



September 28, 2021

## BETA CAE Systems announces the release of the v22.0.1 of its software suite

### About this release

Loyal to our mission to deliver best-in-class software, we release the first upgraded revision of v22.0.0 for ANSA/EPILYSIS/META and KOMVOS. The first bug-fix release of v22.x.x series comes as a follow up to your interest and feedback on the recently introduced major version, and hosts numerous fixes in recently detected issues.

Follows a selection of the most important items:

- [Known issues resolved in ANSA](#)
- [Known issues resolved in EPILYSIS](#)
- [Known issues resolved in META](#)
- [Known issues resolved in KOMVOS](#)
- [Compatibility and Supported Platforms](#)
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### Known issues resolved in ANSA

#### CAD Import/Export

The AP242 parser is now updated and can parse parts with many versions, by activating the respective option.

#### GUI

Unexpected termination could occur when using the NOT function from Focus group commands, while different models were open in multiple windows.

#### Modular Run Management

Deleted Subsystems would erroneously re-appear during build of connecting subsystems, if the Connecting Subsystems contained connectors referencing the deleted Subsystems.

#### Connections & Assembly

The RBE3-PENTA-RBE3 seamweld realization would produce duplicate RBE3s.

## TOPO

When the base.Cog() function was applied on Edges and Facets, the COG was occasionally erroneously calculated.

## Batch Mesh

The CFD meshing algorithm would occasionally fail, resulting in a of poor quality mesh, with large growth rate and element size differences. Proximity and size fields might also not be taken into account.

## Pam-Crash

ANSA would abort launching, when the check box "Preview Include Structure" had been selected upon Input.

## Kinetics

Unexpected termination would occur while exporting a model in ADAMS solver dataset format (.adm) or when the model included flex bodies without any active modes.

Design Analysis: Unexpected termination could occur on models with existing results, after editing a Kin\_Measure entity.

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

## Known issues resolved in EPILYSIS

### Performance

Maximum disk usage report would not include output file size and would erroneously be reported as 0 bytes, when the "IN ANSA" option was used.

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

## Known issues resolved in META

### ASAM ODS

ASAM ODS v5 and v6 servers are now supported and their data can be accessed / viewed through the DM Browser tool.

The capabilities offered include:

- Viewing the collected items in various simple or hierarchical views
- Applying queries to fetch instances of application elements
- Viewing attributes / relations of the instances of application elements
- Sending curves, images, videos or other data to view in META Viewer or META

### General

3D results would not be exported correctly in .csv format.

Lighting Settings read from an older .xml file (prior to v21.1.x.) would not be saved correctly, and thus not read correctly. They would also not get updated in META defaults, when lighting preset changed, or in META defaults table via commands.

### Read Results – MARC

Reading a .t16 results file right after a .bdf geometry file was imported, could lead to unexpected termination.

### Abaqus

Fasteners would not be not visualized correctly. Their couplings were omitted, leading to connectivity issues between parts when performing focus actions.

### OptiStruct

META would terminate when reading modal or panel participation results from OptiStruct punch file.

### NVH Calculators

After a successful FRF Assembly calculation, unexpected termination could occur when trying to calculate twice a modified FRF Assembly setup with errors in the Full check, but no errors in the Assembly check.

Moreover, regarding Modal / FRF Correlation, unexpected termination could occur when duplicate node pairs existed in the corresponding list.

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

### Known issues resolved in KOMVOS

ML Training for 3D field results would fail to be completed for models with more than approximately 1.5 million elements, due to memory shortage.

Moreover, 2D plot Prediction would occasionally fail to be created.

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 22.0.1 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" or "Version <16.0.0".

Support for Mac OS has been discontinued.

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 "sign in" 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](#) for software distribution details.

#### What to download

All files required for the installation of this version reside in the folders named "**BETA\_CAE\_Systems\_v22.0.1**" and are dated as of **September 28, 2021**. 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, download from the respective folders, the .sh file for Linux or the .msi file for Windows.

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 the updated tutorials and example files only.

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 "Previous\_Versions" or in a folder named after the product and version number.