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Upstream source <https://invisible-island.net/ncurses/ncurses.html>
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *

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Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.6 jansson 2.7

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1.7 ipmi-tool 1.8.18

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1.8 jansson 2.12

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1.9 dosfs-tools 3.0.26

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Version 3, 29 June 2007

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- *
- * More information about curve25519 can be found here
- * <http://cr.yp.to/ecdh.html>
- *
- * djb's sample implementation of curve25519 is written in a special assembly
- * language called qhasm and uses the floating point registers.
- *
- * This is, almost, a clean room reimplementation from the curve25519 paper. It
- * uses many of the tricks described therein. Only the crecip function is taken
- * from the sample implementation.
- */

1.15 tdb 1.42.13

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Version 3, 29 June 2007

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1.16 golang 1.15.15

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=====

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Key Dates

* August 3, 2017

Update the TianoCore Contribution Agreement from Version 1.0 to Version 1.1 to cover open source documentation associated with the TianoCore project.

Version 1.0 covers source code files. Version 1.1 is a backwards compatible extension that adds support for document files in both source form and compiled form.

References:

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Proposals (RFCs):

<https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html>

TianoCore Bugzilla:

https://bugzilla.tianocore.org/show_bug.cgi?id=629

* April 9, 2019

Replace BSD 2-Clause License with BSD + Patent License removing the need for the TianoCore Contribution Agreement.

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<https://lists.01.org/pipermail/edk2-devel/2019-February/036260.html>

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=====
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=====

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2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under" message.
3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version. For example: Contributed-under: TianoCore Contribution Agreement 1.1 The "TianoCore Contribution Agreement" is included below in this document.
4. Submit your code to the TianoCore project using the process that the project documents on its web page. If the process is not documented, then submit the code on development email list for the project.
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```
=====
= Change Description / Commit Message / Patch Email =
=====
```

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

```
== Sample Change Description / Commit Message ==
```

```
=== Start of sample patch email message ===
```

From: Contributor Name <contributor@example.com>

Subject: [Repository/Branch PATCH] Module: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.1

Signed-off-by: Contributor Name <contributor@example.com>

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

```
=== End of sample patch email message ===
```

```
=== Notes for sample patch email ===
```

* The first line of commit message is taken from the email's subject line following [Repository/Branch PATCH]. The remaining portion of the commit message is the email's content until the '---' line.

* git format-patch is one way to create this format

=== Definitions
for sample patch email ===

- * "Repository" is the identifier of the repository the patch applies. This identifier should only be provided for repositories other than 'edk2'. For example 'edk2-BuildSpecification' or 'staging'.
- * "Branch" is the identifier of the branch the patch applies. This identifier should only be provided for branches other than 'edk2/master'. For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or 'staging/edk2-test'.
- * "Module" is a short identifier for the affected code or documentation. For example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or 'EDK II INF File Format'.
- * "Brief-single-line-summary" is a short summary of the change.
- * The entire first line should be less than ~70 characters.
- * "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
- * "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
- * "Signed-off-by" is the contributor's signature identifying them by their real/legal name and their email address.

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=====
= Code Contributions =
=====

To make a contribution to a TianoCore project, follow these steps.

1. Create a change description in the format specified below to use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under"

message.

3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version. For example: Contributed-under: TianoCore Contribution Agreement 1.0 The "TianoCore Contribution Agreement" is included below in this document.

4. Submit your code to the TianoCore project using the process that the project documents on its web page. If the process is not documented, then submit the code on development email list for the project.
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Contributions of code put into the public domain can also be accepted.

Contributions using other licenses might be accepted, but further review will be required.

```
=====
= Change Description / Commit Message / Patch Email =
=====
```

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

