

NAME

debclean – clean up a sourcecode tree

SYNOPSIS

debclean [*options*]

DESCRIPTION

debclean walks through the directory tree starting at the directory tree in which it was invoked, and executes *debbuild -- clean* for each Debian source directory encountered. These directories are recognised by containing a *debian/changelog* file for a package whose name matches that of the directory. Name matching is described below.

If **debclean** is invoked from a directory that is already a Debian source package, it will not descend into its subdirectories.

Also, if the **--cleandeb**s option is given, then in every directory containing a Debian source tree, all files named *.deb, *.changes and *.build are removed. The .dsc, .diff.gz and the (.orig).tar.gz files are not touched so that the release can be reconstructed if necessary, and the .upload files are left so that **debchange** functions correctly. The **--nocleandeb**s option prevents this extra cleaning behaviour and the **--cleandeb**s option forces it. The default is not to clean these files.

debclean uses **debbuild**(1) to clean the source tree.

Directory name checking

In common with several other scripts in the **devscripts** package, **debclean** will walk through the directory tree searching for *debian/changelog* files. As a safeguard against stray files causing potential problems, it will examine the name of the parent directory once it finds a *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**--cleandeb**s

Also remove all .deb, .changes and .build files from the parent directory.

--nocleandebs

Do not remove the .deb, .changes and .build files from the parent directory; this is the default behaviour.

--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.

-d Do not run dpkg-checkbuilddeps to check build dependencies.

--help 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:

DEBCLEAN_CLEANEBS

If this is set to *yes*, then it is the same as the **--cleanebs** command line parameter being used.

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

debbuild(1), **devscripts.conf(5)**

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