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.

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

        −l_changelog-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.

        −F_changelog-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).

        −u_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 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).