Standalone Python app

PyInstaller bundles a Python application and all its dependencies into a single package. The user can run the packaged app without installing a Python interpreter or any modules. PyInstaller supports Python 2.7 and Python 3.5+, and correctly bundles the major Python packages such as numpy, PyQt, Django, wxPython, and others.

PyInstaller is tested against Windows, Mac OS X, and GNU/Linux. However, it is not a cross-compiler: to make a Windows app you run PyInstaller in Windows; to make a GNU/Linux app you run it in GNU/Linux, etc. PyInstaller has been used successfully with AIX, Solaris, FreeBSD and OpenBSD but testing against them is not part of our continuous integration tests.

https://pyinstaller.readthedocs.io/en/stable/

PyInstaller Quickstart:
Install PyInstaller from PyPI:

```
python -m pip install --upgrade pip
pip install [other required modules]
pip install pyinstaller
```

Go to your program's directory and run:

```
pyinstaller yourprogram.py
```

This will generate the bundle in a subdirectory called dist.

To create a single standalone binary file of any python script from command prompt use:

```
pyinstaller.exe -F pythonscript.py
```

The resulting single binary file will be in the subdirectory dist.

From:
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Last update: **2023/05/29 11:55**