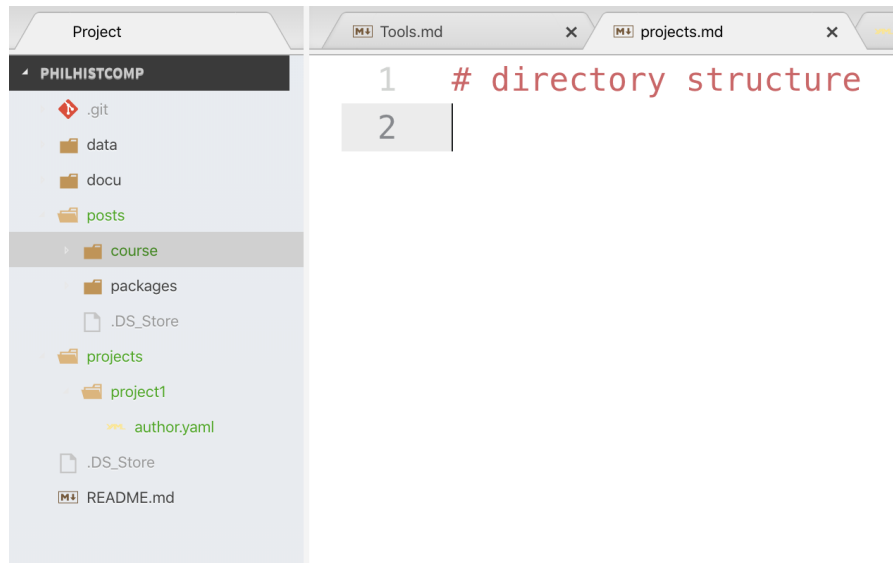


directory structure



Materials for seminar conferences

Week: June 4th, 2020

- Goals
 - Starting the Jupyter Lab working environment
 - Structure of the page
 - In the sense of "iterate programming" (Donald Knuth)
 - Explanatory narrative text
 - Comprehensible part of the program by others
 - Rules of construction
 - Not too lengthy notebooks, few tasks
 - only required textual explanations
 - Hilfe/Tutorials/Info jeder Art
 - Project considerations
 - Title and description of the task
 - Programmes
 - Import of libraries
 - Import of sources, raw data
 - Data wrangling: generating research data
- Jupyterlab
 - Title, Task
 - import of program libraries

- Importing research sources
- creation of research data
- Python tips
 - Define functions
 - Pandas Functions
 - read
 - .head()
 - Copy, slice
 - Filtering of subsets
 - Searching with regular expressions
 - Similar expressions (fuzzy)
- Spacy and the art of linguistic analysis
 - 2 lines to set up
 - From text to doc
 - What are and can Docs
 - Spacy Tutorials