

NAME

debrelease – a wrapper around dupload or dput

SYNOPSIS

debrelease [*debrelease options*] [*dupload/dput options*]

DESCRIPTION

debrelease is a simple wrapper around **dupload** or **dput**. It is called from within the source code tree of a package, and figures out the current version of a package. It then looks for the corresponding *.changes* file (which lists the files needed to upload in order to release the package) in the parent directory of the source code tree and calls **dupload** or **dput** with the *.changes* file as parameter in order to perform the actual uploading.

Options may be given to **debrelease**; except for the ones listed below, they are passed on unchanged to **dupload** or **dput**. The **devscripts** configuration files are also read by **debrelease** as described below.

Directory name checking

In common with several other scripts in the **devscripts** package, **debrelease** will climb the directory tree until it finds a *debian/changelog* file. As a safeguard against stray files causing potential problems, it will examine the name of the parent directory once it finds the *debian/changelog* file, and check that the directory name corresponds to the package name. Precisely how it does this is controlled by two configuration file variables **DEVSCRIPTS_CHECK_DIRNAME_LEVEL** and **DEVSCRIPTS_CHECK_DIRNAME_REGEX**, and their corresponding command-line options **--check-dirname-level** and **--check-dirname-regex**.

DEVSCRIPTS_CHECK_DIRNAME_LEVEL can take the following values:

- 0** Never check the directory name.
- 1** Only check the directory name if we have had to change directory in our search for *debian/changelog*. This is the default behaviour.
- 2** Always check the directory name.

The directory name is checked by testing whether the current directory name (as determined by **pwd(1)**) matches the regex given by the configuration file option **DEVSCRIPTS_CHECK_DIRNAME_REGEX** or by the command line option **--check-dirname-regex regex**. Here *regex* is a Perl regex (see **perlre(3perl)**), which will be anchored at the beginning and the end. If *regex* contains a '/', then it must match the full directory path. If not, then it must match the full directory name. If *regex* contains the string 'PACKAGE', this will be replaced by the source package name, as determined from the changelog. The default value for the regex is: 'PACKAGE(-.+)?', thus matching directory names such as PACKAGE and PACKAGE-version.

OPTIONS**--dupload, --dput**

This specifies which uploader program to use; the default is **dupload**.

-S If this option is used, or the default *.changes* file is not found but a source-only *.changes* file is present, then this source-only *.changes* file will be uploaded instead of an arch-specific one.

-adebian-architecture, -tGNU-system-type

See **dpkg-architecture(1)** for a description of these options. They affect the search for the *.changes* file. They are provided to mimic the behaviour of **dpkg-buildpackage** when determining the name of the *.changes* file. If a plain **-t** is given, it is taken to be the **dupload** host-specifying option, and therefore signifies the end of the **debrelease**-specific options.

--multi

Multiarch *.changes* mode: This signifies that **debrelease** should use the most recent file with the name pattern *package_version_+*.changes* as the *.changes* file, allowing for the *.changes* files produced by **dpkg-cross**.

--debs-dir *directory*

Look for the *.changes* and *.deb* files in *directory* instead of the parent of the source directory. This should either be an absolute path or relative to the top of the source directory.

--check-dirname-level *N*

See the above section **Directory name checking** for an explanation of this option.

--check-dirname-regex *regex*

See the above section **Directory name checking** for an explanation of this option.

--no-conf, --noconf

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

--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 in that order to set configuration variables. Command line options can be used to override configuration file settings. Environment variable settings are ignored for this purpose. The currently recognised variables are:

DEBRELEASE_UPLOADER

The currently recognised values are *dupload* and *dput*, and it specifies which uploader program should be used. It corresponds to the **--dupload** and **--dput** command line options.

DEBRELEASE_DEBS_DIR

This specifies the directory in which to look for the *.changes* and *.deb* files, and is either an absolute path or relative to the top of the source tree. This corresponds to the **--debs-dir** command line option. This directive could be used, for example, if you always use **pbuilder** or **svn-build-package** to build your packages. Note that it also affects **debc**(1) and **debi**(1).

DEVSCRIPTS_CHECK_DIRNAME_LEVEL, DEVSCRIPTS_CHECK_DIRNAME_REGEX

See the above section **Directory name checking** for an explanation of these variables. Note that these are package-wide configuration variables, and will therefore affect all **devscripts** scripts which check their value, as described in their respective manpages and in **devscripts.conf**(5).

SEE ALSO

dput(1), **dupload**(1), **devscripts.conf**(5)

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