

Error: Macro TOC(PyBc, PyBc/Session01, PyBc/Session02, PyBc/Session03, PyBc/Session04, PyBc/Session05, PyBc/Session06, PyBc/Session07, PyBc/Session08, PyBc/Session09, PyBc/f2py, PyBc/swig, PyBc/Cython, PyBc/PyTables, PyBc/PyTaps, PyBc/PythonBots, PyBc/Django, PyBc/GIS, PyBc/AdvancedPython, PyBc/WxPython, PyBc/standardlib, depth=1) failed

unsupported operand type(s) for +=: 'NoneType' and 'unicode'

Installing Scientific Python on Linux

Distributions

Debian Lenny

```
su -
aptitude install ipython python-numpy python-numpy-doc python-numpy-ext python-numpy-dev python-matplotlib python-matplotlib-doc
easy_install rpy2
```

Fedora 12

```
su -
yum install ipython scipy numpy python-basemap python-matplotlib Mayavi python-setuptools-devel R python-tools
easy_install rpy2
```

Gentoo

```
su -
emerge ipython scipy numpy matplotlib mayavi:2 R '>=dev-python/rpy-2' basemap
```

Ubuntu 9.10

```
sudo apt-get install ipython python-numpy python-numpy-doc python-numpy-ext python-numpy-dev python-matplotlib python-matplotlib-doc
```

Ubuntu 9.04

```
sudo apt-get install ipython python-numpy python-numpy-doc python-numpy-ext python-numpy-dev python-matplotlib python-matplotlib-doc
easy_install rpy2
```

UW-Madison CAE

```
ssh -X <username>@best-tux.cae.wisc.edu
mkdir rpy2i
wget http://downloads.sourceforge.net/project/rpy/rpy2/2.0.8/rpy2-2.0.8.tar.gz
tar xvzf rpy2-2.0.8.tar.gz
cd rpy2-2.0.8
python setup.py install --root=~/.rpy2i
echo 'export PYTHONPATH="${HOME}/rpy2i/usr/lib/python2.5/site-packages/' >> ~/.bashrc
source ~/.bashrc
```

Fire up an IPython Shell

At a shell prompt

```
ipython
```

Error: Macro Image(ipython_first_start.png) failed

sequence item 0: expected string, NoneType found

Error: Macro Image(ipython_prompt.png) failed

sequence item 0: expected string, NoneType found

Test your installation

Awesome! Proceed to [Testing your installation](#).