Code Yarns

Notes from a programmer's journal

How to hide axis of plot in Matplotlib

For most types of plots drawn by **Matplotlib**, the **ticks** and **labels** along both X and Y **axis** is drawn too. To hide the ticks, labels or axis, we need to get the axes of the currently generated plot and change its properties.

• To hide the axis of a plot:

```
import matplotlib.pyplot as mplot

figure import matplotlib.pyplot

figure import matplotlib.pyplotlib.pyplot

figure import matplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplotlib.pyplot
```

• To hide only the **ticks** of a plot:

```
import matplotlib.pyplot as mplot

figure import matplotlib.pyplot as mplot

figure import matplotlib.pyplot as mplot

figure import matplotlib.pyplot as mplot

cur_axes = mplot ...

cur_axes = mplot.gca()

cur_axes.axes.get_xaxis().set_ticks([])

cur_axes.axes.get_yaxis().set_ticks([])
```

• To hide only the **labels** of the ticks of a plot:

```
import matplotlib.pyplot as mplot

figure import matplotlib.pyplot as mplot

figure import matplotlib.pyplot as mplot

figure import matplotlib.pyplot as mplot

cur_axes = mplot ...

cur_axes = mplot.gca()

cur_axes.axes.get_xaxis().set_ticklabels([])

cur_axes.axes.get_yaxis().set_ticklabels([])
```

Tried with: Matplotlib 1.3.1 and Ubuntu 14.04

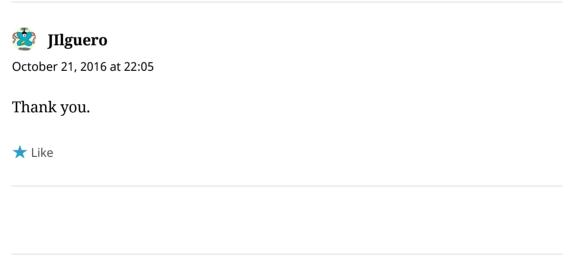
Advertisements

1 of 2 2017/06/11, 12:34



☐ June 29, 2015 👗 Ashwin 🗳 axis, matplotlib

One thought on "How to hide axis of plot in Matplotlib"



Create a free website or blog at WordPress.com.

2 of 2 2017/06/11, 12:34