



Rocky Enterprise Linux 9.2 Manual Pages on command 'dcut.1'

C:\>man dcut.1

DCUT(1) General Commands Manual DCUT(1)

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 separate 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 COMMANDFILE.

Compose the batch of commands

The Uploader field in the batch is set to the package maintainer specification MAINTAINER. If not specified, 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 argument. 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 HOSTNAME.
- ? 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. `ei?` their filenames without path for regular incoming or DELAYED/DAYS-day/file? name. 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?](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+pS04mlfwLQCg85XVpae/LHLrbvzywcQNT9PS
```

```
ztsAoMgw6Hjcl9ffmwjgMiapcu379Pu
```

```
=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+pS04mlfwLQCg85XVpae/LHLrbvzywcQNt9PS
```

```
ztsAoMgw6Hjcl9ffmwjgMiapcu379Pu
```

```
=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?](ftp://ftp.upload.debian.org/pub/UploadQueue/README?).

Debian

2017-01-09

DCUT(1)