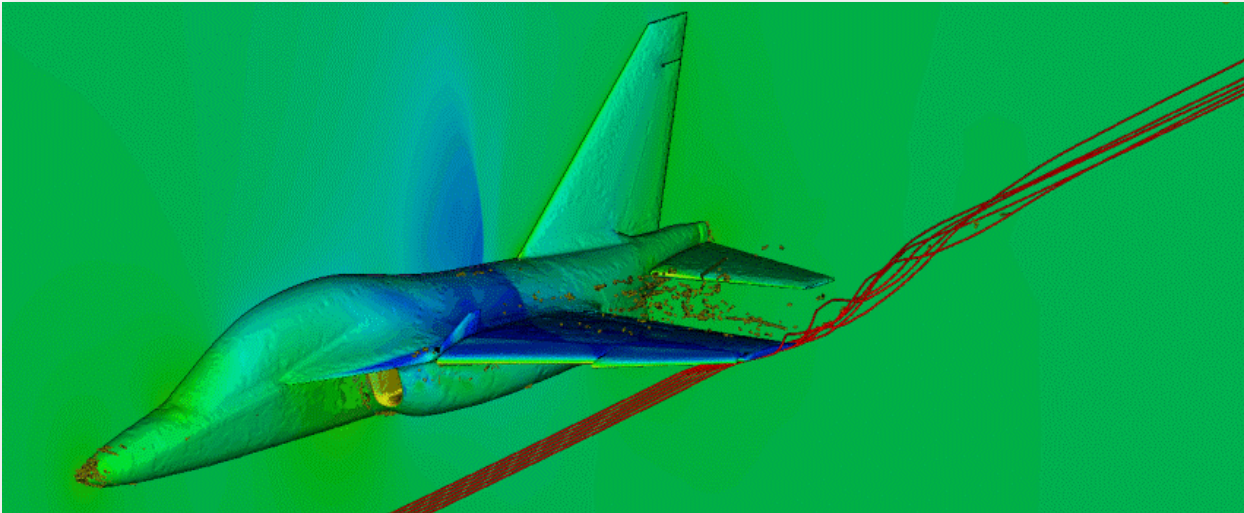


March 15, 2019

BETA CAE Systems announces the release of the v18.1.5 of its software suite



About this release

BETA CAE Systems announces the release of the new ANSA/EPILYSIS/META suite v18.1.5.

Apart from fixes in the detected issues, this version hosts a couple of noteworthy enhancements as well.

The most important enhancements and fixes implemented are listed below.

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Enhancements and known issues resolved in ANSA

Enhancements in ANSA

Model Browser

The "DM Update Status" column, which displays the status of the loaded Model Browser containers in DM, now shows a new, color-coded status for those items that have changed since they were downloaded from DM and therefore, they need to be saved again.

Known issues resolved in ANSA

CAD to ANSA Translators

Parallel worker processes could still be running, in case the main ANSA was terminated before finish.

Model Browser

Parts - Replace: During Part replacement, affected connections, which were not previously applied, would be realized. Moreover, upon the

replacement of a Part, unrealized connections would be realized, while connections with FE-Representation and Status not 'ok' would not be re-applied.

Data Management

DM Browser - Download: Upon the download of a Subsystem, which was saved in DM as keyword File Type with references to its parts, the multi-instance parts would be merged in one part.

Connections & Assembly

Spotwelds: The realization of Spotweld connections that lay on PID bounds or FE perimeters would fail.

Volume Mesh

Batch Mesh: Fix Quality Parameters would not be read, in case ANSA database was saved in version(s) prior to v18.0.0.

Scripting - mesh.ExtrudeTranslate(): Function would not work properly, resulting in an error message.

Abaqus

Checks - Penetration [Property Thickness] – Contacts: Unexpected termination could occur, when performing Fix or Show Only operation, in case springs had penetrated nodes.

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

Known issues resolved in META

Modal Response & FRF Assembly

FRF component in FRF Assembly tool defined as "Nastran FRF" with punch file in SORT2 format was not read correctly, causing erroneous calculation results.

Report Composer

When trying to add active page using the command 'report presentation addpage workspace active', page 0 would always be added.

User Toolbars

Crash & Safety - IIHS: Interface for the List selection of nodes from Time History files would not work properly for LS-DYNA results.

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 18.1.5 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 Downloads menu items give you access to the public downloads.

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_CAESystems_v18.1.5**" and are dated as of **March 15, 2019**. 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.