

NAME

KeySnatcher – Snatches GPG Keys and repairs broken repositories.

SYNOPSIS

keysnatcher **--COMMAND** [OPTION]

FEATURES

KeySnatcher snatches or retrieves missing GPG Keys and repairs broken repositories; both 404 (not found) and 403 (forbidden) based repository errors. It will also optionally set a timeout of 2 seconds for retrieving source lists an issue with IPV6 which provides a "work around" for aforesaid issue. As of version 1.1.1 KeySnatcher also repairs duplicate sources.

COMMAND SWITCH USAGE

Every 'flag' option has a 'no-flag' counterpart with exception of help. Specifying no switch is the same as using the **--help** switch.

If an option or flag is marked as [XXX], it is optional. Options specified with <XXX> are required. They will only work in combination with the XXX option.

Example: **keysnatcher --timeout --remove**

Will work because the format is <REQUIRED> <timeout> [--remove] in this case **--timeout** is the <REQUIRED> switch as per Synopsis above. No secondary [OPTION] is required and the default action to engage the timeout. IE **keysnatcher --timeout remove** which is actually case insensitive and does not require the **--** On the other hand **keysnatcher --timeout** is just fine without providing a secondary switch. Please see OPTIONS section below.

Keysnatcher as of version 1.0.5 has bash auto completion. This means you can enter **keysnatcher -t** hit the tab key and it will change the output to **keysnatcher --timeout** hit tab twice again and it will display the option of **remove**.

OPTIONS

Fixerrors

-f , --fixerrors

Fixes repository based error(s). Any repository that gives a 404 (not found) or 403 (forbidden) is pushed into a error log, this error log is parsed and scans your software sources looking for the offending repository. The offending repository is then commented out allowing you to if so desired reverse it's effect, for example if the server should happen to come back online.

Help

-h , --help [COMMAND]

Display help for [COMMAND]
possible commands...

-f --fixerrors

fix 403 / 404 errors with repositories

-k --keyserver

manually list or set keyserver

-s --snatch

snatch missing keys

-h --help

this help message

-r --rescan

rescan servers to determine which is fastest

-t **--timeout**
fix IPV6 timeout issues

-v **--version**
dump version info

KeySnatcher **--help** [COMMAND] for further information.

Keyserver

-k , **--keyserver**
Manually sets or lists keysevers, not providing [OPTIONAL] second switch will list available keysevers.

Example: keysnatcher --keyserver ueserver.space

Snatch

-s , **--snatch**
Snatches or grabs missing GPG keys. The software will determine the fastest GPG key server this operation is only performed once (see help rescan) to accelerate any future grabbing of missing keys. The software then scans for missing keys and retrieves any missing key from the fastest detected key server. You may optionally [skip] the connectivity test.

Example: keysnatcher --snatch skip

Rescan

-r , **--rescan**
Rescans GPG key servers and sets the fastest server as your default for retriving GPG keys.

Timeout

-t , **--timeout**
Sets the default timeout for a server response to 2 seconds. IPV6 servers can take up to 3 minutes to resolve, this "workaround" accelerates this operation. If you are for some reason not happy with this resolve you can remove it with the [OPTIONAL] remove switch.

Example: keysnatcher --timeout remove

Version

-v , **--version**
Display keysnatcher's version number and exits.

FILES

/bin/keysnatcher
Snatches GPG Keys and repairs broken repositories.

/usr/share/man/man8/keysnatcher.8.gz
KeySnatcher manual (this manual in man format)

/usr/share/doc/copywrite
License agreement.

/usr/share/doc/changelog.gz
keysnatcher Changelog

/etc/bash_completion.d/keysnatcher
Bash auto completion command interpreter

/usr/share/bash_completion/completions/keysnatcher
Bash auto completion command interpreter

/usr/share/ultimate_edition/keysnatcher.pdf

KeySnatcher manual in pdf format.

/usr/share/ultimate_edition/keysnatcher.ps

keysnatcher manual in postscript format.

/usr/share/ultimate_edition/keysnatcher.py

keysnatcher graphical implementation written in python.

/usr/share/applications/keysnatcher.desktop

Hyperlink to application.

SEE ALSO

gpg(1)

The full documentation for this tool is maintained as a Tex-info manual. If keysnatcher and the info program are properly installed at your site, the command

```
info keysnatcher
```

should give you access to the complete manual including a menu structure and an index.

info

should give you access to the complete manual.

CHANGELOG

- 1.0: First public release
- 1.0.1: Added bc to dependancy list
Removed locale was causing minor issues
- 1.0.2: Added fix routine for missing repositories
Added Server Timeout function for IPV6
Many bug fixes in permission rights.
- 1.0.3: Wrote help system. Not a fantastic job, but I hope it gets the point across.
- 1.0.4: Adjusted servers, added version dumping header.
Now checks permissions prior to engaging software.
Added eyecandy routines & a new one Encapsulate.
Adjusted Help system and commands.
- 1.0.5 Added fixing of 403 Forbidden errors.
Repaired bash_autocompletion to coincide with options
- 1.0.6 Added ability to skip connectivity tests.
Adjusted eyecandy routines.
Wrote a manual in man format, pdf and postscript.
- 1.0.7 Added repair of "Failure to fetch" (Architecture) related issues.
- 1.0.8 Added ueserver.space to the keyserver mix (3+ million keys)
- 1.0.9 Added repair of duplicate sources.
- 1.1.0 Fixed sites being down. (don't count on anything being

up mentality has stepped in). Yes, our servers go down too. Donate damn it ;)

- 1.1.1 Added keyserver switch allows for manual selection of keyserver
Updated manpages, ps and pdf manual
Added repairing of duplicate sources.

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BUGS

GNU KeySnatcher home page: <<http://www.repostorm.com/>>. E-mail bug reports to: <themahn@repostorm.com>. Be sure to include the word KeySnatcher somewhere in the Subject: field."

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