

How to Pykell - Tillo Bosshart

About Pykell

Pykell is a Python 3 module for generating static websites or goodlooking documents. Thanks to [pandoc](#) and [pypandoc](#).

Features

- generating html from an input markdown file
- generating pdf from an input markdown file ([XeLaTeX](#) required, easiest way to get it: install [TeXLive](#) or [MiKTeX](#))
- input files can have a [yaml](#)
- if the tex template uses the [listings](#) package, syntax highlighted code listings are possible.
- merge pdfs.
- copy directory structures and files (useful for images, css and js stuff).
- generate filelists, either for internal stuff or as a html snippet.
- including text via a variable in a template (for example a filelist html snippet)

TODO:

- implementing a server listening to the output directory
- checking files, only process if either the input or the template changed
- maybe some kind of gallery thing

Example

The following code shows how the example is build

```
1 #!/usr/bin/env python
2 # -*- coding: utf-8 -*-
3 from Pykell import Pykell
4
5 site = Pykell(False)
6
7 def main():
8
9     for f in ['README.md',]:
10         site.compile(f, 'demo/', 'templates/example.tex', 'pdf')
11         site.compile(f, 'demo/', 'templates/example.html')
12
13     site.copyDir('css/', 'demo/')
14
15 class Site(Pykell):
16     if __name__ == '__main__':
17         main()
```