```
== Sample Change Description / Commit Message =
```

```
=== Start of sample patch email message ===
```

```
From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary
```

```
Full-commit-message
```

```
Contributed-under:
```

```
TianoCore Contribution Agreement 1.0
```

```
Signed-off-by: Contributor Name <contributor@example.com>
```

```
---
```

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

```
=== End of sample patch email message ===
```

=== Notes for sample patch email ===

- * The first line of commit message is taken from the email's subject line following [PATCH]. The remaining portion of the commit message is the email's content until the '---' line.
- * git format-patch is one way to create this format

=== Definitions for sample patch email ===

- * "CodeModule" is a short identifier for the affected code. For example MdePkg, or MdeModulePkg UsbBusDxe.
- * "Brief-single-line-summary" is a short summary of the change.
- * The entire first line should be less than ~70 characters.
- * "Full-commit-message" a verbose multiple line comment describing the change.

Each line should be less than ~70 characters.

- * "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.
- * "Signed-off-by" is the contributor's signature identifying them by their real/legal name and their email address.

=====
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1.18 grub2 2.02

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1.19 grub2 2.16

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<one line to give the program's name and a brief idea of what it does.>

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```
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under certain conditions; type `show c'
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```

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```
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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1.21 lvm2 1.02.84

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

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

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1.22 e2fsprogs 1.42.13

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Index: tdbsa/tdb.c

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

- trivial database library - private includes
-
- Copyright (C) Andrew Tridgell      2005
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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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

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

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#

This is a Makefile stub which handles the creation of BSD shared

```

# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

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

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

image: $(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip: install-shlibs

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

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

```

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

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This is the Debian GNU/Linux prepackaged version of the Common Error
Description library. It is currently distributed together with the EXT2 file
system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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

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1.23 safeclib 4.1.42

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1.25 util-linux 2.27.0

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```
NR START  END SECTORS SIZE NAME UUID
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2 7680 16383  8704 4.3M   8f8378c0-02
5 7936 12799  4864 2.4M
6 12544 16127 3584 1.8M
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```
#!/usr/bin/env bash
```

```
# MIT licenses will each have a unique MD5 sum since they contain a unique copyright.
```

```
# This script will read the license file into memory, strip out the copyright, and then
```

```
# generate an MD5 that is not unique and can be matched against a known MIT MD5 sum.
```

```
set -e
```

```
calculate_md5_sum() {
```

```
    local FILE="$1"
```

```
    # Read the contents of the file into a variable
```

```
    local raw_license_text=$(<"$FILE")
```

```
    # Convert to lowercase
```

```
    local lowercase_license_text="${raw_license_text,,}"
```

```
    # Remove anything before the beginning of the license
```

```
    local stripped_license_text=$(awk '/permission is hereby granted,/{p=1} p' <<< "$lowercase_license_text")
```

```
    # Replace line breaks (Windows or Linux) with a single space
```

```
    local replaced_linebreaks=$(tr '\r\n' ' ' <<< "$stripped_license_text")
```

```
    # Replace multiple spaces with a single space
```

```
    local normalized_license_text=$(tr -s ' ' <<< "$replaced_linebreaks")
```

```
    # Strip away any non-printable, non-whitespace characters
```

```
    local clean_unprintable_license_text=$(tr
```

```
-cd '[:print:][:space:]' <<< "$normalized_license_text")
```

```
    # Remove punctuation and special characters
```

```
    local clean_license_text=$(echo "$clean_unprintable_license_text" | sed 's/[^a-zA-Z ]//g')
```

```
    # Calculate the MD5 sum of the cleaned license text
```

```
    local MD5SUM=$(echo -n "$clean_license_text" | md5sum | awk '{print $1}')
```

```
    # Output the MD5 sum
```

```
    echo "$MD5SUM"
```

```
}
```

```
# Check if the FILE argument is provided
```

```
if [ -z "$1" ]; then
```

```
    echo "Please provide a FILE as an argument."
```



```

exit 1
fi

# Invoke the function with the provided FILE argument
calculate_md5_sum "$1"
WEV @@ WEV[B "1
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...

;9GimCN7g

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
./0123456789;,<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
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```

1.26 busybox 1.25.1

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1.27 zlib 1.2.8

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1.28 golang 1.22.4

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b) Use a suitable shared library mechanism for linking with the

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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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Any

executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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Version 3.1, 31 March 2009

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.

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

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

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current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)
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David Megginson,
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1998-05-11

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* m4/ax_func_which_gethostbyname_r.m4

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1.38 ameshkov-dnsstamps 1.0.3

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1.40 protobuf 1.20.0

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- * Optimize Java serialization code when writing a small message to a stream.
- * Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- * Clean up some Java warnings.
- * Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- * Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- * Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- * Fixed detection of sched_yield on Solaris.
- * Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- * Fixed minor IBM xLC compiler build issues
- * Added atomicops for AIX (POWER)

Nipunn Koorapati <nipunn1313@gmail.com>

- * Provide a type alias field ValueType

on EnumTypeWrapper

- * Match service argument names to abstract interface

1.41 protobuf 1.34.2

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1.42 prometheus-client 1.17.0

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1.43 adguardteam-golibs 0.24.1

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1.44 x-crypto 0.16.0

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1.45 quic-go-quic-go 0.40.0

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1.46 ameshkov-dnscrypt 2.3.0

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1.47 x-net 0.26.0

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1.48 mr-karan-doggo 1.0.5

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1.49 mongo-go-driver 1.17.1

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Files: internal/snapref/*

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1.50 modern-go-reflect2 1.0.2

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1.51 x-crypto 0.26.0

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1.52 twmb-franz-go-pkg-kadm 1.9.0

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1.53 groupcache 0.0.0-20210331224755-41bb18bfe9da

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1.57 prometheus-procfs 0.11.1

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

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1.58 miekg-dns 1.1.57

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1.59 go-colorable 0.1.13

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1.60 x-net 0.28.0

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1.61 pflag 1.0.5

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1.62 scapy 2.4.5

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```
{
"testfiles": [
  "test/*.uts",
  "test/scapy/layers/*.uts",
  "test/contrib/automotive/*.uts",
  "test/contrib/automotive/obd/*.uts",
  "test/contrib/automotive/gm/*.uts",
  "test/contrib/automotive/bmw/*.uts",
  "test/contrib/automotive/xcp/*.uts",
  "test/contrib/*.uts"
],
"remove_testfiles": [
  "test/linux.uts",
  "test/windows.uts",
  "test/contrib/automotive/ecu_am.uts",
  "test/contrib/automotive/gm/gmlanutils.uts",
  "test/contrib/isotp.uts",
  "test/contrib/isotpscan.uts"
],
"onlyfailed": true,
"preexec": {
  "test/contrib/*.uts": "load_contrib(\"%name%\")",
```



```

    "test/cert.uts": "load_layer(\"tls\")",
    "test/ssl2.uts": "load_layer(\"tls\")",
    "test/tls*.uts": "load_layer(\"tls\")"
  },
  "kw_ko": [
    "linux",
    "windows",
    "crypto_advanced",
    "ipv6",
    "vcan_socket"
  ]
}

