

# Documentation for using Atom and Pandoc

## Pandoc

To use Pandoc to convert to pdf, you need the package platformio-ide-terminal. This allows to use the terminal inside of Atom. Once installed, it can be called with the command Ctrl-‘.

These are the commands for using pandoc. Call the commands in the terminal.

**pandoc markdownfilename.md -s -o view.pdf**

Creates a pdf called view.pdf from the file markdownfilename.md.

Option -s for standalone and option -o for output.

Add -toc for table of contents

## Markdown

### Beginning a document

Between triple lines (—) write the title and author, as follows:

---

title: Something

author: myself

---

### Lists

Do two enters and - (slash). Looks like this:

- First
- Second

To indent the lists, use a tab:

- First
  - Second

### Small but useful

To do a single linebreak, use two spaces and enter. To change paragraph, use two enters. A single enter doesn't do anything.

To write taken characters, use the escape character backslash \.

Known taken characters are:

---  
,

## Using Git

First install Git. It is required to work properly.

On Git bash, write the following commands for set up:

```
git config --global user.name "Napoleon Freitas Paajanen"
```

```
git config --global user.email "napoleonfreitaspaajanen@gmail.com"
```

currently using the following sites:

Basics of git: <https://git-scm.com/book/en/v2/Git-Basics-Recording-Changes-to-the-Repository>

Possibly in the future use "git-control" package for easier use.

### Initialize git

This can be done inside Atom.

- File > Open Folder > "find the folder you want to control"
- Press the arrow on the right side of editor (not visible until you put your mouse over there) of Atom to open the git panel
- Press Create Repository > init

### Pushing an existing repository to github

- First initialize git on the folder (separate instruction)
- Then commit some initial files (separate instruction)
- Next start a new repo in github with the same name as the folder in your computer, but don't initialize with a README (don't click on that option)
- Launch git bash on the target folder in your computer and do
  - git remote add origin "name of github url"
  - git push -u origin master
  - You might need to put some passwords or something at this stage

### Clone a repository

- Go to github and get the "clone url"
- Open git bash and write git clone "clone url"

## **Staging, adding, committing and others.**

This can all be done internally in Atom so one does not need to know commands. However, if one wants to use the git bash, one can use: - Stage all: `git add .` - Need to add more when I feel like it. For now, use Atom.

## **Latex**

In order to use Latex commands, use double dollars `$$`. E.g.,

$$y \in R(A)$$