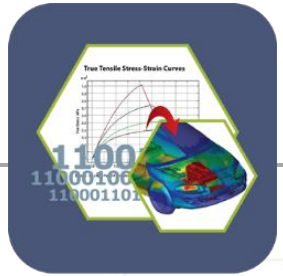
Matereality-HyperWorks Connectivity

strengthening the materials core of manufacturing enterprises

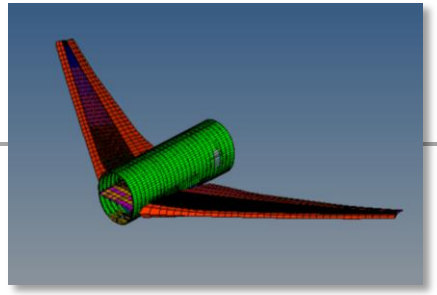
Create CAE Master material files for use in HyperWorks



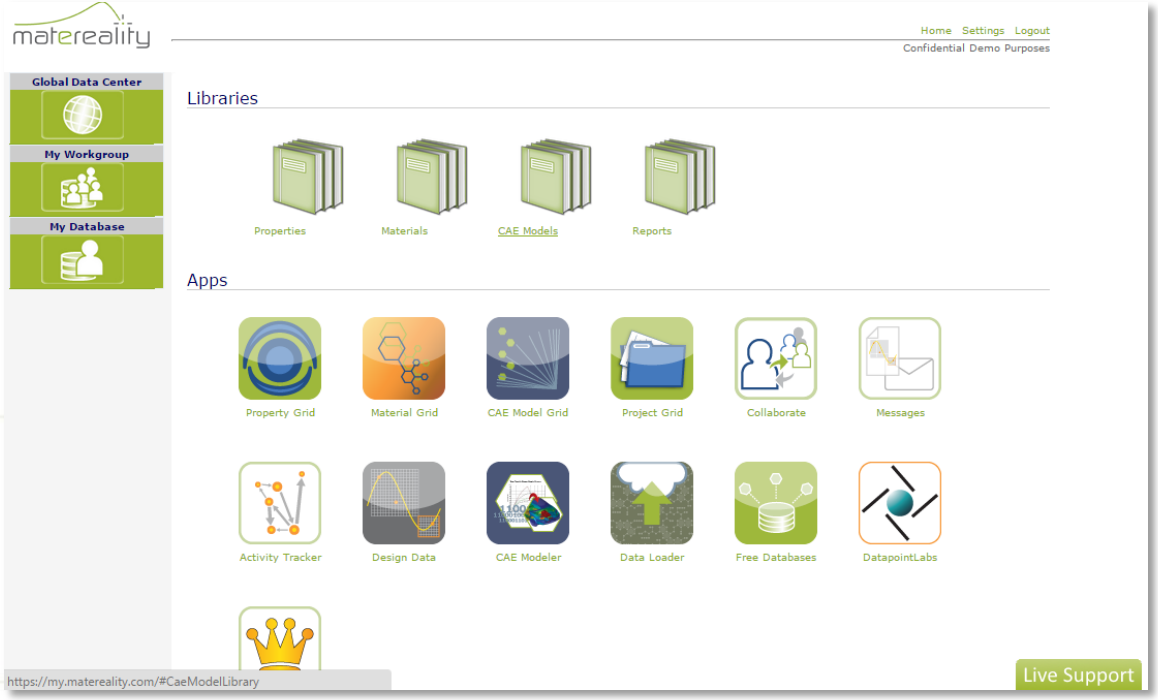
CAE Modeler

CAE Models

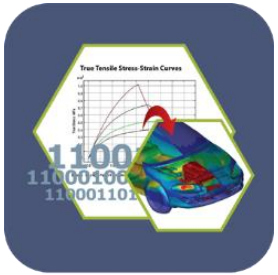
Altair HyperWorks



Populate your Workgroup Material DatabasePro with your CAE material files and product-specific material data

