



Welcome to PyInstaller official website

PyInstaller is a program that freezes (packages) Python programs into stand-alone executables, under Windows, Linux, Mac OS X, FreeBSD, Solaris and AIX. Its main advantages over similar tools are that PyInstaller works with Python 2.7 and 3.3—3.6, it builds smaller executables thanks to transparent compression, it is fully multi-platform, and use the OS support to load the dynamic libraries, thus ensuring full compatibility.

The main goal of PyInstaller is to be **compatible with 3rd-party packages out-of-the-box**. This means that, with PyInstaller, all the required tricks to make external packages work are already **integrated within PyInstaller itself** so that there is no user intervention required. You'll never be required to look for tricks in wikis and apply custom modification to your files or your setup scripts. As an example, **libraries like PyQt, Django or matplotlib are fully supported**, without having to handle plugins or external data files manually. Check our compatibility list of Supported Packages (<https://github.com/pyinstaller/pyinstaller/wiki/Supported-Packages>) for details.

Feel free to join us in the effort! Please consult our Roadmap to check our plans. Also usage reports are welcomed: let us know if PyInstaller works for you and how, or what problems you found in using it.

Check our list of Projects using PyInstaller (<https://github.com/pyinstaller/pyinstaller/wiki/Projects-Using-PyInstaller>).

If you have problems to get your application running, please have a look at [If Things Go Wrong \(if-things-go-wrong.html\)](#) and [How to Report Bugs \(how-to-report-bugs.html\)](#), which will help us a lot on solving the bug.

PyInstaller Quickstart

Install PyInstaller from PyPI:

```
pip install pyinstaller
```

Go to your program's directory and run:

```
pyinstaller yourprogram.py
```

This will generate the bundle in a subdirectory called `dist` .

For a more detailed walkthrough, see the manual (<https://pyinstaller.readthedocs.io/>).

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Last updated on Nov 17, 2017.

Created using Sphinx (<http://sphinx-doc.org/>) 1.6.5.