TIBCO EBX® Data Exchange Add-on Release Notes

Version 6.2.0
June 2024

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New features

This release contains no new features.

Changes in Functionality

This release contains no functionality changes.

Changes to third-party libraries

The JSQLParser library was upgraded to version 0.9.7.

Closed Issues

This release contains the following closed issues:

- **[ADIX-3638]** Data is missing when exporting to Excel or CSV from selected records using the **Export related data** option with **From referenced tables** enabled.
- **[ADIX-3652]** Newly added multi-valued foreign keys are not mapped when exporting to Excel or CSV.
- **[ADIX-3659]** A root exception might be ignored in cases where there is a failed transfer.
- **[ADIX-3784]** The root exception is not logged in the log file when there is a failed import.
- **[ADIX-3893]** Read-only target fields are not displayed on the **Mapping column** screen when importing SQL.
- **[ADIX-3905]** The wrong pop-up displays when running a simulation during Excel or CSV import.
- **[ADIX-4060]** The unmapped nested foreign key is not ignored automatically when importing Excel or CSV.
- **[ADIX-4080]** Dynamic Data Modeling does not create the primary key when generating from SQL.
- **[ADIX-4097]** All unmapped columns under all tabs are mapped automatically after clicking the **Link/Unlink unmapped columns** button on one tab.
- **[ADIX-4108]** When exporting a number to CSV in French, the exported file cannot be reimported.
- **[ADIX-4109]** The metadata fields are not exported to Excel or CSV when the **Export related data** option is enabled.
- **[ADIX-4111]** The error message on the result screen is missing when importing data using a custom transformation function.

Known Issues

This release contains the following known issues:

- To improve consistency, the default commit threshold for EBX was changed from 100 to 0. This threshold determines the number of records processed prior to committing a transaction. However, when the threshold is not set, or set to 0, it can potentially cause performance and

memory optimization issues for the add-on. If you notice issues when using the add-on's services, you can adjust the `ebx.manager.import.commit.threshold` property in your `ebx.properties` file. For additional information, see *Tuning the EBX® repository*.

- Fonts are no longer shipped with the JDK 11. Font rendering in Java 11 JVMs now uses pre-installed operating system fonts. This can cause issues in Linux environments when exporting Excel files. As a workaround, you can install the `fontconfig` package.

- Association object and selection node are not supported.

- Data lineage.

- Graphical view of the data mapping configurations.

- **Split of string** transformation function is not supported for a multi-valued string field.

- Data transfer between complex terminal nodes is possible only if they use the same Java Bean.

- You can not export data from multiple complex nodes in EBX® that when there is at least one complex node with multiple occurrences.

- You can not import data from multiple complex nodes in an XML file when there is at least one complex node with multiple occurrences.

- **Split of data** works for terminal nodes only.

SQL export:

- You can only export data from EBX® to the selected columns in the same tables of a view which is joined by multiple tables.

- The add-on doesn't support exporting SQL with the **Replace all content** mode to a view which is joined by multiple tables.

- Checking mandatory fields of a view in SQL database is not supported.

- The export still executes normally and shows an error message from database when no privilege granted.

- Exporting data from multi-valued fields and multi-valued groups is not supported.

- You can not export data from EBX® to a view in PostgreSQL database.

- Exporting data from EBX® to an auto-increment column in SQL Server is not supported because the **IDENTITY_INSERT** property is always set to `OFF`.

SQL import: Checking privileges for a view in PostgreSQL is not supported.

Dynamic data modeling: Foreign key statements in the DDL file are not managed.

Dynamic Data Modeling service limitations

The **Generate from file** service has the following limitations:

- Only Data Definition Language (DDL), XML, and Excel (XLS and XLSX) file formats are supported.

- Template files do not support declaration of tables inside of groups.

- When choosing an XML file to generate, the root node cannot be selected as a table.

- All configurations cannot be cleaned in the DDM.

- Fields generated in the **Field** table do not have an order property.

- No import options are available when importing using DDM.

- Comment lines in DDL files are not supported.

- Declaration of foreign keys, associations, or auto-incremented Id's in Excel import are not supported.

- Certain keywords in the DDL are not supported, such as "asc" and "desc".

- A constraint's name must not have space characters and is case sensitive.

- DROP queries in the DDL file are not supported.

The **Generate XSD** service has the following limitations:

- This service does not support generation of constraints, rules, or triggers.

- Only simple data types are supported (not Resource or user-defined attribute types).

- Defining fields and groups outside of tables is not supported.