

Python Mabplotlib Text Plots

Fan Wang

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1 Text Plot

Go to the [RMD](#), [PDF](#), or [HTML](#) version of this file. Go back to [fan's Python Code Examples Repository \(bookdown site\)](#).

1.1 Plot Text

Plot Text as Image. [Create text with different alignment and rotation.](#)

```
# Import Packages
import matplotlib.pyplot as plt
import textwrap
import json

# Dict of String to String
dc_path = {'C:\\Users\\fan\\Documents\\Dropbox (UH-ECON)\\repos\\Tex4Econ\\'
           '_other\\equation\\cases.tex':
           'C:/Users/fan/Documents/cases.pdf',
           'C:\\Users\\fan\\Documents\\Dropbox (UH-ECON)\\repos\\Tex4Econ\\'
           '_other\\symbols\\fs_symbols.tex':
           'C:/Users/fan/Documents/fs_symbols.pdf'}
st_dc_path = textwrap.fill(json.dumps(dc_path), width = 70)

# Start Plot
fig, ax = plt.subplots()

# Text Plot
ax.text(0.5, 0.5, st_dc_path,
        horizontalalignment='center',
        verticalalignment='center',
        fontsize=14, color='black',
        transform=ax.transAxes)

# Labeling
```

```
## Text(0.5, 0.5, '{"C:\\\\Users\\\\fan\\\\Documents\\\\Dropbox (UH-\\nECON)\\\\repos\\\\Tex4Econ\\\\_otl
```

```
ax.set_axis_off()  
plt.show()
```

```
{ "C:\\Users\\fan\\Documents\\Dropbox (UH-  
ECON)\\repos\\Tex4Econ\\_other\\equation\\cases.tex":  
  "C:/Users/fan/Documents/cases.pdf",  
  "C:\\Users\\fan\\Documents\\Dropbox (UH-  
ECON)\\repos\\Tex4Econ\\_other\\symbols\\fs_symbols.tex":  
    "C:/Users/fan/Documents/fs_symbols.pdf" }
```