

NAME

dscverify – verify the validity of a Debian package

SYNOPSIS

dscverify [**--keyring** *keyring*] ... *changes_or_buildinfo_or_dsc_filename* ...

DESCRIPTION

dscverify checks that the GPG signatures on the given *.changes*, *.buildinfo* or *.dsc* files are good signatures made by keys in the current Debian keyrings, found in the *debian-keyring* package. (Additional keyrings can be specified using the **--keyring** option any number of times.) It then checks that the other files listed in the *.changes*, *.buildinfo* or *.dsc* files have the correct sizes and checksums (MD5 plus SHA1 and SHA256 if the latter are present). The exit status is 0 if there are no problems and non-zero otherwise.

OPTIONS

--keyring *keyring*

Add *keyring* to the list of keyrings to be used.

--no-default-keyrings

Do not use the default set of keyrings.

--no-conf, **--noconf**

Do not read any configuration files. This can only be used as the first option given on the command-line.

--nosigcheck, **--no-sig-check**, **-u**

Skip the signature verification step. That is, only verify the sizes and checksums of the files listed in the *.changes*, *.buildinfo* or *.dsc* files.

--verbose

Do not suppress GPG output.

--help, **-h**

Display a help message and exit successfully.

--version

Display version and copyright information and exit successfully.

CONFIGURATION VARIABLES

The two configuration files */etc/devscripts.conf* and *~/devscripts* are sourced by a shell in that order to set configuration variables. Environment variable settings are ignored for this purpose. If the first command line option given is **--noconf** or **--no-conf**, then these files will not be read. The currently recognised variable is:

DSCVERIFY_KEYRINGS

This is a colon-separated list of extra keyrings to use in addition to any specified on the command line.

KEYRING

Please note that the keyring provided by the *debian-keyring* package can be slightly out of date. The latest version can be obtained with *rsync*, as documented in the README that comes with *debian-keyring*. If you sync the keyring to a non-standard location (see below), you can use the possibilities to specify extra keyrings, by either using the above mentioned configuration option or the **--keyring** option.

Below is an example for an alias:

```
alias dscverify='dscverify --keyring ~/.gnupg/pubring.gpg'
```

STANDARD KEYRING LOCATIONS

By default *dscverify* searches for the *debian-keyring* in the following locations:

- *~/gnupg/trustedkeys.gpg*

- /srv/keyring.debian.org/keyrings/debian-keyring.gpg
- /usr/share/keyrings/debian-keyring.gpg
- /usr/share/keyrings/debian-maintainers.gpg

SEE ALSO

gpg(1), **gpg2(1)**, **devscripts.conf(5)**

AUTHOR

dscverify was written by Roderick Schertler <roderick@argon.org> and posted on the debian-devel@lists.debian.org mailing list, with several modifications by Julian Gilbey <jdg@debian.org>.