pyGroff

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1)

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

**4.1. General**

**4. Main syntax**



**3. Image**

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

2)

-f : input file path

-2-

**2. Arguments needed**

it is also being generated by pyGroff.

markdown syntax. This document is an example as well as a syntax list for easy reference. As you can see,

pyGroff is a tiny wrapper around groff which will let you create professional pdfs and documents in almost

**1. Intro**

*Subhaditya Mukherjee*

**pyGroff, A tiny Syntax guide**

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

-d This is optional. But it can be another date format

4)

-t "Project title"

3)

-n "Your name"

2)

-c True

1)

**Use the arguments**

**4.3. Need a cover page?**

= <equation> : One equation per line. For more examples refer below

separate lines by ;

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

verted to .eps format.

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

-3-

**4.2. Advanced**

ˆ: Superscript

(Note that this should be in a new line)

+ <text> : New page

\_ <text> : underline

/ <text> : italics

\* <text> : bold

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

- <text> : Lists

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

# <text> : Heading level 1

> <text> : move to the right

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

@ <author> : Author name

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

sub : subscript

**1**

**1**

**1**

**1**

**8. What about equations**

**8.1. Further syntax specification for easier equations**

1)

!= : not equals

2)

>= : greater than or equals (etc etc)

3)

sup : superscript

4)

**you**

5)

over : divided by

6)

pi

7)

for any greek letter : just spell it out. Put spaces before and after

8)

cdot : circle dot

9)

del : grad symbol

10)

grad : grad symbol

11)

sum : sum symbol { write as from {i=1} etc }

[[0.53836351 0.25241351 0.52093701]

**5. Limitations for now**

1)

If you have added a title and an author, you must add a body or you will get errors

2)

Formatting can only be applied to the whole row

3)

If you are using < or > , please leave a line gap

4)

If you see any numbering/formatting not working, just leave a line gap. It should mostly work out. If

not. File an issue

**6. What about code**

import numpy as np

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

print(z)

Output :

-4-

[0.08207256 0.80963911 0.83835987]

[0.83206604 0.76433031 0.05281519]]

**7. What about tables**

**Who is cool**

**me**

**me**

**me**

)

γ

5

3

*a*

\* 600

+

=

7

10

100

γ

δ

=

*f* (

3

. 8

*r*

θ

π

∞

1

Σ

=

1000*x*

=

*i*

1

Thank you

inter : intersection

12)

int : integral

13)

inf : infinity

14)

partial : partial differential symbol

15)

half : 1/2

16)

prod : product symbol

17)

union

18)

-5-

**8.2. Some examples**

3

*a*

5

*b*

=

+

− =

+

*x*

3

5*x*

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6. What about code

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7. What about tables

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5. Limitations for now

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8.2. Some examples

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8.1. Further syntax specification for easier equations

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8. What about equations .

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4.3. Need a cover page?

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3. Image .

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1. Intro

**Table of Contents**

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2. Arguments needed .

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4.2. Advanced

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4. Main syntax .

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4.1. General

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