

**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 command 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**.

**-f files-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).

**-uupload-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 a whitelisted 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.

**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).

**FILES****debian/files**

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

**SEE ALSO**

**deb-buildinfo(5)**.