```

1.63 go-diff lib 1.0.0

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1.64 logrus 1.9.3

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1.65 twmb-franz-go-plugin-kzap 1.1.2

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1.66 pierrec-lz4 4.1.18

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1.67 go-uber-org-multierr 1.10.0

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1.68 google-go-cmp 0.6.0

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1.69 gopkg.in-yaml 3.0.1

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1.70 perks 1.0.1

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1.74 panicparse 2.3.1

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1.75 json-iterator-go 1.1.12

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1.76 dgryski-go-rendezvous 0.0.0-

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1.78 modern-go-concurrent 0.0.0-

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1.79 quic-go-qpack 0.4.0

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1.80 mattn-go-isatty 0.0.20

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1.81 gorilla 1.5.0

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1.82 ndp 1.0.1

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1.83 pq 1.10.9

1.83.1 Available under license :

```
//go:build go1.10
// +build go1.10

package pq

import (
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
//
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
```

```

func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and
// setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}

```

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1.84 invopop-yaml 0.2.0

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1.85 x-sys 0.21.0

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1.86 twmb-franz-go-pkg-kmsg 1.6.1

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1.87 google-pprof 0.0.0-20211214055906-6f57359322fd

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1.88 x-sys 0.15.0

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 * a) 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; or,
 *
 * b) Accompany it with a written offer, valid for at least three
 * years, to give any third party, for a charge no more than your
 * cost of physically performing source distribution, a complete
 * machine-readable copy of the corresponding source code, to be
 * distributed under the terms of Sections 1 and 2 above on a medium
 * customarily used for software interchange; or,
 *
 * c) Accompany it with the information you received as to the offer
 * to distribute corresponding source code. (This alternative is
 * allowed only for noncommercial distribution and only if you
 * received the program in object code or executable form with such
 * an offer, in accord with Subsection b above.)
 *
 * The source code for a work means the preferred form of the work for
 * making modifications to it. For an executable work, complete source
 * code

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

*

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

*

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*

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 */

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(<http://anonscm.debian.org/cgit/kernel/initramfs-tools.git/tag/?h=0.91e>) using GPL v2 or any later version

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 *

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 versions be marked as
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 *

* Some devices are designed to deny users access to install or run
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 * 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.

