

Markdown to PDF

Sublime setup to quickly convert Markdown files to PDF through LaTeX with Pandoc

Why

As a fairly new OSX user with my fancy new Macbook I came across a fair amount of issues that held me from optimizing my workflow. Since I have been using Windows for ever, not having the default Microsoft Office Word on my Macbook was an issue. So I had to look for a solution where I could make documentation or reports for school with less to none effort.

Sublime

Sublime Text is a sophisticated text editor for code, markup and prose. You'll love the slick user interface, extraordinary features and amazing performance.

First of all, before we start all of this, you need to have Sublime Text installed. So go ahead and go download Sublime Text (3) from: <https://www.sublimetext.com/3>

Sublime Package Control (optional)

For a quick and easy way to setup plugins and other handy things for Sublime install Sublime Package Control. This is optional but comes in handy if you'd like to preview your markdown files in your browser.

After installing Sublime Package Control you press `cmd+shift+p`. Search for Markdown Preview and click it, this will install a handy tool for you to preview your markdown files in your browser without much effort. To use simply press `cmd+shift+p` again and type in Markdown, select Markdown Preview and select browser.

Pandoc

If you need to convert files from one markup format into another, pandoc is your swiss-army knife. Pandoc can convert documents in markdown, reStructuredText, textile, HTML, DocBook, LaTeX, MediaWiki markup, TWiki markup, OPML, Emacs Org-Mode, Txt2Tags, Microsoft Word docx, LibreOffice ODT, EPUB, or Haddock markup.

You download Pandoc from here: <http://pandoc.org/installing.html>
You will need Pandoc to convert your Markdown files to PDF files.

Custom Sublime Build

First off we need to create a new Sublime-Build. Go to **Tools > Build System > New Build System ...**

This opens a file, replace the content with:

```
{
"shell_cmd": "pandoc -o \"$file.pdf\" \"$file\" && open -a Preview
\"$file.pdf\"",
"selector": "text.html.markdown",
"path": "/usr/texbin:$PATH"
}
```

Save your new custom build to **Sublime Text 3/Packages/User** and name it as you desire.

Now after saving go back to **Tools > Build System** and select your new build. Now whenever you are writing your markdown and wish to convert it to PDF just press **cmd+b** and it will convert it on the spot.

Custom template (optional)

Grab your custom LaTeX template and edit your custom build that you made in the previous step.

```
{
"shell_cmd": "pandoc -o \"$file.pdf\" \"$file\" && open -a Preview
\"$file.pdf\" --template=\"/Users/Niels/.pandoc/default.latex\",
"selector": "text.html.markdown",
"path": "/usr/texbin:$PATH"
}
```

Where ‘Niels’ is your Username of your Macbook and ‘default.latex’ is the name of your LaTeX template.