

## #1279: SimLab – Import HyperMesh and Inspire Database

**Product:** SimLab

**Product Version:** SimLab 2017.2 or above

### Topic Objective

Import Hypermesh and Inspire database file in to SimLab.

### Topic Details

#### Import Options

Import option is used to bring the CAD and FEM models into SimLab from external files. CAD models like Catia, I-Deas, Parasolid, ProE, Uni-Graphics and Step can be imported without data loss. Deck files of Abaqus, Nastran, Permas, Patran and Marc can also be imported. Data formatted files like standard StereoLithography (StL) file format and Virtual Reality Modelling Language (vrm) can also be imported into SimLab.

#### Database

This option is used to import SimLab database file (\*.slb and \*.gda), HyperMesh database file (\*.hm) and Inspire database file (\*.stmod).

Regarding SimLab database file, this option is used to merge a SimLab database file into a current SimLab database which is open (\*.slb).

- **HM:** FEM information present in HyperMesh database can be imported. No support for CAD information.
- **Inspire:** CAD information present in Inspire database can be imported in SimLab as Parasolid file. No support for FEM information