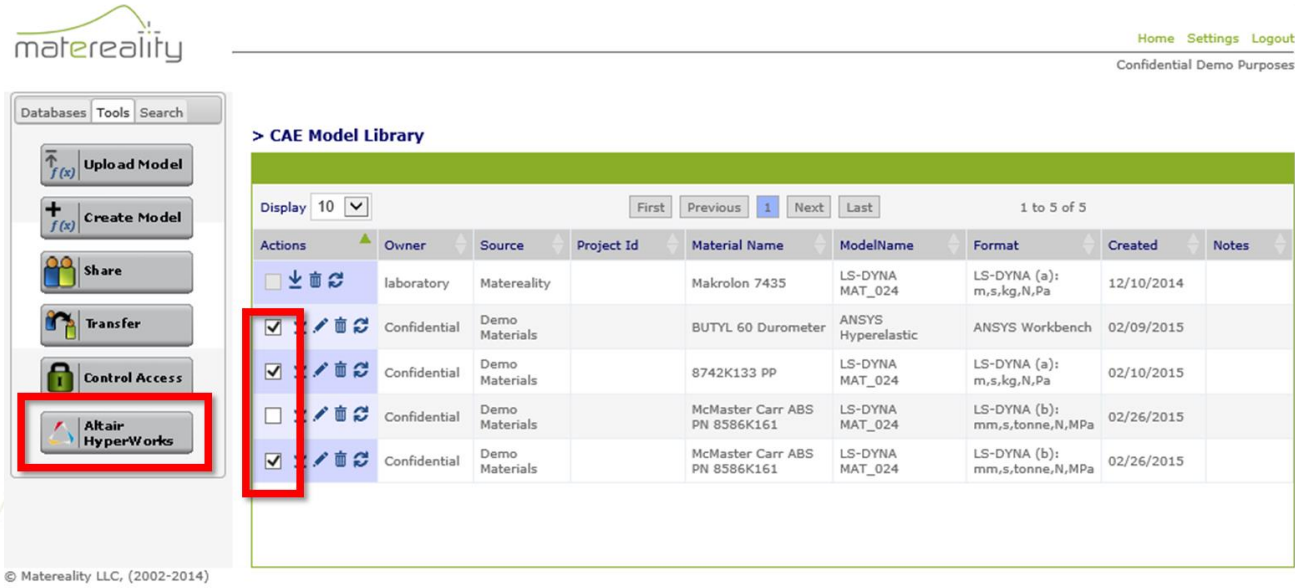


Create analysis-ready material cards



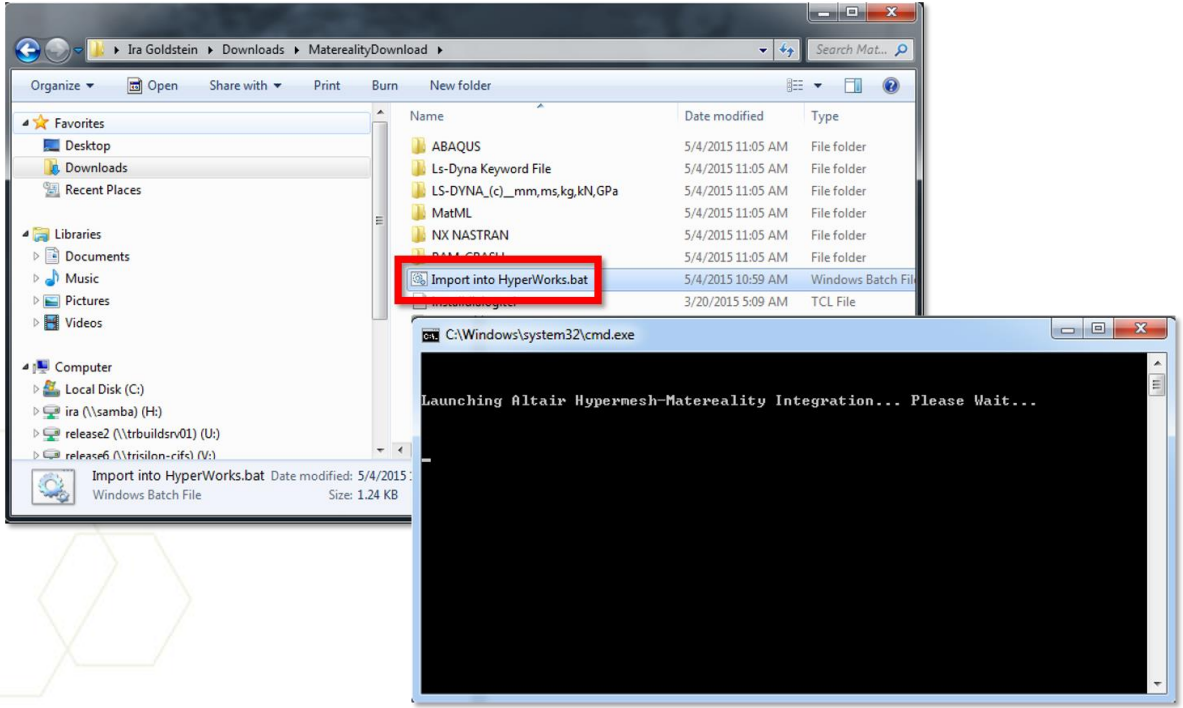
CAE Modeler

