Meeting 27.03.2018

Python-based Paraview postprocessing

Participants

- Jomo, John
- Baxter, Dylan
- Droll, Darwin

Content

- Understanding of the tools
    - Python
    - C++ (to a minimum)
    - Ubuntu
    - AdhoC (to a minimum)
    - ParaView
- AdhoC is a program written in C++ that is doing the calculations
- Our program should get the data of a small part of the structure and deliver it to AdhoC
- Alternating AdhoC should only happen to a minimum
- How to reach a higher grade: Propose and develop an own idea on the topic, advance functionality in the scripts

Tasks

- Set up the software
    - Python
    - Paraview
    - Ubuntu (on Windows)
- Learning the basics of python through online tutorials
    - Get to know what pvpython and pvserver mean
- Paraview tutorial:
  http://www.dma.uvigo.es/files/cursos/elmer2/Sesion8/ParaViewdTutorial42.pf
- Paraview guide: https://www.paraview.org/paraview-guide/

Next meeting

- In about 2 weeks