



Linux Ubuntu 26.04 Manual Pages on command 'dpkg-genbuildinfo.1'

\$ man dpkg-genbuildinfo.1

dpkg-genbuildinfo(1) dpkg suite dpkg-genbuildinfo(1)

NAME

dpkg-genbuildinfo - generate Debian .buildinfo files

SYNOPSIS

dpkg-genbuildinfo [option...]

DESCRIPTION

dpkg-genbuildinfo reads information from an unpacked and built Debian source tree and from the files it has generated and generates a Debian control file describing the build environment and the build artifacts (.buildinfo file).

This program was introduced in dpkg 1.18.11.

OPTIONS

--build=type

Specifies the build type from a comma-separated list of components.

The allowed values are:

any Generate build information including unqualified build dependencies (Build-Depends)

and architecture specific build dependencies (Build-Depends-Arch).

all Generate build information including unqualified build dependencies (Build-Depends) and architecture independent build dependencies (Build-Depends-Indep).

source

Effectively ignored; generate build information with just the unqualified build dependencies (Build-Depends).

binary

Generate build information with all three types of build dependencies. This is an alias for any,all.

full

Generate build information with all three types of build dependencies. This is an alias for any,all,source, and the same as the default case when no build option is specified.

-ccontrolfile

Specifies the main source control file to read information from. The default is debian/control.

-lchangelog-file

Specifies the changelog file to read information from. The default is debian/changelog.

-ffiles-list-file

Specifies where is the list of files that have been produced by the build, rather than using debian/files.

-Fchangelog-format

Specifies the format of the changelog. See `dpkg-parsechangelog(1)` for information about alternative formats.

-O[filename]

Print the buildinfo file to standard output (or filename if specified) rather than to dir/source-name_binary-version_arch.buildinfo (where dir is .. by default or upload-files-dir if -u was used).

-upload-files-dir

Look for the files to be uploaded in upload-files-dir rather than .. (dpkg-genbuildinfo needs to find these files so that it can include their sizes and checksums in the .buildinfo file).

--always-include-kernel

By default, the Build-Kernel-Version field will not be written out.

Specify this option (since dpkg 1.19.0) to always write a Build-Kernel-Version field when generating the .buildinfo.

--always-include-path

By default, the Build-Path field will only be written if the current directory starts with an allowed pattern.

On Debian and derivatives the pattern matches on /build/ at the start of the pathname.

Specify this option to always write a Build-Path field when generating the .buildinfo.

--admindir=dir

Change the location of the dpkg database. The default location is /var/lib/dpkg.

-q dpkg-genbuildinfo might produce informative messages on standard error. -q suppresses these messages.

-, --help

Show the usage message and exit.

--version

Show the version and exit.

ENVIRONMENT

DEB_BUILD_OPTIONS

This variable can be used to enable or disable various features that affect the information included in the .buildinfo file, via the buildinfo option (since dpkg 1.18.19). This option contains a comma-separated list of features, prefixed with the ?+? or ?-? modifiers, to denote whether to enable or disable them. The special feature ?all? can be used to enable or disable all other features. The feature ?path? controls whether to unconditionally include the Build-Path field.

DEB_BUILD_PROFILES

If set, it will be used as the active build profile(s) to use when generating the .buildinfo file. It is a space separated list of profile names.

DEB_BUILD_ARCH

Sets the build architecture. This affects the value for the Build-Architecture field, and the check for the cross-compilation mode.

DEB_HOST_ARCH

Sets the host architecture. This affects the filename used for the .buildinfo file, and the check for the cross-compilation mode.

DPKG_COLORS

Sets the color mode (since dpkg 1.18.5). The currently accepted values are: auto (default), always and never.

DPKG_NLS

If set, it will be used to decide whether to activate Native Language Support, also known as internationalization (or i18n) support (since dpkg 1.19.0). The accepted values are: 0 and 1 (default).

debian/files

The list of generated files. dpkg-genbuildinfo reads the data here when producing a .buildinfo file.

SEE ALSO

deb-buildinfo(5).

1.23.7

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