Select model files from your library and click the Altair Hyperworks button

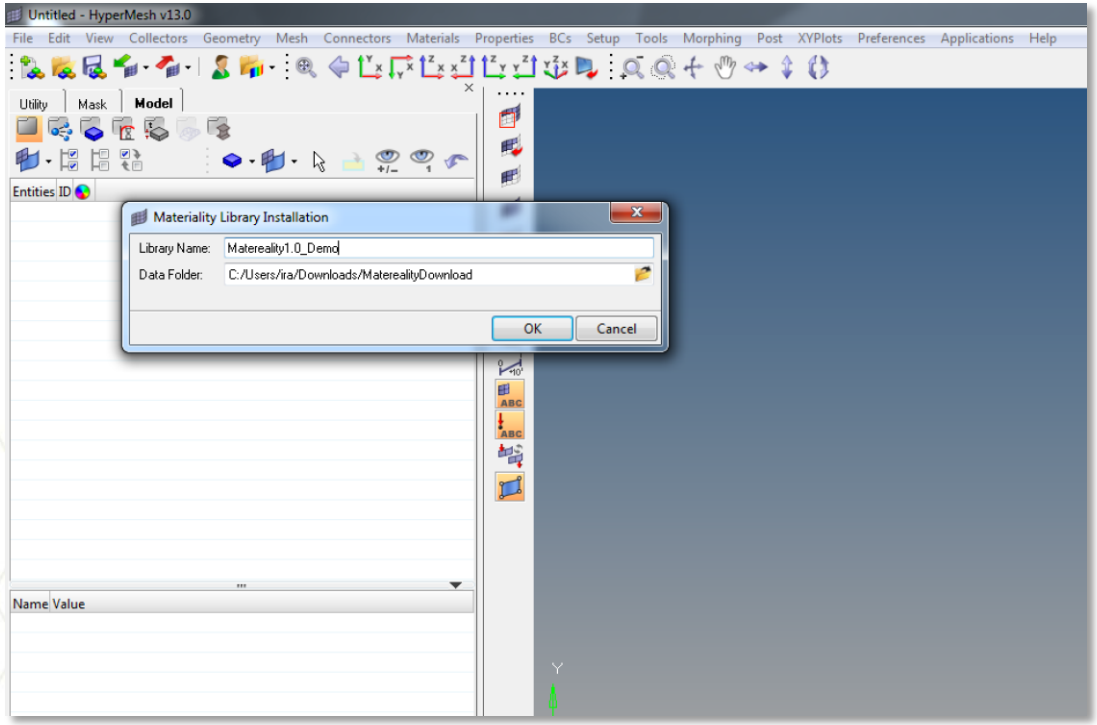


CAE Models

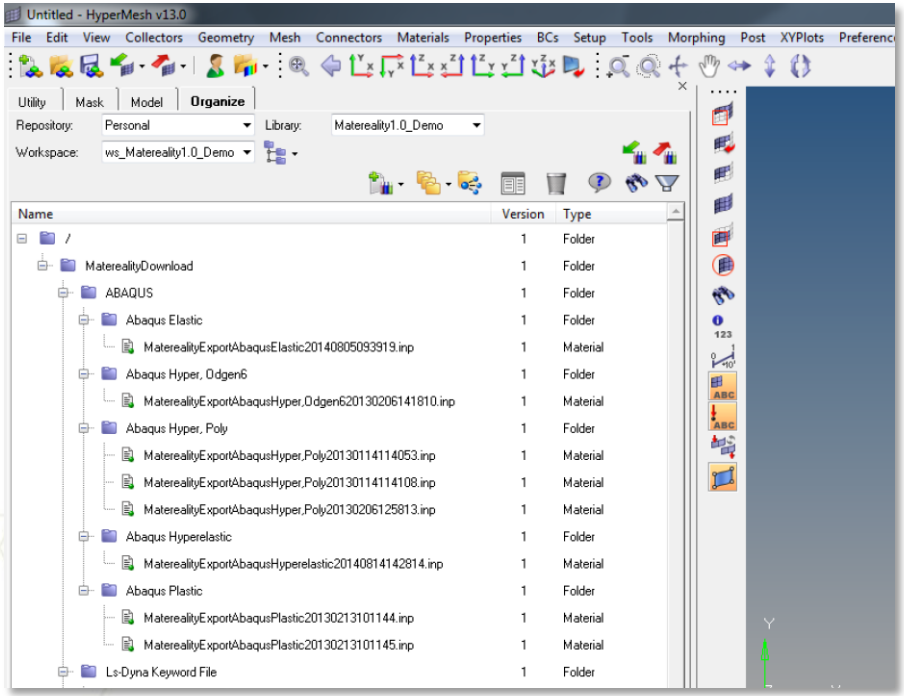
Launch the Altair HyperWorks-Matereality Integration



Give the library a name, and select the folder that contains your Master Material models

