Python-based Paraview postprocessor

Project Characteristics

Modeling:	★★★☆☆
Mathematics:	★★★☆☆
Programming:	★★★★☆
Science:	★★★★☆

Setting:

This project seeks to develop a lightweight python based **postprocessor** that can be used in **paraview** to visualize and manipulate results obtained from a finite element simulation, in this case the finite element framework of the CIE chair, *AdhoC++*, will be used.

Your Tasks:

- Understanding how python scripting in paraview works
- Extraction of mesh and topological data from *AdhoC++* and its output files
- Implementation and testing of different postprocessing functionality

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