*

* 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.

*

* 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.

*

* 1. Source Code.

*

* 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.

*

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

*

* 2. Basic Permissions.

*

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* covered work is covered

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* with facilities for running those works, provided that you comply with
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* not control copyright. Those thus making or running the covered works
* for you must do so exclusively on your behalf, under your direction
* and control, on terms that prohibit them from making any copies of
* your copyrighted material outside their relationship with you.

*

* Conveying under any other circumstances is permitted solely under
* the conditions

stated below. Sublicensing is not allowed; section 10

* makes it unnecessary.

*

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

*

* 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.

*

* When you convey a covered work, you waive any legal power to forbid
* circumvention of technological measures to the extent such circumvention
* is effected by exercising rights under this License with respect to

- * the covered work, and you disclaim any intention to limit operation or
- * modification of the work as a means of enforcing, against the work's
- * users, your or third parties' legal rights to forbid circumvention of
- * technological measures.

*

- * 4. Conveying Verbatim Copies.

*

- * 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.

*

- * 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.

*

- * 5. Conveying Modified Source Versions.

*

- * 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
- * Appropriate Legal Notices; however, if the Program has interactive
- * interfaces that do not display Appropriate Legal Notices, your
- * work need not make them do so.

*

- * A compilation of a covered work with other

separate and independent

- * works, which are not by their nature extensions of the covered work,
- * and which are not combined with it such as to form a larger program,
- * in or on a volume of a storage or distribution medium, is called an
- * "aggregate" if the compilation and its resulting copyright are not
- * used to limit the access or legal rights of the compilation's users
- * beyond what the individual works permit. Inclusion of a covered work
- * 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.
- *
- * 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 ROM).
- *
- * 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.
- *
- * 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
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*

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*

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*

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```

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 *
 * Description:
 *   This modules does with PEAP-MSCHAPv2 user authentication
 *
 * Portions are of this code are extracted from freeradius-1.1.4,
 * with modifications for IPv6.
 *
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@display

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a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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contains code derived from the library, whereas the latter must be combined with the library in order to run.

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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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@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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```
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@end
smallexample
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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

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1.93 x-net 0.19.0

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1.94 testify 1.8.4

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1.95 quic-go-quic-go 0.45.1

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1.96 xxhash 2.2.0

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1.97 aead-poly1305 0.0.0-20180717145839-3fee0db0b635

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1.98 miekg-dns 1.1.61

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1.99 zap 1.24.0

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1.100 gofrs-flock 0.8.1

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1.101 sthorne-odoh-go 1.0.4

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1.102 bufbuild-connect-go 1.8.0

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1.103 color 1.17.0

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1.104 x-crypto 0.24.0

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1.105 klauspost-compress 1.16.7

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1.107 knadh-koanf-providers-posflag 0.1.0

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1.108 gofrs-uuid 4.4.0+incompatible

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1.109 x-sys 0.23.0

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1.110 twmb-franz-go 1.14.4

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1.111 x-exp 0.0.0-20240613232115-7f521ea00fb8

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1.112 aead-chacha20 0.0.0-20180709150244-8b13a72661da

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1.113 knadh-koanf 2.1.1

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1.114 afero 1.0.5

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1.115 felixge-fgprof 0.9.3

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1.116 golang-jwt 3.2.2+incompatible

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1.117 golang-protobuf-extensions 1.0.4

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1.118 x-text 0.17.0

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1.119 prometheus-client-model 0.4.1-0.20230718164431-9a2bf3000d16

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1.120 go-runewidth 0.0.15

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1.121 knadh-koanf-maps 0.1.1

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1.122 go-viper-mapstructure 2.0.0

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1.123 gopacket 1.1.19

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1.124 x-time-rate 0.5.0

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1.125 natesales-bgptools-go 0.0.0-

20230212051756-2b519d61269c

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1.127 redis-go-redis 9.0.5

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1.129 x-exp 0.0.0-20231206192017-f3f8817b8deb

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1.130 go-flags 1.5.0

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1.132 goprotobuf 1.5.4

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1.134 go-redis-redis 9.6

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