

ANSYS Workbench Class3**Error Report****ERROR NO:**
WB2012-01**Keywords:**

FE MODELER MECHANICAL PARAMESH GEOMETRY UPDATE

Description of Error:

FEModeler can be used to import a mesh and then create a faceted geometry representation for consumption by a downstream Mechanical system. If the input data to FEModeler is modified, or if new face components are created within FEModeler, it will recreate the geometry representation. When the geometry and mesh data is refreshed into Mechanical, Mechanical will attempt to maintain associativity for any existing boundary conditions. However, this persistence can be wrong and the scoping of the objects can unexpectedly change. When working with large models, this inadvertent scoping change may not be noticed and can lead to incorrect results.

Typical GUI Path(s):

Workbench->FEModeler->Mechanical

Other Comments:

N/A

First Incorrect Version:

Release 13

Corrected In:

Release 14.5

Suggested User Action For Running on Uncorrected Version:

If changes are made which cause FEModeler to need to recreate geometry based on mesh input changes or creation of face components in FEModeler, any downstream Mechanical system should be deleted from the project schematic and recreated.

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