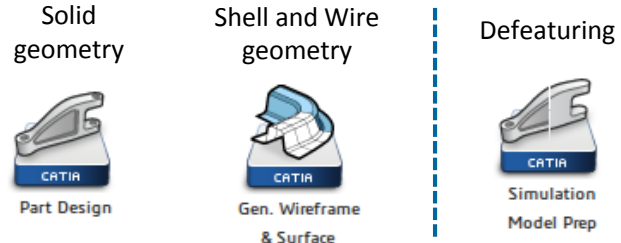




3DEXPERIENCE - Simulation Workflow

Use the CATIA 3D Modeling apps to create geometry and assemble your parts. (de-feature existing geometry if needed)

1



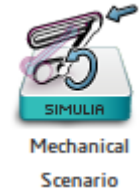
2



Open the *Material Definition* app to create new materials (or to access materials in the database). Keep the app open as it provides access to materials "in-session".

The *Mechanical Scenario Creation* app contains all the tools needed to create the finite element model. Auxiliary apps (e.g. Model, Mesh) can be accessed directly from the action bar.

3



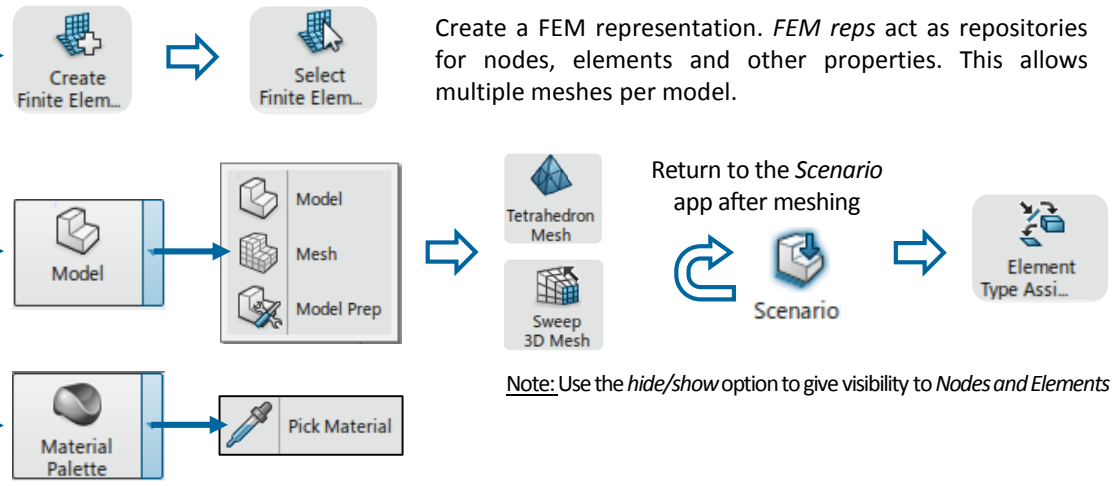
3a

Procedures

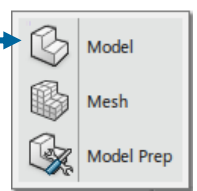
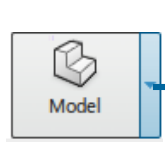


3b

Setup



3c



Properties Acoustics Group

Abstractions Connections Plots

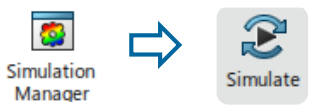


3d

Initial Conditions | Interactions | Restraints | Loads

3e

Simulate



- Use the *Simulation Manager* to verify the model definitions
- The *Simulate* button runs the simulation for the current model and scenario (equivalent to *submit job* in Abaqus/CAE)



3DEXPERIENCE Apps for Abaqus/CAE Users

