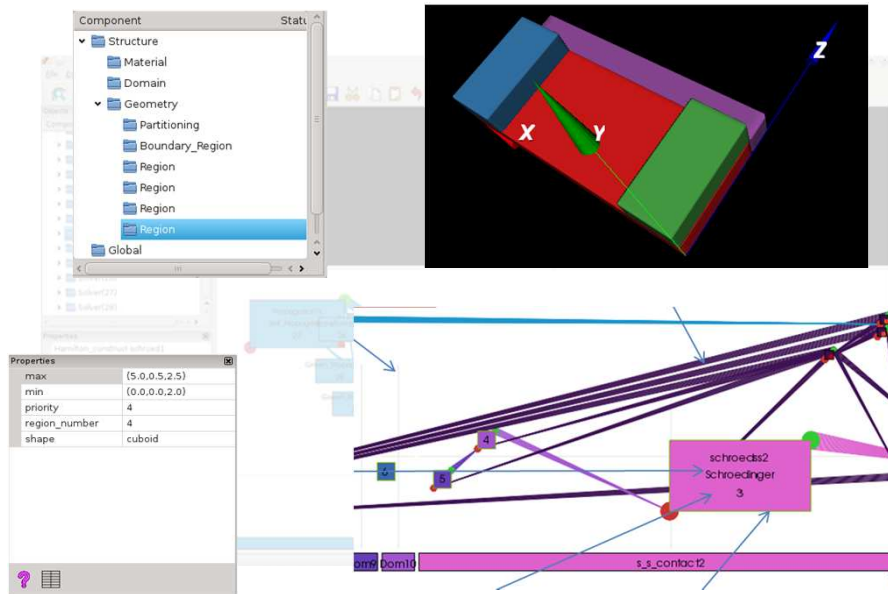


**Objective:** to create a Graphical User Interface for Nemo5

- To visualize/interact with the device geometry
- To visualize/interact with the dataflow definition
- To visualize output results from the simulation.

**Approach:** create a framework that contains:

- Tree View: Shows the tree representation of the file
- Parameters: Shows the parameters of a previously selected definition
- 3D Device: Shows the 3D representation of the device
- DataFlow: Presents the dataflow structure of the solvers



**Results:**

- NemUI allows user to create, load and visualize input deck files
- All different views are synchronized
- relations between inputdeck definitions are represented graphically.
- geometrical description of the device is visualized as a 3D model.