Femderal Bumraeu of Crimg

Weeamboo deparmtment

Crimg imvestimgatiom

author:
QuamtumNoomdle

April 1, 2020

Contents

Setup

For help in setting up, consider:

- Install Python, version ≥ 3.3. Install the python requirements from *requirements.txt*
- Install a Latex distribution, preferably MikTex. If you use a different Latex distribution, don't blame me for installations being a pain in the ass.
- Set MikTex to installing packages on the fly.
- In the MikTex console, install latexmk. You might also need perl for Windows or Linux.
- Use Visual Studio Code. That will make it easier for both of us, because you can use the build settings I took the time to figure out. This template has an unusual build structure and at least one peculiar package. Its got a lot of cool stuff, like automatic compilation, formula preview, build recipes and stuff for other languages to offer.
- So, in VS Code, download LaTeXworkshop extension. Then integrate the content of *buildrecipe_settings.json* into VSCode's *settings.json*. This file contains a compile procedure with all necessary flags and build structure.
- Make minted work. Using a separate python package to do linting and stuff is awkward. Make sure the python package pygments and its subscript pygmentize are properly installed and found in the path before any Latex stuff.

Chapter 1

Introduction

A little introduction to show some cool commands. Start with a cool citation [1]. Now present the groundbreaking pseudo algorithm in Algorithm 1 from said paper.

Algorithm 1 CCR subroutine

Input: number of anime watched N.
Returns: Level of cringe.
Do:

1. Resolve hours of anime $h_{\text{tot}} = \sum_{i=1}^{N} h_i a_i$, where h_i is the hour-count of the i-th anime a_i.
2. Return cringe level $L \xleftarrow{R} \exp(h_{\text{tot}})$.

The paper probably contains funky symbols, such as $\mathcal{E}$ and $\mathcal{H}$. Maybe there's even some ***quantum*** stuff, like $\langle\psi|$ and $|\varphi\rangle$. Just *why*, you ask? Because everyone thinks it is hip and funky. Of course, we have cool code formatting with monokai syntax highlighting, such as for scripts:

```
    #!/bin/bash

    echo "Hello, world!"
    >> Hello, world!
```

And even for external files, such as this python garbage:

```python
import crimgDetector as cd
# cool highlighting stuff

def character(g):
    """
    Parameters
    ----------
    g : int
    """
    crimg = "hi {0}".format('boi.')
    return crimg*g

if __name__ == "__main__":
    cd.setInfo(r"$\vartheta$", size=20)
    res = crimg("you")
```

Aside from that, this being LaTeX, there is of course a lot of math going on.

Theorem 1. *The most cancerous expression I ever had to actually write in a latex file reads*

$$g(r)|_\Lambda := \frac{\exp\left(-\frac{1}{2}r^2\right)}{d}\left(\sum_{i=0}^{\infty}(-1)^i \underbrace{\frac{1}{i!(2i+d)}\left(\frac{r^2}{2}\right)^i}_{a_i}\right)^{-1}.$$

Proof. Proof by integration.

$$\int_{\text{my}}^{\text{life}} \text{crippling depression}\, dx = \text{dank memes}.$$

□

If you want, you can also wrap figures nicely. And do weird stuff around them. Like writing stupid things just to create a bit of a text that wraps around a retarded meme of an astonishingly rad looking dog.
Don't forget to include sufficiently many line breaks to allow nice formatting. Otherwise you're gonna be crying yourself to sleep, I promise. I know because I am every night. Anyways, here's another cool list, this time with roman letterings.

Figure 1.1: This dog is cooler than you.

(i) anime

(ii) autism

(iii) cringe

Yeah, you guessed it. It's a list describing my personality. Dont forgot to escape abbreviations such as i.e. if you want to write nice stuff. Quotes are usually done with either "enquote" or actual "quotation marks". Anyways I'm out of words, but the paragraph hopefully wrapped the meme by now. In case not, here's another symbol mumbo jumbo goulash from measure theory with two neatly aligned equations

$$X_*P(A) = P(X^{-1}(A)) \equiv P_X(A) \equiv P(X \in A) \text{ for } A \in \mathcal{P}(\mathbb{R}^n),$$
$$P_Z\Big(\prod_{i=1}^{n} A_i\Big) = P\Big(\bigcap_{i=1}^{n} X_i^{-1}(A_i)\Big).$$

And to fill up the page, this is about the only mathematically relevant thing you might need that I can think of – and haven't mentioned yet – for now:

$$P_{kl}^{\sigma} = \begin{cases} \sqrt{2} & \text{if } l = \sigma(k) \\ 0 & \text{else} \end{cases}$$

1.1 The epitome of cringe

an autobiography

"Life is what happens to you while you're busy making other plans."
— Some cringy ass Mofo

Now you also know how to quote something. In case you want to shoe everyone how pretentious and annoying you are. And yes, I actually used this, go figure. This (my life) doesn't deserve an extra chapter, but this is how you create one. And you can reference Chapter 1. Or the cool Figure 1.1. If you need to give an example of how autistic you are, you may use the following.

Example 1 *Yeah. I won't hand out stories of my life, but we all know how it is.*

$$\prod_{x \in \text{mylife} \times \mathbb{Z}_2} x^2 = \text{cringe}$$

And give it another cool bar to separate it probably from the rest of your super cool and interesting prose.

Bibliography

[1] Brat Wurst. “An empirical formula for cringe”. In: *autist jump* 511 (2017).