**Conversion of python docstring to HTML doc through sphinx tool**

* pip install sphinx
* pip install m2r2
* mkdir docs && cd docs*sphinx-quickstart -q -p "<Project>" -a "<Author>" -v "<Version>"*
* Uncomment and Update the paths to make out python package visible

**import** os  
**import** sys  
sys.path.insert(0, os.path.abspath(**'.'**))  
sys.path.insert(0, os.path.abspath(**'..'**))

* Load sphinx extensions. You can read about the extensions in detail [here](https://www.sphinx-doc.org/en/master/usage/extensions/index.html)

extensions = [  
 **'sphinx.ext.napoleon'**, *# Supports Google / Numpy docstring* **'sphinx.ext.autodoc'**, *# Documentation from docstrings* **'sphinx.ext.doctest'**, *# Test snippets in documentation* **'sphinx.ext.todo'**, *# to-do syntax highlighting* **'sphinx.ext.ifconfig'**, *# Content based configuration* **'m2r2'** *# Markdown support*]

* Add supported file extensions for documentation

source\_suffix = [‘.rst’, ‘.md’]

sphinx-apidoc -f -o . ../

You will see new .rst files, including a modules.rst inside your docs folder. We need to update this file inside our main index.rst

Welcome to Projects's documentation!  
====================================  
  
.. **toctree::  
 :maxdepth:** 2  
 **:caption:** Contents:  
   
 modules

To add .md file, you will need to follow the syntax (instead of simply using .rst file name)

.. mdinclude:: ../README.md

Finally, we can build our rst / md files

make html​

If all goes well, you will have html files generated inside docs/\_build/html/​

*You can ignore some of the warnings, if they look irrelevant.*

You can manually check the webpages by starting a python http server and redirect to the aforementioned directory in the browser (localhost:8000)

python –m http.server​

You should be able to see some fancy website containing the documentation of your module.