



September 16, 2021

BETA CAE Systems announces the release of SPDRM v1.5.2

About this Release

BETA CAE Systems announces the release of SPDRM v1.5.2.

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

The most important enhancements and fixes are listed below.

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Enhancements

License Management

From this version onward, the SPDRM Client can release its license credits when it is idle. This way, the SPDRM user does not need to close the SPDRM Client only to release the license. This change affects interactive (GUI) SPDRM Client sessions only.

Moreover, from now on, the idle timeout should be defined (in minutes) in the administrator options of BETA_LM (license.opt) through the key '*IDLE_USER_TIMEOUT*', similarly to all other BETA products. Due to this change, the corresponding key in the SPDRM Client's configuration file (*taxisprops.xml*) turns obsolete.

Script API

The new script function '*process.deleteInstanceWorkflow*' has been implemented to enable the deletion of a workflow instance.

The values *start_date*, *end_date* and *duration* (that correspond to the statistics of a workflow instance) are now returned by the script function '*process.getWorkflowAttributes*', in addition to the values already returned by the function.

Web Services

The new web service '*Remote files not in local site*' in the '*integrity*' tab of the '*SPDRM Web Services*' web page, identifies files that have been imported successfully through a remote site, but failed to be replicated to the local (main) site.

REST API

The '*dm/dmobjects/{id}/contents*' REST endpoint now returns '*400 Bad Request*' in case of invalid requested DM Object.

System Configuration

The new configuration key '*rest_auth_type*' in the SPDRM server 's configuration file (*taxis.conf*), controls the authorization type (*SPDRM*, or *LDAP*) during login through REST API.

The new keys '*file_browser*' and '*web_browser*' are now supported in the SPDRM Client configuration file (*taxisprops.xml*) to enable the setup of a custom file browser and/or web browser, to be invoked by the SPDRM Client when required (e.g. open the file browser after the export of files/folders, access the documentation index).

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

Known issues resolved

Data Tree

The status of the DM Tree filters was not consistent with the actual filters applied to tree objects, after restarting the SPDRM Client, or switching role/user.

Data Search

The query for DM items could fail in case of Oracle database with large amount of attributes stored.

Data Lifecycle

The system could throw an error while modifying the filtering options in the '*Lifecycle Graph*' .

Process Design / Execution

An unexpected error could occur while attempting to update the drawing of already deleted workflow components.

Process Observer / HPC submission

The Observer node would fail to be finished when it was executed on a remote host, through a BAL (BETA Apps Launcher) server.

The JMA (Job Monitor Assistant) service could stop working due to faulty behavior of the inactivity timer, when the '*idle_user_timeout*' option was enabled in the SPDRM Client 's configuration file (*taxisprops.xml*).

Users Management - Security

Fixed security issues on the auto-login mechanism of the SPDRM Client. Now, the auto-login mechanism relies on the Operating System 's API to validate the identity of the logged-in user in a more robust way.

REST API

The '*dm/dmobjects/ {id }/contents*' REST endpoint would fail to return the contents of subsystem.

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

Documentation Updates

Updated installation guide and scripting API 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_v1.5.2**" and are dated as of **September 16, 2021**.

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.