SmartExporter Server Edition 2020 R1

Version 20.10

The new version of SmartExporter Server Edition has **many new features** for **SmartExporter Automation (SEA)** and **SmartExporter Connector**.

Please find an overview of the new features and improvements below.

For a detailed description of all new or changed commands and parameters, see the SmartExporter Server Edition guide.

New features in SEA

Microsoft Azure and other storage locations now also available for SEA

With the current version of the SmartExporter SAP® components, in addition to the ability to define storage locations for a logical export file and a logical storage file, you now have the option to create **storage location profiles**. For asynchronous extractions, you can thus also store files **on a WebDAV server or via an Azure File Service**.

The following storage locations are available:

- Microsoft Azure File Service
- Microsoft Azure Blob Service
- FTP server
- WebDAV server
- SAP® application server

So after introducing this new feature in SmartExporter Desktop Edition 2020 R1, now also SEA offers these storage locations when using the current SmartExporter SAP® components.

Extraction of wide tables

SmartExporter Server Edition 2020 R1 now supports **data extraction of tables of any width** (record length greater than 2,048 bytes), e.g. BSEG from SAP® systems.

In the background of the data extraction process, the data is compressed internally and thus considerably **more data packages can be transferred faster** than in previous versions.

Automatic data compression during extraction

- SmartExporter Server Edition 2020 R1 offers the ability to compress files directly during data extraction. For each file a compressed file (ZIP file) will be created. Compression is not performed by default.

- If you specify the --compress parameter, compression is performed.

- The compressed files can be protected by a password. It should be at least 10 characters long and contain letters, numbers and at least one capital letter.

- The compression function is available for the file formats **CSV with header, CSV - variable length, TXT - fixed length** and **AIS - SAP® AIS Format**.

SEA supports SAP NetWeaver® RFC protocol

With the SmartExporter Server Edition 2020 R1 version, the **SAP NetWeaver® RFC protocol** can now be used in addition to the classic RFC protocol (LIBRFC32.dll) to **communicate with the SAP® system** in SEA.

You can use the parameter --sap-protocol to control which RFC protocol is to be used. If the parameter is not specified, SEA uses the classic RFC protocol.

SEA no longer needs a Data Dictionary

Until now, when calling SEA, it was necessary to specify which Data Dictionary should be used. This is no longer necessary.

For compatibility reasons the --directory parameter can still be specified but SEA will ignore this value.

New functionality in SmartExporter Connector

Connector supports SAP NetWeaver® RFC protocol

Just like the current SmartExporter Desktop Edition or SEA, the Connector can now also use the **SAP NetWeaver® RFC protocol for communication with the SAP® system** on the IDEA Task Server in addition to the classic RFC protocol (LIBRFC32.dll).

The protocol is configured in the configuration program **seiconfig.exe** in the SmartExporter tab.

Connector no longer needs a Data Dictionary

Until now, the path to the Data Dictionary file had to be specified when configuring the Connector. This is no longer necessary. This means that you can now also process Data Requests that contain tables that are not included in the Data Dictionary.

To ensure compatibility to older Connector versions, the input field is still available; however, the input value is no longer evaluated.

SEA and Connector support the current IDEA versions

- The new SmartExporter Server Edition supports the IDEA versions 10.0, 10.1, 10.2, 10.3, 10.4, 10.4.1, 11.0 and 11.1 as well as the IDEA Server versions 10.0, 10.1, 10.2, 10.3, 10.4 and 10.4.1 (both 32 bit and 64 bit).

- Note that the appropriate 32- or 64-bit version must be installed on the client and server side.

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