
sphinx_example Documentation

Release 0.1

Steven Murray

February 01, 2016

1	API Summary	3
2	A little ipy example	5
2.1	Another section	5
3	Indices and tables	7

This is a package highlighting how to use sphinx.

Contents:

API Summary

sphinx_example.a_module

A little ipy example

Here we shall execute a small example

```
import sys,os
sys.path.insert(0,os.path.abspath("../.."))
```

```
from sphinx_example.a_module import a_math_func
```

We'll use this function to do the simple integer right triangle:

```
a_math_func(3,4)
```

```
Result is: 5.0
```

```
5.0
```

2.1 Another section

This section does things another way...

```
a_math_func(5,4,hypot=False)
```

```
Result is: 3.0
```

```
3.0
```

2.1.1 Another subsection

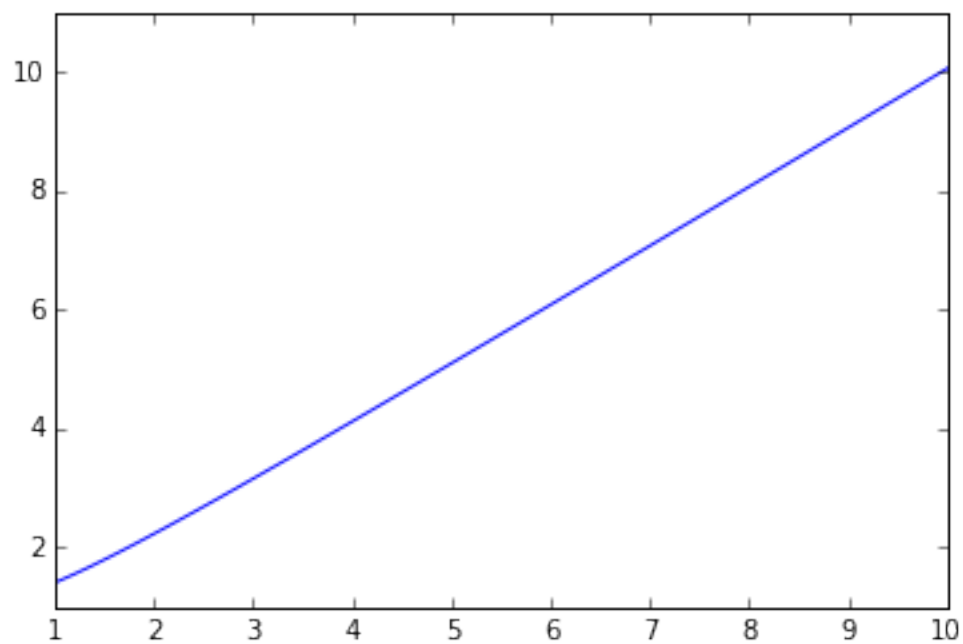
In which we make a plot

```
%matplotlib inline
import matplotlib.pyplot as plt
import numpy as np

a = np.linspace(1,10,50)
b = 1.0
_ = plt.plot(a,a_math_func(a,b))
```

```
Result is: [ 1.41421356  1.5495428  1.69400049  1.8454442  2.0022894
 2.16336157  2.32778341  2.49489274  2.66418391  2.8352661
 3.00783373  3.18164509  3.35650698  3.53226339  3.70878714
```

3.88597367	4.06373628	4.24200254	4.42071154	4.59981167
4.77925895	4.9590157	5.13904945	5.31933207	5.49983908
5.6805491	5.86144335	6.04250528	6.22372026	6.4050753
6.58655883	6.76816051	6.94987108	7.13168222	7.31358643
7.49557693	7.67764758	7.85979282	8.04200758	8.22428723
8.40662756	8.5890247	8.7714751	8.95397552	9.13652295
9.31911463	9.50174801	9.68442074	9.86713061	10.04987562]



Indices and tables

- `genindex`
- `modindex`
- `search`