FWITest Setup

# Setup folder structure

Add test process to project.

Possible location scripts.

~/parallelized-fwi/tests/testScripts/**executeTests.py**

~/parallelized-fwi/tests/**inputParameters.csv**

Copy files. Current location is ~

mkdir ~/FWITest

cp ~/parallelized-fwi/tests/testScripts/executeTests.py~/FWITest/

cp ~/parallelized-fwi/tests/inputParameters.csv~/FWITest/

cp -avr ~/FWIInstall/default/~/FWITest/

rm ~/FWITest/default/output/\*

Go to the FWITest folder to execute the test sequence. The executeTest.py has a maximum of 3 arguments. [1] Start of the execution row, [2] End of the execution row, [3] Which execution file it uses default inputParameters.csv.

cd ~/FWITest

python executeTest.py 1 2

# Things to improve

1. In order to run the postprocessing-python3.py file changes need to be made to the Outputlogger.py. This file is generating compile errors and blocks the process. Quick fix: comment out line 161. This calls the Outputlogger function.
2. The executeTest.py needs some changes.
   1. The integrated logger needs to be in an external file.
   2. The way the replace a value in the input files need to be investigated for a more reliable method (find var name instead of the value. Some JSON extension with in Python should be able to cover this).
   3. The file need to have a better error handling
   4. The file need to be setup with defs and classes