



TIBCO EBX® Match and Merge Add-on Release Notes

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New features

This release includes the following new features:

- You can now replicate matching metadata. This allows you to use third-party tools to access and query the metadata.
- The following algorithms are now available:
 - Fuzzy full text: This algorithm works best for strings and can find the similar and fuzzy matches of the words in the compared values. It is based on the Levenshtein distance algorithm. The comparator takes into account the synonyms and stop words defined in the data model.
 - Range: This algorithm matches values within a predefined range. The two values are considered a match if the distance between two values is within the specified range.

Attention

When upgrading from version 3.0.0, 3.1.0, or 3.1.1 you must update existing matching configurations. After updating configuration settings, you should re-execute matching to ensure that matching related metadata is up to date.

Changes in Functionality

This release contains the following changes in functionality:

- When **Auto create new golden** is enabled, the requirement was removed for the matching table's primary key to be an auto-incremented integer.
- When executing add-on operations, only the add-on's table triggers are disabled. All user custom triggers remain enabled. Note that table triggers related to metadata linked fields are not recommended as it might affect the accuracy of match and merge operations.

Changes to third-party libraries

This release contains no changes to third party libraries.

Closed Issues

When matching is set to **After submission** and batch creation of records occurs using the EBX® API, the number of submitted or created records is limited to 2000 records in an API call for tables that have a single primary key. For a composite primary the limit is divided by the number of fields that makes up the primary key. For example, with a table that has a primary key comprised of 2 fields, the limit would be 1000 records. When your requirements exceed these limits, it is recommended that you pause the matching trigger, load the data, and resume matching. Also, note that when matching is triggered the dataspace is locked until matching completes. Any incoming requests during this time are blocked and will return errors.

Known Issues

This release contains the following known issues:

- When matching using the foreign key option, you can only specify a single hop foreign key. In other words, it cannot be a foreign key to a foreign key.
- The **Validation** service in the **Consolidated** view runs as expected when first executed, but slow on subsequent executions.
- In order to accurately track record lineage, table history must remain activated over time. If the table's activation status repeatedly changes, the lineage data will be inconsistent.
- Severe errors occur when multiple datasets based on the same model exist and a table from one of these datasets is activated in an add-on matching configuration. As a workaround, you can create another data model publication using the **Manage publications** service in the Data Model Assistant. After creating a dataset for the new publication, you can follow the normal procedures to configure a matching policy for tables in the new dataset.
- For foreign key alignment, the FKs that are multi-value fields cannot be aligned (either manually or automatically).