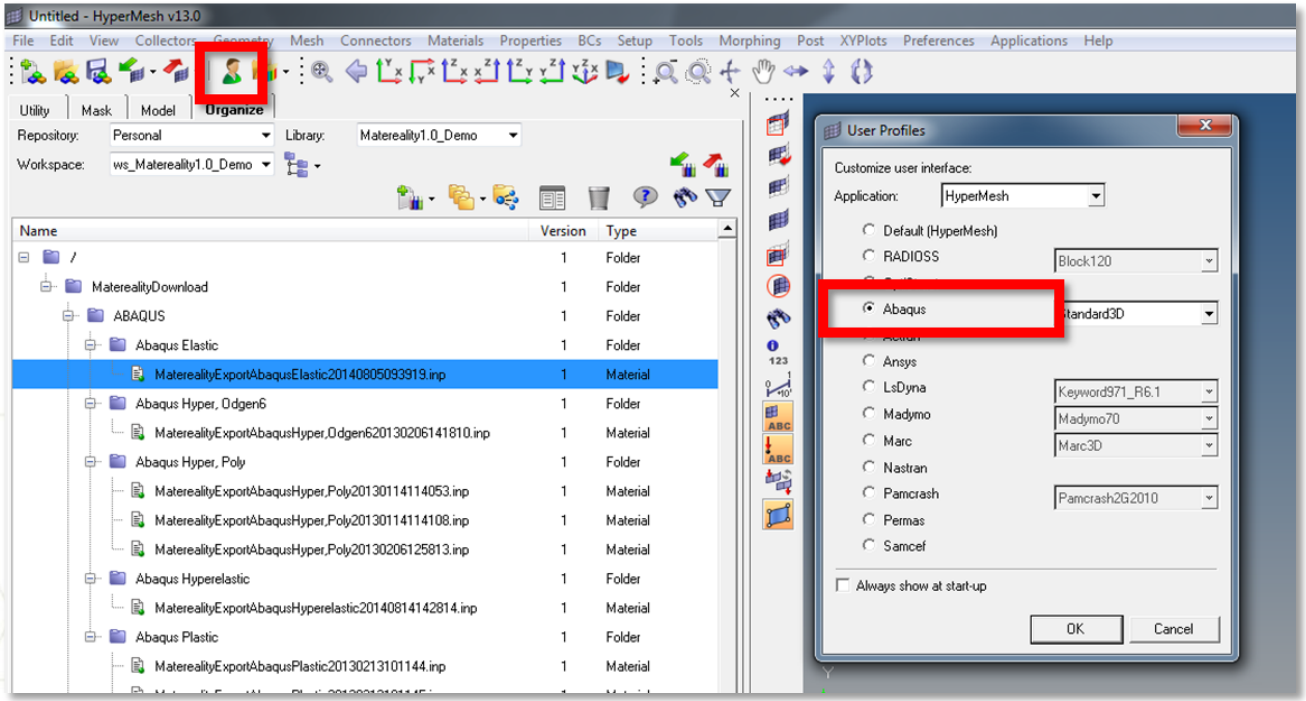


You can now view your master material model files within the HyperMesh Organize browser

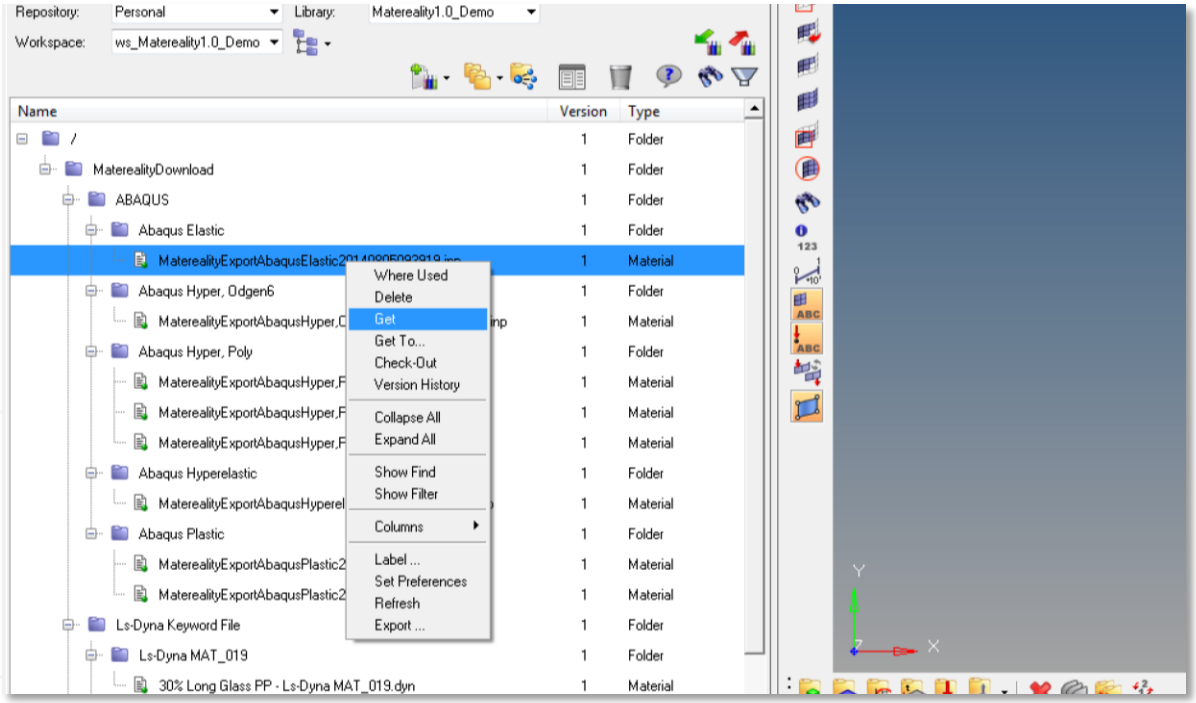


*Note: usable files are categorized as ‘Materials’ while unusable files are categorized as ‘General Files’

