

NAME

pdebuild – pbuilder way of doing debuild

SYNOPSIS

pdebuild [*pdebuild options*] -- [*pbuilder options*]

DESCRIPTION

A convenience program for **pbuilder** which invokes pbuilder after obtaining appropriate root privilege in a Debian source directory. One must be inside the source tree containing the **debian** directory.

By default, build log file is stored in `../<package>_<version>_<arch>.build`.

PDEBUILD OPTIONS

The options have the form `--option name` which modify the operation semantics as explained below. They are applied from left to right, and when options conflict, the option that appear later take precedence.

--buildsourceroot [*fakeroot*]

The command used to gain root privilege for invoking **debian/rules clean**

--pbuilderroot [*sudo -E*]

The command used to gain root privilege for invoking pbuilder.

--pbuidersatisfydepends [*/usr/lib/pbuilder/pbuilder-satisfydepends*]

The command used to satisfy (i.e. install) build-dependencies.

--architecture

Set architecture. This is currently required when it doesn't match the host architecture.

--auto-debsign

Invoke debsign at the end of pdebuild process.

--debsign-k [*key-id*]

Pass **-k** option to debsign to specify which key-id to sign with.

--buildresult [*Directory for build results*]

The place where the build result is stored.

Note that for pdebuild, buildresult needs to be specified as a pdebuild option on the command-line, not as a pbuilder option.

Note that the default value for buildresult is what is defined for pbuilder, which is `/var/cache/pbuilder/result` and not `..`.

--configfile [*Extra config file to use*]

The configuration file is used, and passed on to **pbuilder**.

--debbuildopts [*options to pass to dpkg-buildpackage*]

The space-delimited list of options are passed to dpkg-buildpackage. This option appends to pbuilder option **--debbuildopts** and may also be used to reset the list of options by passing the empty string.

Multiple options are delimited with spaces.

Note that for pdebuild, **dpkg-source** is used to build the source package which is given to pbuilder. This option has no effect on the arguments used to build this source package, but will control whether the **clean** target is run first as usual, and any options for dpkg-genchanges will be passed on.

--use-pdebuild-internal

Uses a different implementation of pdebuild, which calls clean and build inside the chroot, using bind-mounts.

pdebuild-internal tries to run debian/rules clean inside the chroot. To do so, the working directory is passed on inside the chroot, in the form of bind-mounting and **debuild** is run.

This option will not protect the working directory and its parent directories from the build scripts.

--logfile [*file to log*]

Specifies the build logfile to create. The messages generated during execution will be written to the file, as well as standard output.

--pbuilder [*pbuilder*]

Specifies which command to invoke as pbuilder.

--help

Show a brief help message.

-- [*pbuilder options*]

After the **--** symbol, an arbitrary number of pbuilder options can be specified. See pbuilder(8) for a full list of options.

There is an exception that **--buildresult** needs to be specified as a pdebuild option before the **--** in order to be effective.

FILES

/etc/pbuilddrc

The configuration file for pbuilder, used in pdebuild.

/usr/share/pbuilder/pbuilddrc

The default configuration file for pbuilder, used in pdebuild.

`${HOME}/.pbuilderrc`

Configuration file for pbuilder, used in pdebuild. It overrides `/etc/pbuilderrc`

EXAMPLES

pdebuild

```
$ pwd
/home/dancer/DEBIAN/cowdancer/cowdancer
$ ls debian/rules
debian/rules
$ pdebuild
dh clean
dh_testdir
dh_auto_clean
dh_autoreconf_clean
dh_clean
.
.
.
dpkg-source: info: using source format '3.0 (native)'
dpkg-source: info: building cowdancer in cowdancer_0.84.tar.xz
dpkg-source: info: building cowdancer in cowdancer_0.84.dsc
.
.
.
```

BUGS

pdebuild will accept all options that pbuilder accepts as pdebuild option. However, unless the option is documented in the manual page, it may be ignored.

AUTHOR

Initial coding and main maintenance is done by Junichi Uekawa <dancer@debian.org>.

The homepage is <http://pbuilder.alioth.debian.org>

SEE ALSO

</usr/share/doc/pbuilder/pbuilder-doc.html>, [pbuilder\(8\)](#), [pbuilderrc\(5\)](#)