

# Getting Started with PyInstaller

To install PyInstaller, you can download the source code in a tarball or zip archive, decompress it and run its [setup.py](#) file:

```
python setup.py install
```



You can also install PyInstaller using pip. We will start with our little piece of config creation code:

```
# 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__":
```



```
createConfig2("sampleConfig2.ini")
```

Now let's try to create an executable! You should be able to just do this to get PyInstaller to work:

```
pyinstaller config_1.py
```

















When you run this, you will get the following error:

```
Error: PyInstaller for Python 2.6+ on Windows needs pywin32.  
Please install from http://sourceforge.net/projects/pywin32/
```



To use PyInstaller on Windows, you will need to install **PyWin32** first! Once you have PyWin32 installed, try re-running that command. You should see a lot of output sent to the screen and you should also see these two folders appear next to your script: **build** and **dist**. If you go into the **dist** folder, and then into its **config\_1** folder, you should see something like this:

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	4/18/2014 3:26 PM	Application	1,287 KB
 config_1.exe.manifest	4/18/2014 3:26 PM	MANIFEST File	1 KB
 Microsoft.VC90.CRT.manifest	10/15/2012 9:20 PM	MANIFEST File	2 KB
 msvcm90.dll	10/15/2012 9:20 PM	Application exte...	220 KB
 msvcp90.dll	10/15/2012 9:20 PM	Application exte...	556 KB
 msvcr90.dll	10/15/2012 9:20 PM	Application exte...	641 KB
 python27.dll	4/10/2012 11:31 PM	Application exte...	2,250 KB
 sampleConfig2.ini	4/18/2014 3:26 PM	Configuration se...	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

When I ran the executable, it created the config file just as it should. You will notice that PyInstaller was able to grab **configobj** without you needing to tell it to.

