

APPIMAGEKIT(1) | AppImage ... Manual for Version 2017/11

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Name

linuxdeployqt – take an application as input and make it self-contained by copying in the Qt libraries and plugins which the application uses.

Synopsis

linuxdeployqt *options*

Options

-verbose=<0-3> 0 = no output,
1 = error/warning (default),
2 = normal,
3 = debug

-no-plugins Skip plugin deployment

-appimage Create an AppImage (implies **-bundle-non-qt-libs**)

-no-strip Don't run 'strip' on the binaries

-bundle-non-qt-libs Also bundle non-core, non-Qt libraries

-executable=<path> Let the given executable use the deployed libraries too

-qmlidir=<path> Scan for QML imports in the given path

-always-overwrite Copy files even if the target file exists

-qmake=<path> The qmake executable to use

-no-translations Skip deployment of translations.

Differences to macdeployqt

linuxdeployqt is conceptually based on Qt's Mac Deployment Tool, **macdeployqt**. **macdeployqt** lives in the tools applications of the Qt Toolkit. **linuxdeployqt** however has been changed to a slightly different logic and to other tools needed for Linux.

- Instead of an **.app** bundle for macOS, this produces an AppDir for Linux (see also **man AppImage-AppDir.man**).
- Instead of a **.dmg** disk image for macOS, this produces an AppImage for Linux. An AppImage is quite similar to a **.dmg** but it directly executes the contained application rather than just opening a window on the desktop from where the application can be launched with an extra action.

Main Features

By default `linuxdeployqt` deploys the same Qt instance which `qmake` on the `$PATH` points to. The `-qmake` option can be used to point to the `qmake` executable to be used instead.

Plugins related to a Qt library are copied in with the library.

See the “Deploying Applications on Linux” topic in the AppImageKit Wiki documentation for more information about deployment on Linux.

Installation

1. Download **`linuxdeployqt-x86_64.AppImage`** from the Releases page.
2. `chmod a+x` it.

If you would like to build `linuxdeployqt` from source instead, see `BUILDING.md`.

Benefits for Developers

Benefits for End Users

Scope

Description of Tools

Examples

History

Current and Future Work

Specification

Code

IRC

The AppImage developers can be met online in IRC at Freenode in channel `#AppImage`.

Known issues

This may not be fully working yet. See GitHub Issues for known issues. Use with care, run with maximum verbosity, submit issues and pull requests. Help is appreciated.

Bug Tracker

Submit bugs, improvement suggestions, feature requests and PRs at GitHub Issues.

Wiki

List of available AppImage-d Software

Homepage

See Also

AppImage-AppDir(7), AppImage-AppImage(1), AppImage-AppImageKit(7), AppImage-AppImageUpdate(1), AppImage-AppRun(7), AppImage-FAQ(7), AppImage-appimaged(1), AppImage-appimagetool(1), AppImage-payload(7) AppImage-pkg2appimage(1), AppImage-runtime(7), AppImage-validate(1), AppImage-zsync2(1), AppImage-zsyncmake2(1).

Developers

linuxdeployqt is developed by Simon Peter (probono@puredarwin.org) and others.

Author

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