pyGroff

Subhaditya Mukherjee

April 30 ,2021

pyGroff, A tiny Syntax guide

Subhaditya Mukherjee

1. Arguments needed

1)   -f : input file path

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

2. Image

3. Main syntax

3.1. General

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. Advanced

| <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.

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

3.3. Need a cover page?

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. Limitations for now
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. What about code

import numpy as np

z = np.random.rand(3,3)

 print(z)

 Output :

```
[[0.49617229 0.42162149 0.34573118]
 [0.35609835 0.37515932 0.93105471]
 [0.99115545 0.8909834  0.06998791]]
```

6. What about tables

Who is cool			
me	**me**	**me**	**you**
1	**2**	**3**	

Thank you

Table of Contents