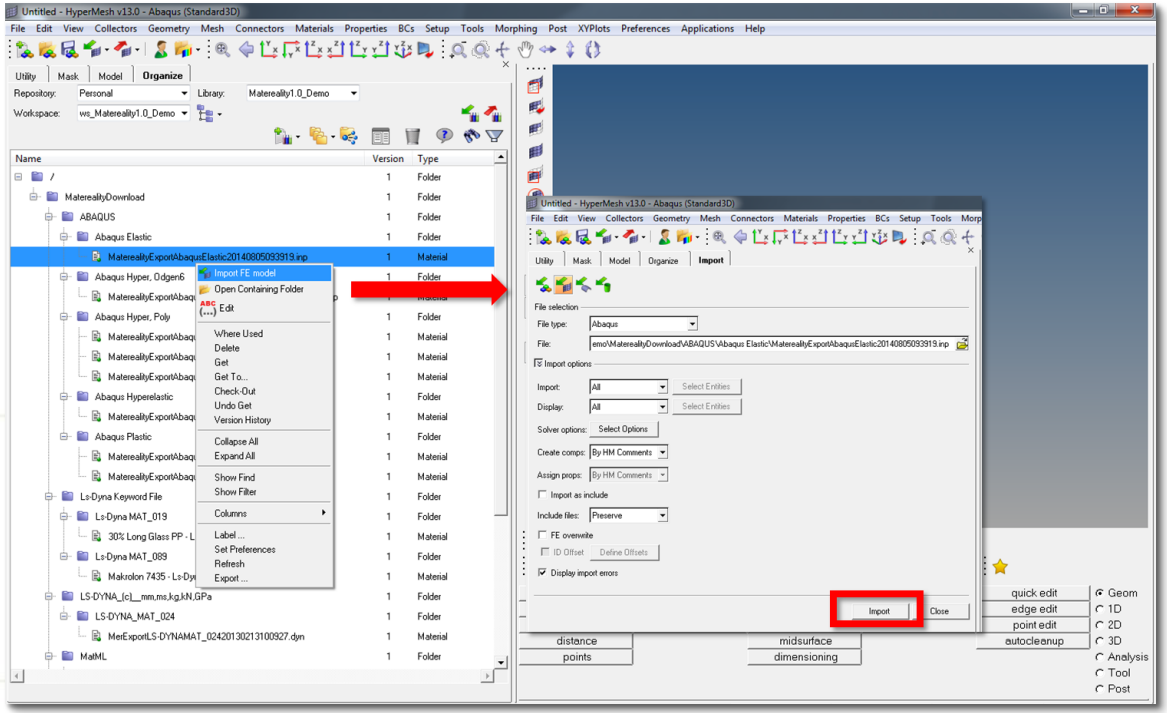
To assign your material to a specific part, start by changing your user profile to your desired solver



