High Performance viewer for FEM mesh generator
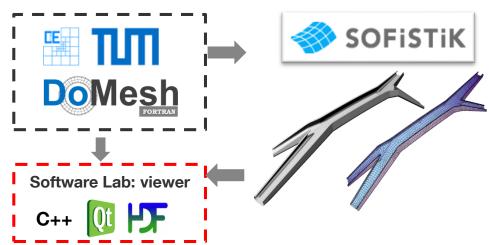
In Cooperation with SOFiSTiK

Project Characteristics

Modeling: ★★☆☆☆
Programming: ★★★★☆

Setting:

- SOFiSTiK AG uses for their structural analysis applications the DoMesh meshing library

- DoMesh is maintained by the chair of CiE

- Stability, robustness and mesh quality are crucial for industry

- A powerful debugging tool for DoMesh is needed

Your Tasks:

Create a fast, lightweight mesh viewer, which

- ...visualizes geometric input and FE meshes

- ...is tailored to the DoMesh meshing library

- ...is cross-platform compatible

Software Lab: viewer

C++