



November 20, 2023

## **BETA CAE Systems announces the release of SPDRM v1.9.2**

### **About this Release**

BETA CAE Systems announces the release of SPDRM v1.9.2.

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 and known issues resolved**

#### **Enhancements**

##### [Data Model](#)

From now on, the DM Schema supports conditional generation rules for the auto-filling of attributes by concatenating other attributes of the DM Object. For example, different Name composition could be requested for a Simulation Model according to its Discipline.

It is now possible to apply a conditional generation rule as an exception to the general generation rule defined for an attribute. In this case, when the condition is satisfied, the conditional generation rule will be applied, whereas in all other cases, the generic generation rule will be used.

This version also introduces the setting "trim\_empty\_sections" that can be used in generation rules to request the suppression of empty components from the generated values.

##### [Data Lifecycle](#)

It is now possible to temporarily deactivate the Lifecycle Management for the current session of the SPDRM Admin Console. The following script functions are added to support this functionality:

- dm.activateLBR
- dm.deactivateLBR
- dm.isLBRActivated

## Process Observer / HPC submission

The 'Start', 'End' and 'Last Update' dates of submitted jobs are now listed out-of-the-box in the 'Submitted Jobs' workspace.

## Script API

The new script function dm.getDefinitionIdOfInstancePart enables the identification of a definition part based on one of its instances.

Furthermore, the following script functions can take as input an instance id:

- dm.getSPDRMAttributes
- dm.getDMItemAdditionalAttributes
- dm.downloadFileById

## System Configuration

SPDRM now fully supports UNC paths. This enhancement eliminates the need to map network drive letters on Windows client machines, simplifying access to network resources (e.g. vault, client directory, registered applications).

This version introduces the log file downloads for the BAL and RIOc microservices via a REST API endpoint, offering increased convenience and integration.

## Known issues resolved

### Data Model

An error could occur while trying to set privileges on any of the DEFAULT\_ITEMS through the DM Structure (Schema) editor.

### Process Design / Execution

In case a configuration file set-up in the respective Registered Application was missing from the defined location, the node would finish its execution without launching the application and with no warning message.

### Script API

The dm.showProperties function would fail to open the Properties window of a Part without representation file.

### Data Model

A new part representation would not be saved in SPDRM if user role was other than Administrators.

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

## Documentation Updates

### Updated Documents

Updated User Guides and Automation Guides (Scripting / REST API).

## Supported Platforms and System Requirements

From this version onward, the server application of SPDRM is available only for Linux 64bit.

**NOTE:** Installation of SPDRM server application on MS Windows is not supported anymore.

The client application 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\_v1.9.2**" and are dated as of **November 20, 2023**.

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).

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