

# pyGroff, A tiny Syntax guide

*Subhaditya Mukherjee*

## 1.

- 1) -f : input file path
- 2) -o : output file name. (Dont give path!)

## 2.

**drag.ps**

## 3.

### 3.1.

**Note that you have to remove the <>**

% <title> : Adds a title like the one in this document

@ <author> : Author name

< <text> : move to the center (left is default)

> <text> : move to the right

# <text> : Heading level 1

## <text> : Heading level 2.. and so on

- <text> : Lists

~ : if you want to use one of the above in a sentence but do not want it to be formatted. Like this document.

\* <text> : bold

/ <text> : italics

\_ <text> : underline

+ <text> : New page

### 3.2.

| <text> : Table. Format is |[title](1;3;4;5;6,1;3;4;8;9). Separate rows with , and lines with ;

! <image name.jpg> : Make sure it is in the same directory. Or specify the full path. Note that it will be converted to .eps format.

^ <code> : Python code, in quotes like : "import numpy as np; z = np.random.rand(3,3);print(z)" . Please separate lines by ;

### 3.3.

#### Use the arguments

- 1) -c True
- 2) -n "Your name"
- 3) -t "Project title"
- 4) -d This is optional. But it can be another date format

### 4.

- 5) If you have added a title and an author, you must add a body or you will get errors
- 6) Formatting can only be applied to the whole row
- 7) If you are using < or > , please leave a line gap
- 8) If you see any numbering/formatting not working, just leave a line gap. It should mostly work out. If not. File an issue

**5.**

```
import numpy as np  
  
z = np.random.rand(3,3)  
  
print(z)
```

Output :

```
[[0.29799887 0.91299047 0.62053553]  
 [0.08754685 0.05972361 0.85681322]  
 [0.99994821 0.24003052 0.51783913]]
```

**6.**

```
tab(;) allbox ; c a a a cccc . hm) me;me;me;you
```

Thank you

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