

2. Homework sheet - soofeaM

Exercise 1

Explain in 1 short sentence each the role of the following classes in `soofeaM`:

- Model
- Shape
- RealIntegrationPoint
- NaturalIntegrationPoint
- Type
- Jacobian
- Implementation
- DOF
- Analysis

Submission: Upload a text file in the TeachCenter.

Exercise 2

Sketch an UML diagram with the following classes:

- NodeContainer
- Element
- Shape
- Type
- Implementation
- Jacobian
- RealIntegrationPoint
- NaturalIntegrationPoint

To do this, combine the UML diagrams from the second unit. You only have to add properties and methods which you think are important.

Submission: Upload a scan of your drawing it in the TeachCenter.