NAME

dcut − Debian command upload tool for the archive upload queue

SYNOPSIS

dcut [**−Pds**] [**−c** *CONFIGFILE*] [**−k** *KEYID*] [**−m** *MAINTAINER*] [**−O** *COMMANDFILE*] [[**−−host**]
   HOSTNAME] *COMMAND* [**,** *COMMAND*] . . .

dcut [**−Pds**] [**−c** *CONFIGFILE*] [**−k** *KEYID*] [**−m** *MAINTAINER*] [**−O** *COMMANDFILE*] [[**−−host**]
   HOSTNAME] **−i** *CHANGESFILE*

dcut [**−Pds**] [**−c** *CONFIGFILE*] [[**−−host**] *HOSTNAME*] **−U** *COMMANDFILE*

dcut −h

dcut −v

DESCRIPTION

dcut creates and / or uploads Debian queue commands files for a Debian repository upload queue. It is a
companion for **dput**(1) and uses dput configuration files (see **FILES**, below).

The normal workflow is:

•   Determine the queue control commands.

•   Compose the batch of commands to upload.

•   Determine the hostname of the queue host.

•   Upload the commands to the queue host.

Determine queue control commands

In the default command-line syntax, parse each command-line argument *COMMAND*, in the format needed
by a Debian archive queue manager. Multiple queue commands must be separated by a comma (**,**) as a sep-
arate word between each command.

See **COMMANDS** below for valid queue commands.

When the *CHANGESFILE* parameter is specified, instead parse that file and compose a **rm** command for
each file specified in *CHANGESFILE*.

If the **−−upload** (**−U**) option is specified, instead read the queue control commands from the file *COM-
MANDFILE*.

Compose the batch of commands

The **Uploader** field in the batch is set to the package maintainer specification *MAINTAINER*. If not speci-
fied, the value of *MAINTAINER* is derived from environment variables (see **ENVIRONMENT**, below).

The **Commands** field in the batch is set to the sequence of queue control commands determined.

If the **−−output** (**−O**) option is specified, write the batch to the file named by its *COMMANDFILE* argu-
ment. Otherwise, write the batch to a temporary file and remove it after upload.

After writing the batch of commands to a file, sign the file with **debsign**(1). The *MAINTAINER* and *KEYID*
parameters, if specified, are passed to the **debsign** command.

If the **−−upload** (**−U**) option is specified, do not compose the batch of commands; instead use the content
of its *COMMANDFILE* argument as the name of the command file to upload to the queue host.

Determine the queue host

The *HOSTNAME* must match one of the named hosts in the configuration (see **dput.cf**(5)). The value is
determined as follows:

•   If the **−−host** option is specified, use that option's *HOSTNAME* argument.

•   If the first non-option argument is not a valid queue command, that is interpreted as the *HOST-
NAME*.

•   Otherwise, *HOSTNAME* defaults to the value of the **default_host_main** configuration parameter.

Upload queue commands

Upload the composed batch of queue commands to the queue host *HOSTNAME*, using the parameters in the **dput.cf**(5) configuration for that host.

If the **−−output** (**−O**) option is specified, do not upload the commands to the queue host. Instead, leave the composed file *COMMANDFILE* on the filesystem.

COMMANDS

Presently supported commands are:

rm   Remove files from the UploadQueue directories. **dcut** generates commands that search the subdirectories automatically, but you can also specify **−−nosearchdirs** and then target individual UploadQueue directories, i.e. either filenames without path for regular incoming or **DELAYED/***DAYS***-day/***filename*. Wildcards are accepted.

reschedule *CHANGESFILE DAYS***-day**

Move an upload from any **DEFERRED** queue to *DAYS***-day** (use **0-day** for immediate processing).

cancel *CHANGESFILE*

Cancels an upload from **DEFERRED**.

Both **reschedule** and **cancel** take a complete basename of a changes file as argument and operate on the whole upload, they process the changes and all files mentioned by it.

The authoritative documentation for the commands interface can be found at ⟨ftp://ftp.upload.debian.org/pub/UploadQueue/README⟩.