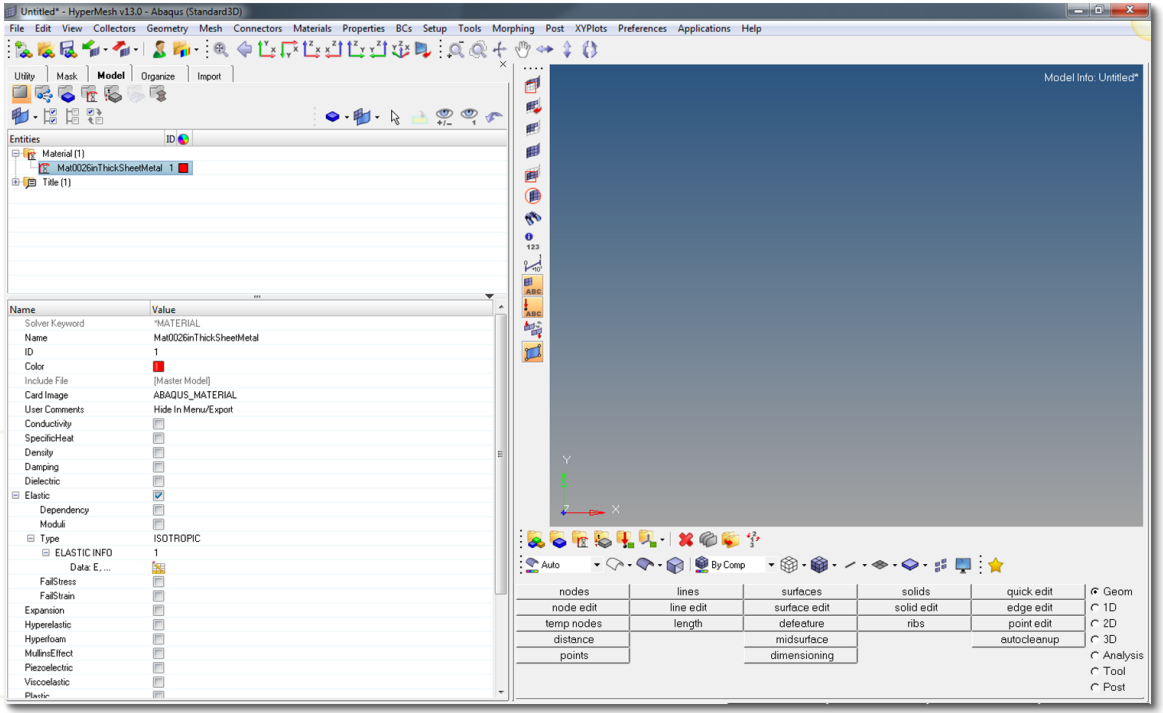
Retrieve the material to your workspace by right clicking and selecting the Get option



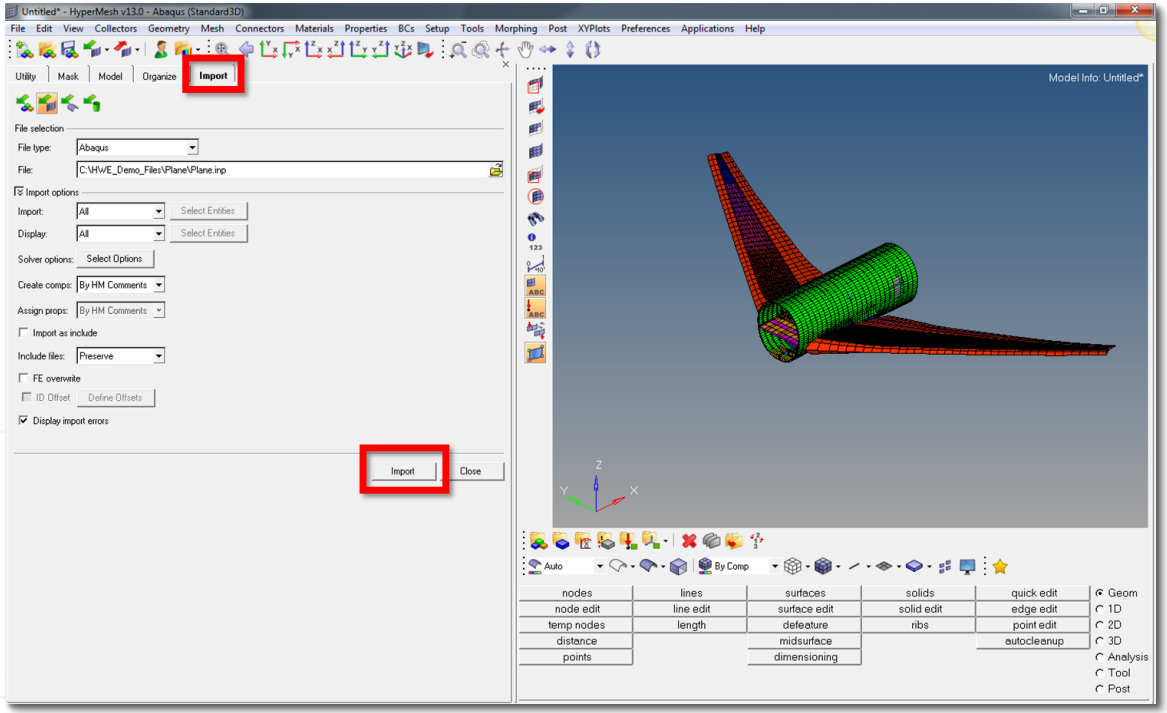
Import the selected file into your session by clicking Import FE model and then Import



