

NAME

dpkg-statoverride – override ownership and mode of files

SYNOPSIS

dpkg-statoverride [*option...*] *command*

DESCRIPTION

“**stat overrides**” are a way to tell **dpkg**(1) to use a different owner or mode for a path when a package is installed (this applies to any filesystem object that **dpkg** handles, including directories, devices, etc.). This can be used to force programs that are normally setuid to be install without a setuid flag, or only executable by a certain group.

dpkg-statoverride is a utility to manage the list of stat overrides. It has three basic functions: adding, removing and listing overrides.

COMMANDS

--add *user group mode path*

Add an override for *path*. *path* does not need to exist when this command is used; the override will be stored and used later. Users and groups can be specified by their name (for example **root** or **nobody**), or by their number by prepending the number with a '#' (for example **#0** or **#65534**). The *mode* needs to be specified in octal.

If **--update** is specified and *path* exists, it is immediately set to the new owner and mode.

--remove *path*

Remove an override for *path*, the status of *path* is left unchanged by this command.

--list [*glob-pattern*]

List all overrides. If a glob pattern is specified restrict the output to overrides which match the glob.

--help Show the usage message and exit.

--force-help

Give help about the **--force-thing** options (since dpkg 1.19.5).

--version

Show the version and exit.

OPTIONS

--admindir *directory*

Set the administrative directory to *directory*. This is where the *statoverride* file is stored. Defaults to *«/var/lib/dpkg»*.

--instdir *directory*

Set the installation directory, which refers to the directory where packages get installed (since dpkg 1.19.2). Defaults to *«/»*.

--root *directory*

Set the root directory to **directory**, which sets the installation directory to *«directory»* and the administrative directory to *«directory/var/lib/dpkg»* (since dpkg 1.19.2).

--force-things

--no-force-things, **--refuse-things**

Force or refuse (**no-force** and **refuse** mean the same thing) to do some things (since dpkg 1.19.5). *things* is a comma separated list of things specified below. **--force-help** displays a message describing them. Things marked with (*) are forced by default.

Warning: These options are mostly intended to be used by experts only. Using them without fully understanding their effects may break your whole system.

all: Turns on (or off) all force options.

statoverride--add: Overwrite an existing stat override when adding it (since dpkg 1.19.5).

statoverride--remove: Ignore a missing stat override when removing it (since dpkg 1.19.5).

security--mac(*): Use platform-specific Mandatory Access Controls (MAC) based security when installing files into the filesystem (since dpkg 1.19.5). On Linux systems the implementation uses SELinux.

--force

Force an action, even if a sanity check would otherwise prohibit it. This is necessary to override an existing override. This option is deprecated (since dpkg 1.19.5), it is replaced by **--force--all**.

--update

Immediately try to change the *path* to the new owner and mode if it exists.

--quiet

Be less verbose about what we do.

EXIT STATUS

- 0** The requested action was successfully performed.
- 1** For **--list**, if there are no overrides or none match the supplied glob.
- 2** Fatal or unrecoverable error due to invalid command-line usage, or interactions with the system, such as accesses to the database, memory allocations, etc.

ENVIRONMENT

DPKG_ROOT

If set and the **--instdir** or **--root** options have not been specified, it will be used as the filesystem root directory (since dpkg 1.19.2).

DPKG_ADMINDIR

If set and the **--admindir** or **--root** options have not been specified, it will be used as the **dpkg** data directory.

DPKG_FORCE

If set and none of the **--force--...** options have been specified, it will be used as the force options to use (since dpkg 1.19.5).

DPKG_COLORS

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

FILES

/var/lib/dpkg/statoverride

File which contains the current list of stat overrides of the system. It is located in the **dpkg** administration directory, along with other files important to **dpkg**, such as *status* or *available*.

Note: **dpkg-statoverride** preserves the old copy of this file, with extension “-old”, before replacing it with the new one.

SEE ALSO

dpkg(1).