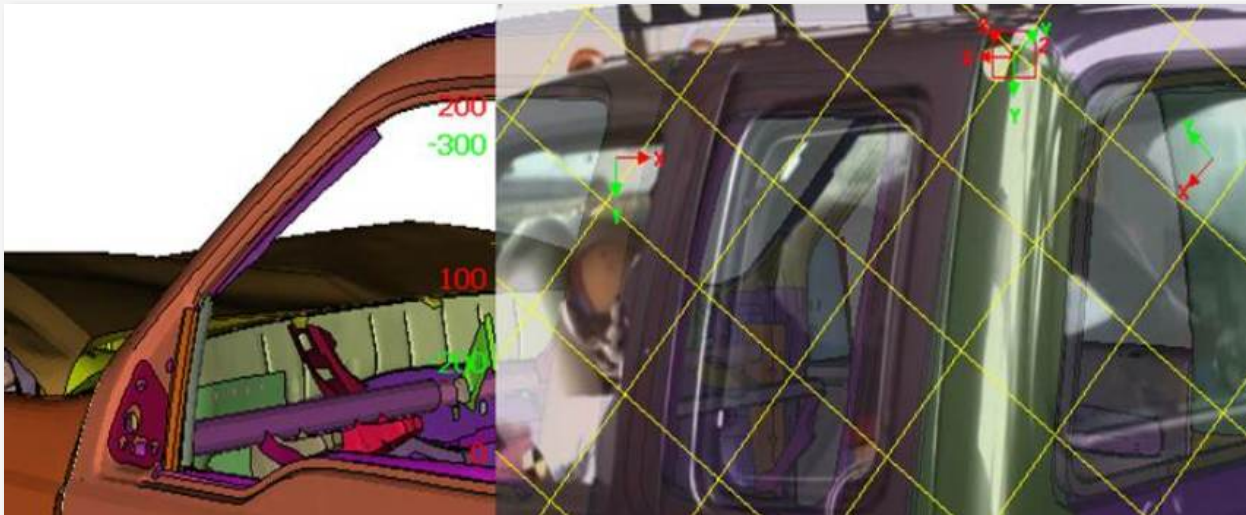


August 10, 2016

BETA CAE Systems announces the release of the v16.2.2 of its software suite



About this release

BETA CAE Systems announces the release of the new ANSA / EPILYSIS / META v16.2.2 suite.

This maintenance release focuses on the correction of identified issues for the 16.2x branch and is addressed to those who wish to continue to use the v16.2x branch -and not upgrade to v17.x.

The most important additions and fixes implemented in v16.2.2 are listed below.

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Known issues resolved in ANSA

NVH Console

Assembly Loadcase output would require excessive time to complete due to the performed renumbering.

LS-DYNA

Input CONTROL options might not be merged upon file input despite activating the "Header: Merge" option in the LS-DYNA Input Parameters window.

Output Includes with encrypted content would not be output when the options "General>Output:'Model'" or "Miscellaneous>Output:'Disregard includes'" were selected.

Pam-Crash

Input Fields "MDIR" and "FDIR" of "PAM JOIN Material 222" could not be read.

Output VAMAT keywords were missing if either of the options: "Visible" or "Model" was selected for output.

Abaqus

Scripting base.CreateEntity() "TYPE" and "TYPE_" fields would not be set correctly and as a result, when setting card Values, the appropriate fields would not be active.

For more details about the new software features, enhancements and corrections please, refer to the Release Notes document.

Known issues resolved in EPILYSIS

General

Improvements in Data Recovery performance in GPFORCE, Element Strain Energy and DISPLACEMENT calculation.

When thermal loads were applied, element strain energy wasn't calculated correctly.

Missing Header completely would cause termination with a core dump and without a specific FATAL Message, when solving "In ANSA".

Output

A warning message has been added in case SPCD is applied on node not belonging in s-set due to missing SPC.

For more details about the new software features, enhancements and corrections please, refer to the Release Notes document.

Known issues resolved in META

General

Unexpected termination could occur upon visualizing deformation results as vector plot.

Exporting a U3DPDF file might lead to unexpected termination.

Strain gauge center/direction point coordinates could not be defined.

Supported Interfaces

Erroneous ids of solid elements were generated when reading Pam-Crash ERFH5 files.

Certain Insight cases could not be read.

SETs hierarchy would not be correctly read from PLMXML files.

Curve Functions

The Neck Injury Criterion was erroneously calculated for unit systems other than the S.I.

The Percentile function could lead to unexpected termination.

NVH Calculators

An unexpected termination could occur when saving an FRF.

Panel Participation calculations were not correct in v16.2.1.

Projects & MetaDB

The compression of saved projects was different from interface compared to sessions.

Mapped results were not properly saved in projects.

Unexpected termination could occur upon saving projects with planes.

For more details about the new software features, enhancements and corrections please, refer to the Release Notes document.

Compatibility and Supported Platforms

ANSA files saved by all the first and second point releases of a major version are compatible to each other. New major versions can read files saved by previous ones but not vice versa.

META Project files saved from version 16.2.2 are compatible and can be opened by META version 16.0.0 or later. To be readable by META versions earlier than v16.0.0, they have to be saved selecting the option "Version <16.0.0".

Support for 32-bit platform has been discontinued for all operating systems.

Download

Where to download from

Customers who are served directly by BETA CAE Systems, or its subsidiaries, may download the new software, examples and documentation from their account on our server. They can access their account through the "user login" link at our [web site](#).

Contact us if you miss your account details. The [PublicDir] link will give you access to the public downloads area.

Customers who are served by a local business agent should contact the [local support channel](#) channel for software distribution details.

What to download

All files required for the installation of this version reside in the folder named "**BETA_CAE_Systems_v16.2.2**" and are dated as of **August 10, 2016**. These files should replace any pre-releases or other files downloaded prior to that date.

The distribution of this version of our pre- and post-processing suite is packaged in one, single, unified installation file, that invokes the respective installer and guides the procedure for the installation of the required components.

For the installation of the software on each platform type, the.sh installer file residing in the folder with respective platform name, for Linux and MacOS or the respective .msi installer file for Windows, 64bit, have to be downloaded.

In addition to the above, optionally, the META Viewer is available to be downloaded for each supported platform.

The tutorials and the example files reside in the folder named "TUTORIALS". This folder includes the complete package of the tutorials and example files, and a package with only the updated ones.

The Abaqus libraries required for the post-processing of Abaqus .odb files are included in the installation package and can be optionally unpacked.

Earlier software releases are also available in the sub-directory called "old" or in a folder named after the product and version number.