

NAME

Dpkg::Control – parse and manipulate official control-like information

DESCRIPTION

The Dpkg::Control object is a smart version of Dpkg::Control::Hash. It associates a type to the control information. That type can be used to know what fields are allowed and in what order they must be output.

The types are constants that are exported by default. Here's the full list:

CTRL_UNKNOWN

This type is the default type, it indicates that the type of control information is not yet known.

CTRL_INFO_SRC

Corresponds to the first block of information in a *debian/control* file in a Debian source package.

CTRL_INFO_PKG

Corresponds to subsequent blocks of information in a *debian/control* file in a Debian source package.

CTRL_REPO_RELEASE

Corresponds to a *Release* file in a repository.

CTRL_INDEX_SRC

Corresponds to an entry in a *Sources* file of a source package repository.

CTRL_INDEX_PKG

Corresponds to an entry in a *Packages* file of a binary package repository.

CTRL_PKG_SRC

Corresponds to a *.dsc* file of a Debian source package.

CTRL_PKG_DEB

Corresponds to the *control* file generated by *dpkg-gencontrol* (*DEBIAN/control*) and to the same file inside *.deb* packages.

CTRL_FILE_BUILDINFO

Corresponds to a *.buildinfo* file.

CTRL_FILE_CHANGES

Corresponds to a *.changes* file.

CTRL_FILE_VENDOR

Corresponds to a vendor file in `$Dpkg::CONFDIR/origins/`.

CTRL_FILE_STATUS

Corresponds to an entry in *dpkg's status* file (`$Dpkg::ADMINDIR/status`).

CTRL_CHANGELOG

Corresponds to the output of *dpkg-parsechangelog*.

CTRL_COPYRIGHT_HEADER

Corresponds to the header control block in a *debian/copyright* file in machine readable format.

CTRL_COPYRIGHT_FILES

Corresponds to a files control block in a *debian/copyright* file in machine readable format.

CTRL_COPYRIGHT_LICENSE

Corresponds to a license control block in a *debian/copyright* file in machine readable format.

CTRL_TESTS

Corresponds to a package tests control file in *debian/tests/control*.

METHODS

All the methods of Dpkg::Control::Hash are available. Those listed below are either new or overridden with a different behaviour.

`$c = Dpkg::Control->new(%opts)`

If the “type” option is given, it’s used to setup default values for other options. See `set_options()` for more details.

`$c->set_options(%opts)`

Changes the value of one or more options. If the “type” option is changed, it is used first to define default values for others options. The option “allow_pgp” is set to 1 for `CTRL_PKG_SRC`, `CTRL_FILE_CHANGES` and `CTRL_REPO_RELEASE` and to 0 otherwise. The option “drop_empty” is set to 0 for `CTRL_INFO_PKG` and `CTRL_INFO_SRC` and to 1 otherwise. The option “name” is set to a textual description of the type of control information.

The output order is also set to match the ordered list returned by `Dpkg::Control::Fields::field_ordered_list($type)`.

`$c->get_type()`

Returns the type of control information stored. See the type parameter set during `new()`.

CHANGES

Version 1.03 (dpkg 1.18.11)

New type: `CTRL_FILE_BUILDINFO`.

Version 1.02 (dpkg 1.18.8)

New type: `CTRL_TESTS`.

Version 1.01 (dpkg 1.18.5)

New types: `CTRL_REPO_RELEASE`, `CTRL_COPYRIGHT_HEADER`, `CTRL_COPYRIGHT_FILES`, `CTRL_COPYRIGHT_LICENSE`.

Version 1.00 (dpkg 1.15.6)

Mark the module as public.