



Linux Ubuntu 22.4.5 Manual Pages on command 'dput.1'

\$ man dput.1

DPUT(1) General Commands Manual DPUT(1)

NAME

dput - Debian package upload tool

SYNOPSIS

dput [-DPUVdflosu] [-c CONFIGFILE] [-e DAYS] [HOSTNAME[:ARGUMENT]] CHANGESFILE ...

dput [-d] [-c CONFIGFILE] -H

dput [-d] [-c CONFIGFILE] -p

dput -h

dput -v

DESCRIPTION

Upload, to the Debian package upload queue, the files constituting the package specified in each CHANGESFILE.

A Debian package release comprises several files, specified in the CHANGESFILE for that release. The Debian Package Upload Tool (dput) performs several verification checks on the package, then (if the verifications succeed) uploads those files to the remote Debian package repository. See VERIFICATION CHECKS, below, for a description of the checks dput can perform on each package.

HOSTNAME is a name matching a host section in the dput.cf(5) configuration. If not specified, HOSTNAME defaults to the value of the default_host_main configuration parameter. You also can pass an argument to the host by appending the hostname with a colon followed by the argument. For example, you can upload easily to different launchpad PPAs by passing the PPAs' id to the ppa host without having to

modify dput.cf.

The file transfer method is determined by the method configuration parameter for the specified host. See dput.cf(5) for the set of supported method values.

If the configuration specifies a pre_upload_command for the remote host, execute a shell subprocess for that command before attempting to upload each package.

If the configuration specifies a post_upload_command for the remote host, execute a shell subprocess for that command after each successful package upload.

VERIFICATION CHECKS

Each package release, as specified by a CHANGESFILE, is checked to see whether it is suitable for upload. The following checks are available:

Unique upload

The package should not already have been uploaded to the remote host HOST? NAME.

Check for the log file created when dput successfully uploads a package. If the corresponding log file already exists, abort the upload attempt. This is unique only for the combination of local machine (where the upload log is recorded), the CHANGESFILE name, and the remote HOSTNAME.

This check is disabled if the --force option is specified.

Required package files

The package should comprise the required files for the type of package.

If this is a source package release, and the required source control file (? .dsc) is not part of the package, abort the upload attempt.

If this is a source package release, and the version string implies that this is the first Debian release for this version, and the corresponding source tarball is not part of the package, abort the upload attempt.

If the package contains the upstream source tarball, but this is not required for this release, emit a warning that the upload might be rejected by the remote host.

If the package contains the Debian-native source tarball, but this is not required for this release, emit a warning that the upload might be rejected by the remote host.

Successful local install

The package should be successfully installed on the local system.

If this is a binary package release, and each binary package (*.deb file) is not successfully installed on the local system at the specified version, abort the upload.

This check is disabled by default. It is enabled when the configuration parameter `check_version` is true.

Cryptographic signature

The GnuPG signature on the CHANGESFILE should match that file's contents.

If this is a source package release, the GnuPG signature on the source control file (*.dsc) should match that file's contents.

If GnuPG does not report a good signature for these files, abort the upload.

This check is disabled when either the `allow_unsigned_uploads` parameter is true, or the `--check-only` option is specified.

Package files content match

The computed size and hash values for each constituent file should match the values specified in CHANGESFILE.

For each file size and hash value specified in CHANGESFILE, compute the size and hash using the corresponding named file's contents on the filesystem.

If any computed size or hash value does not match the corresponding value in CHANGESFILE, abort the upload.

Distribution name is permitted for the remote host

The configuration for HOSTNAME should permit the distribution name specified in the package.

If the package release's target Debian distribution name is not one specified by the `distributions` parameter for the HOSTNAME, abort the upload attempt. See `dput.cf(5)` for the `distributions` parameter.

Lintian success

The package should get a successful report from Lintian.

Invoke the Lintian tool to check the package described by CHANGESFILE. If the check is unsuccessful (exit status non-zero), abort the upload attempt.

This check is disabled by default. It is enabled when the configuration parameter `run_lintian` is true, or the `--lintian` option is specified.

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.

-D

--dinstall

Request a dry run of dinstall on the remote host after the upload.

-f

--force

Disable the check for a unique upload. See VERIFICATION CHECKS, above, for a description of this check.

-h

--help Display help information, then exit.

-H

--host-list

Display the lists of hosts known to the configuration, then exit. See dput.cf(5) for the specification of hosts.

-l

--lintian

Enable the Lintian verification check, and exit if the check fails. See VERIFICATION CHECKS, above, for a description of this check.

-U

--no-upload-log

Do not write a log file when uploading files.

This omits the record used later for checking whether an upload is unique.

See VERIFICATION CHECKS, above, for a description of this check.

-o

--check-only

Do not upload the files, and disable the checks for unique upload and cryptographic signature. See VERIFICATION CHECKS, above, for a description of these checks.

-p

--print

Display the configuration that dput is using, then exit. See dput.cf(5) for the configuration format.

-P

--passive

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

-s

--simulate

Do not actually upload to the remote host.

-u

--unchecked

Disable the check for cryptographic signature. See VERIFICATION CHECKS, above, for a description of this check.

-e DAYS

--delayed DAYS

Upload to a DELAYED queue, rather than the usual Incoming. This takes a DAYS argument from 0 to 15. Note that a delay of 0 is different from no delay at all.

-v

--version

Display version information, then exit.

-V

--check-version

Enable the check for successful local install. See VERIFICATION CHECKS, above, for a description of this check.

ENVIRONMENT

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 dput.

path/basename.HOSTNAME.upload

The log file that contains a record of the successful upload to HOSTNAME.

path is the directory path of CHANGESFILE.

basename is derived from the CHANGESFILE filename, by removing the directory path and the .changes suffix.

SEE ALSO

dput.cf(5), dcut(1), lintian(1)

?dput? package documentation ?file:///usr/share/doc/dput/?, ?dput? program files

?file:///usr/share/dput/?.

Debian

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