

Getting Started with bbfreeze

You can use `easy_install` to download and install `bbfreeze` or you can just download its source or the egg file directly from the Python Package Index (PyPI). In this article, we'll try using it on a simple configuration file generator script and we'll also try it against the `wxPython` program from the `py2exe` chapter.

Note: I tested on Windows 7 using Python 2.7.3, wxPython 2.9.4.0 (classic) and bbfreeze 1.1.3

```
# config_1.py
import configobj

def createConfig(configFile):
    """
    Create the configuration file
    """
    config = configobj.ConfigObj()
    inifile = configFile
    config.filename = inifile
    config['server'] = "http://www.google.com"
    config['username'] = "mike"
    config['password'] = "dingbat"
    config['update interval'] = 2
    config.write()

def getConfig(configFile):
    """
    Open the config file and return a configobj
    """
    return configobj.ConfigObj(configFile)

def createConfig2(path):
    """
    Create a config file
    """
    config = configobj.ConfigObj()
    config.filename = path
    config["Sony"] = {}
    config["Sony"]["product"] = "Sony PS3"
    config["Sony"]["accessories"] = ['controller', 'eye', 'memory stick']
    config["Sony"]["retail price"] = "$400"
    config.write()

if __name__ == "__main__":
```



```
if __name__ == "__main__":
    createConfig2("sampleConfig2.ini")
```

This script has a couple of functions that are pretty pointless, but we'll leave them in for illustrative purposes. According to the `bbfreeze` documentation, we should be able to create a binary with the following string typed into the command line:

```
bb-freeze config_1.py
```



This assumes that you have **C:\Python27\Scripts** on your path. If you don't, you'll need to type the complete path out (i.e. **C:\Python27\Scripts\bb-freeze config_1.py**). If you run this, you should see a folder named **dist** get created. Here's what mine looked like after I ran **config_1.exe**:

Name	Date modified	Type	Size
_hashlib.pyd	4/10/2012 11:31 PM	PYD File	279 KB
_socket.pyd	4/10/2012 11:31 PM	PYD File	40 KB
_ssl.pyd	4/10/2012 11:31 PM	PYD File	705 KB
bz2.pyd	4/10/2012 11:31 PM	PYD File	59 KB
config_1.exe	4/16/2014 7:11 PM	Application	8 KB
library.zip	4/18/2014 2:00 PM	Compressed (zipp...	768 KB
py.exe	4/16/2014 7:11 PM	Application	8 KB
python27.dll	4/10/2012 11:31 PM	Application extens...	2,250 KB
sampleConfig2.ini	4/18/2014 2:00 PM	Configuration setti...	1 KB
select.pyd	4/10/2012 11:31 PM	PYD File	10 KB
unicodedata.pyd	4/10/2012 11:31 PM	PYD File	671 KB

You will note that when you run the executable, it creates a config file named **sampleconfig2.ini**. You may see a warning about the **pywin32** package not being installed. You can ignore the warning or download and install `pywin32`.

Now we're ready to move on and try to create an executable from code that use `wxPython`!