OPTIONS

−c *CONFIGFILE*
−−config *CONFIGFILE*

Use the file *CONFIGFILE* for configuration. See **dput.cf**(5) for the specification of this file format.

−d
−−debug

Display debugging messages.

−h
−−help   Display help information, then exit.

−−host *HOSTNAME*

Specify the *HOSTNAME* unambiguously. This allows naming a host that may be ambiguous with a queue command.

−m *MAINTAINER*
−−maintainer *MAINTAINER*

Use *MAINTAINER* for the **Uploader** field and GnuPG key selection. This has no effect when **−−upload** is used.

−k *KEYID*
−−keyid *KEYID*

Specify the GnuPG key id *KEYID* to pass to the **debsign**(1) command. This has no effect when **−−upload** is used.

−O *COMMANDFILE*
−−output *COMMANDFILE*

Write commands file to *COMMANDFILE* instead of uploading. You should not specify a *HOSTNAME* when using this option. Also, this option should not be used with **−−upload**.

−P

−−passive
> Use passive mode for FTP. If not specified, default for FTP is active mode.

−s
−−simulate
> Do not actually upload to the queue host.

−U *COMMANDFILE*
−−upload *COMMANDFILE*
> Instead of composing a new queue command file, upload the existing file *COMMANDFILE*. Note: No checks (syntax or presence/validity of signature) are currently performed.

−i *CHANGESFILE*
−−input *CHANGESFILE*
> Do not parse queue commands from the command line. Instead, read the package changes file *CHANGESFILE* and compose a **rm** command for each file specified in *CHANGESFILE*. This has no effect when **−−upload** is used.

−v
−−version
> Display version information, then exit.

ENVIRONMENT
DEBEMAIL
EMAIL
> If *MAINTAINER* is not specified, use the first of these which has a value to determine the email address portion of *MAINTAINER*.

DEBFULLNAME
> If *MAINTAINER* is not specified, use this value to determine the full name portion of *MAINTAINER*.

USER If no username is specified for authenticating to the remote host, use the value of this variable.

FILES
Configuration
> See **dput.cf**(5) for the files to configure **dcut.**

EXAMPLES
To upload a GPG signed commands file that removes dput_0.9.2.33_all.deb file from the queue, one would have to do:

```
$ dcut rm dput_0.9.2.33_all.deb
```

This creates and uploads a commands file that looks like the following:

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Uploader: Foo Bar <foo@bar.org>
Commands:
 rm dput_0.9.2.33_all.deb


-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.9 (GNU/Linux)

iEYEARECAAYKAkisYx0ACgkQ4eu+pSO4mIfwLQCg85XVpae/LHLrbvzywcQNt9PS
ztsAoMgw6HjcI9flfmwjgMiapcu379Pu
=fjp0
-----END PGP SIGNATURE-----
```

To upload a GPG signed commands file that removes files named in dput_0.9.4_i386.changes from the queue, one would have to do:

```
$ dcut --input dput_0.9.4_i386.changes
```

This creates and uploads a commands file that looks like the following:

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Uploader: Foo Bar <foo@bar.org>
Commands:
 rm --searchdirs dput_0.9.4.dsc
 rm --searchdirs dput_0.9.4.tar.gz
 rm --searchdirs dput_0.9.4_all.deb


-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.9 (GNU/Linux)

iEYEARECAAYKAkisYx0ACgkQ4eu+pS04mIfwLQCg85XVpae/LHLrbvzywcQNt9PS
ztsAoMgw6HjcI9flfmwjgMiapcu379Pu
=fjp0
-----END PGP SIGNATURE-----
```

If you've uploaded packages with the **--delayed** option (uploaded to **DEFERRED** queue), then use the **cancel** command with a .changes file:

```
$ dcut cancel dput_0.9.4_i386.changes
```

This creates and uploads a commands file just like the other commands.

SEE ALSO

dput(1), **dput.cf**(5), **debsign**(1)

Read Me document for the Debian upload queue ⟨ftp://ftp.upload.debian.org/pub/UploadQueue/README⟩.