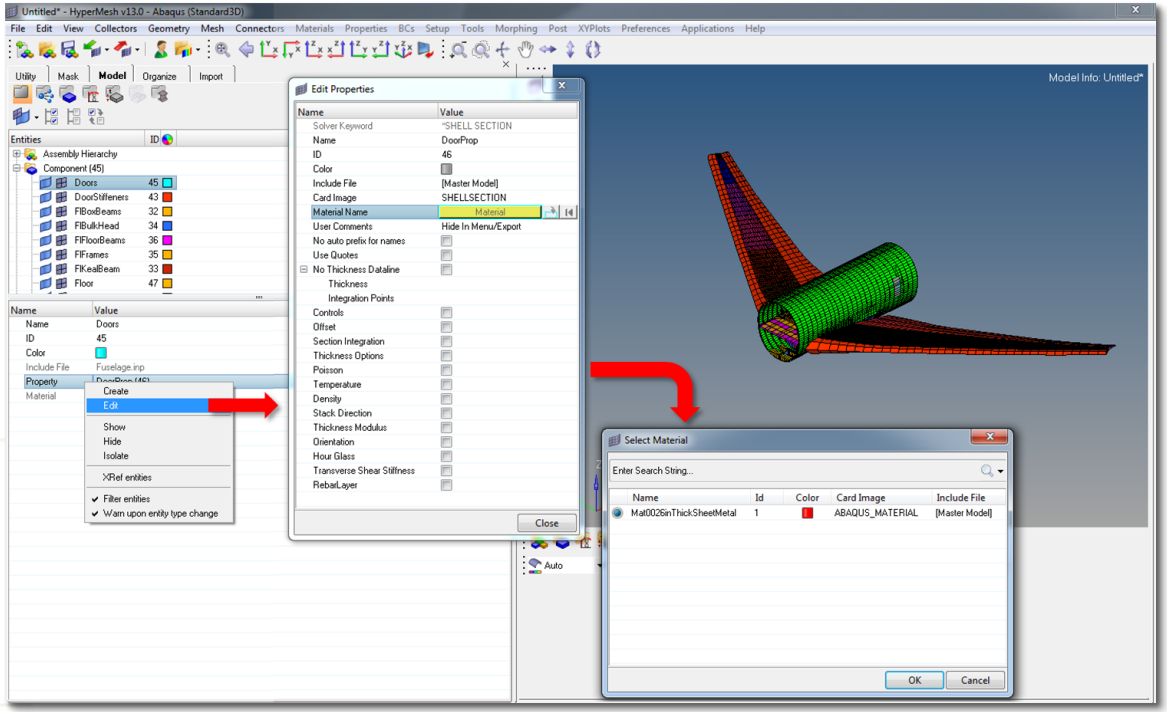
The material and its properties are now available in HyperMesh



Now import the desired part model



Assign the material you imported



You are now using your material as input for your desired solver!