What is an egg ?

* Python eggs are an older distribution format for Python.The new format is called a Python wheel.
* An egg file is basically a zip file with a different extension. Python can import directly from an egg. You will need the SetupTools package to work with eggs.
* SetupTools is the original mainstream method of downloading and installing Python packages from PyPI and other sources via the command line, kind of like apt-get for Python.

Creating python eggs ?

* First create a new Folder.
* Create setup.py file in this new created folder With the following content

**from** setuptools **import** setup, find\_packages

setup(

name **=** "Name of the new created Folder",

version **=** "0.1",

packages **=** find\_packages()

)

* To create you’ll need to run the following from the command line.

c:\Python34\python**.**exe setup**.**py bdist\_egg

A [python egg](http://peak.telecommunity.com/DevCenter/PythonEggs) is a "a single-file importable distribution format". Which is typically a python package.You can import the package in the egg as long as you know it's name and it's in your path.You can execute a package using the "-m" option and the package name.However, python packages generally do not do anything when executed, and you may get an error. The -c option can be used to run code..

* Python -m sphinx.

sphinx is a package and cannot be directly executed

- python -c "import <package in an egg>; <function>();"

- python -c "import sphinx;

- print sphinx.package\_dir"

C:\Python26\lib\site-packages\sphinx-0.6.1-py2.6.egg\sphinx

Reference links:-

<https://python101.pythonlibrary.org/chapter38_eggs.html>

<https://stackoverflow.com/questions/2051192/what-is-a-python-egg>