New software version release announcement
February 3, 2010

BETA CAE Systems S.A. announces the release of µETA v6.5.0
with enhancements important and code corrections

Main new features introduced

- Improved performance on MS-Windows workstations means up to 12 µETA instances can run simultaneously on a single 32-bit workstation
- Support of reading NASTRAN files compressed with FEMZIP
- Support of reading LS-Dyna files compressed with FEMZIP version 5.43
- Frequency Response Function (FRF) tool
- ABAQUS files support for the Modal Assurance Criterion (MAC) and Modal Response tools
- Lock Manager tool
- New identification options for distances and angles between different States
- IsoFunctions GUI
- Variables GUI
- Slideshow view of *.pptx reports
- Objects' grouping within slides of *.pptx reports
- Spreadsheet editor
- Tracking and measurement of distances and angles in videos
- Curves' grouping.

... and many more.

Known issues resolved

- Instability while reading PAMCRASH FEMZIP files on-the-fly
- Wrong results on solid elements from FEMZIP files
- SUM and PRODUCT in User Field Functions not working

... and many more.

Important notes

1. µETA v6.5.0 can run only with beta_lm_tools v6.0 or later.
   It is necessary to update the beta_lm license manager to version 6.0 or later before running µETA v6.5.0.
   The latest beta_lm_tools version is v6.1.
2. Please refer to the "Release Notes" document for more details about the software corrections and the new features.
   A detailed "Release Notes" document is available in pdf in the download directory and also in the /docs sub-directory within the installation directory.
3. A version of µETA Users Guide 6.5.0 is also available in pdf format.

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Download

Our customers may download the new software examples and documentation from their account in our download server.
You may access your account through the Login link at our web site http://www.beta-cae.gr
Contact us if you miss your account details.
The [Public] link will give you access to the public downloads area.

What to download

For the installation of the software on each platform type the following are needed:
1. the tar file with the respective platform name (e.g. Linux, IBM-AIX etc.), or the respective zip file for Windows and
2. the "common" .tar or .zip file
   Previous software releases can be found in the sub-directory called "old".

Particularly for the support of ABAQUS odb files

- Only for the support of ABAQUS odb files and depending on the ABAQUS version you use, you will need to download the corresponding file(s), containing ABAQUS libraries, from the META_POST_EXT_LIBS directory within the [Public] link.
  If the support of ABAQUS odb files is not an issue then there is no need to download these files.
  To support, at the same time, ABAQUS 6.3-4 (or earlier), ABAQUS 6.4-x, ABAQUS 6.5-x, ABAQUS 6.6-x, ABAQUS 6.7-x, ABAQUS 6.8-x and ABAQUS 6.9-x .odb files, it is recommended to download all respective ABAQUS files.
  Note that for the support of .odb files of ABAQUS version 6.8-x or later on Windows platforms, extra actions may be required.
  Please refer to the SetUp Guide for more details.
- The ABAQUS libraries have to be downloaded once. If these files are downloaded now (or have been already downloaded with a previous µETA version), there is no need to download them again with a future version of µETA.
- It is also possible to use the ABAQUS libraries directly from the installation directory of the ABAQUS software, if this directory is accessible. In this case you can avoid downloading the respective ABAQUS libraries from the [Public] link.

For more details, please, refer to the SetUp Guide.

Documentation

Additional documentation is packed into the "common" file. While the "common" file is unpacked, you will find an html file that will guide you through the available pdf documents, including the Users Guides and the Release Notes.

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