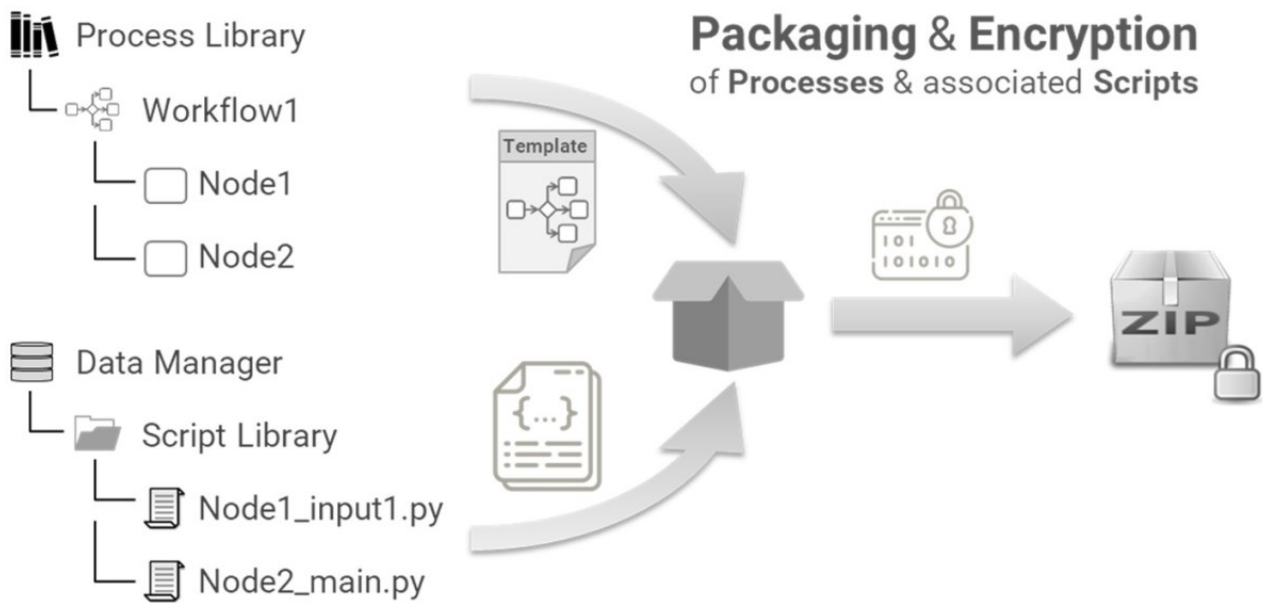July 23, 2020

BETA CAE Systems announces the release of SPDRM v1.3.3

About this Release

BETA CAE Systems announces the release of SPDRM v1.3.3.

This version delivers a number of enhancements and fixes to the users of the most advanced Simulation Process Data and Resources Management tool.

The most important enhancements and fixes are listed below.

Contents

Enhancements and known issues resolved

Enhancements

Data Model

It is now possible to control (through the data model) whether a user will get a notification during editing a data object, if the selected item is not the latest version.

Data Migration

A new web service has been introduced to enable the migration of selected data to a different vault.

Process Library

A new feature has been introduced in the export mechanism of a process definition that enables the encryption of the node scripts (embedded in Script Editor (Local), or loaded from the DM library (DM)), as well as the encryption of the accompanying DM script files used in the input slots of nodes.

MIME types

It is now possible to associate a MIME Type for editing files with no extension.

Script API

A new script function triggers the creation of a new WS (Web Service) user session and returns the respective WS dmticket, which is required for the communication of ANSA/META with the SPDRM Server.

A new script function has been created that returns the target vault of a specific role, if such is defined.

Users Management

A new feature has been added in Users Management window that allows the filtering of the users that have logged-in during a specific time period (e.g. last week/month/year). Additionally, the filtered users can be selected, and send an e-mail to them.

System Configuration

It is now possible to enable the use of an external (system) function for file replication between sites (e.g. scp, rsync) for more than one remote sites.

Known issues resolved

Data Model

The system would fail to install a data model that contains more than 16 different properties (primary keys) in total, for all the different types of Rich Library Items (RLIs).

The auto-generation rule is now supported for the properties of Subsystems, on the same way it used to work for the rest of the DM Items.

Data Management

The system would fail to set a string value with more than 4000 characters on an attribute of a data object.

An error could occur when trying to attach file (or folder) on a DM item (e.g. Simulation Run) in case the target vault of the user's role was different than the default vault.

The save of subsystem through ANSA would fail, when its hierarchy contained a big number of parts and groups (i.e. > 50.000 hierarchy contents).

The check for available updates of a data object (e.g. subsystem) could lead to error due to performance issue.

Data Tree

The system would fail to refresh the contents of a folder under the Structure container, even after collapsing/expanding the folder itself.

The user would fail to view, modify or delete his/her owned items on the data tree, if the current role had no privileges on them.

Data Export

The contents of Loadcases would fail to be exported during the output of Simulation Run, if it had been saved by ANSA with the saving option 'Structure Only'.

Security

Users with no privileges to the Process Library are not allowed anymore to save a definition workflow.

Script API

The privileges of a DM item would be affected after editing any attribute (e.g. Comment) through the script function *dm.setDMItemAttributes*.

The script function *dm.queryFiles* would fail to respect the DM path given and results of whole DM would be returned.

Installer

The SPDRM Client would fail to start on Windows OS in case that any of the environment variables: HOMEPATH, USERNAME, or COMPUTERNAME contain a space character on its value.

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

Documentation Updates

Updated Documents

Updated installation guide.

Supported Platforms and System Requirements

The server software of SPDRM is currently available on Linux and MS Windows 64bits.

The client software of SPDRM is running under 64bit flavours of Linux and MS Windows.

The software requires a different license key to the rest of the products of BETA CAE Systems. This license key should be incorporated into the same license file, if such is already installed, and requires beta_lm, the proprietary license manager of BETA CAE Systems.

For details, refer to the System Requirements document.

Download

Where to download from

Customers who are served directly by BETA CAE Systems, or its subsidiaries, may download the new software 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 folder named: "**SPDRM_v1.3.3**" and are dated as of **July 23, 2020**.

These files should replace any pre-releases or other files downloaded prior to that date.

The distribution of this version of SPDRM is packaged in one, single, unified installation file that invokes the respective installer and guides the procedure for the installation of the required components (i.e. SPDRM server and client).

For the installation of the software on each platform type, download from the respective folders, the .tar.gz file for Linux or the .zip file for Windows.

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