

ANSYS Workbench Class3**Error Report**

ERROR NO:
WB2013-22

Keywords:

RESTARTS

Description of Error:

If a Mechanical analysis is restarted after a fully completed solution, and if the restarted analysis then terminates early before obsolete result sets are removed from the result file, Mechanical will incorrectly report the failed restart solution as fully solved rather than failed.

An example to reproduce this behavior:

1. Obtain a fully solved two-load-step analysis where the restart files are saved at each load step and retained.
2. Modify the value of a boundary condition in load step 2 and perform a restart. This will force the program to restart at the end of load step 1.
3. Cause the solution to terminate early (see Other Comments, below) before the solver removes the obsolete results of the previous load step 2 from the result file.
4. At the end of the aborted solution, Mechanical will not give any indication that the result file is based on the obsolete results.

Typical GUI Path(s):

Analysis Settings>Restart Controls

Other Comments:

Some reasons for an early termination during the restart would be a failure for the solver to obtain a license or attempting to restart with a lower core count when using DANSYS.

First Incorrect Version:

Release 13.0

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

Verify the solution completed successfully by reviewing the Solver Output on the Solution Information folder.

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