

ANSYS Workbench Class3

Error Report

ERROR NO:

WB2014-13

Keywords:

DESIGN POINT UPDATE REMOTE SOLVE MANAGER (RSM)
ENGINEERING DATA

Description of Error:

A design point update via RSM can result in incorrect design point data and parameter values, if (a) the project contains geometry that is either not parameterized or has identical parameter values between design points, and (b) the project contains engineering data that is parameterized.

This error only occurs when pre-RSM geometry update is performed during design point update via RSM. Note that pre-RSM geometry update is enforced, even if it is not chosen by the user, if multiple RSM jobs are submitted for the design point update.

Typical GUI Path(s):

1. Create/Open a Workbench project that contains analysis system with "Engineering Data" and "Geometry" components;
2. Create input parameter(s) for Engineering Data but not for Geometry, and create design points;
3. Update design points via RSM, with "One job per design point" or with "pre-RSM update" option chosen as "Geometry".

Other Comments:

First Incorrect Version:

Release 15.0

Corrected In:

Release 16.0

Suggested User Action For Running on Uncorrected Version:

Either of the following would work around this defect:

1. Update design points in foreground, rather than via RSM;
2. If updating design points via RSM, use "One job for all design points" AND select "None" for "pre-RSM update" option.

Author Signature:

Frank Li 10/20/2014

Reviewed By QA:

Bill Bryan 10/29/2014

Approval:

Dave Conover 10/21/2014