

Objective: to create a Graphical User Interface for Nemo5

- visualize/interact with the device geometry
- visualize/interact with the output results
- browse Nemo5 Documentation

Approach: create a client-server tool:

- Backend: The same libraries of Nemo5
- Frontend: HTML5/WEBGL
- Device Modeling: Visualization of the model before execution
- Output: Plugins to visualize output files

Results:

- GUI allows users to create, load, visualize and modify input deck files.
- Geometrical description as a 3D model
- All different views are synchronized
- Python plugins supported (Paraview, Plot.ly)

