



TIBCO EBX® Match and Merge Add-on Release Notes

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New features

This release contains the following new features:

- The following algorithms were added:
 - Phonetic full text: An algorithm best used for strings. It can recognize the phonetic equivalent of two words spelled differently using the Beider-morse phonetic tokens. The comparator takes into account the synonyms and stop words defined in the data model.
 - Hybrid fuzzy: An algorithm best used for string and text data types. It can capture complex relationships between two field values by automatically customizing transformations for a given criterion. Points of note about this algorithm:
 - Does not return a 100% matching score on synonyms.
 - Strings that are similar, but contain characters like spaces or dashes do not return a 0% matching score.
 - When strings fall within the acceptable distance score they are not considered as the exact same. For example, a distance of 1 returns .95, a distance of 2 returns .9, etc.
- A script task was added to run a matching operation from a workflow.
- Fields can now have a weight of 0. Setting the weight to 0 excludes the fields from the pre-processing phase.
- An API was added to check whether the add-on has any ongoing background operations.

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

The options to specify what happens after a merged record is modified were removed. Now, the following behavior is applied when a record is in the merged state and the modified field:

- Is *not* configured to use in matching operations: The add-on executes an automatic merge using the settings defined in the default matching policy's merge policy.
- Is configured to use in matching operations: The record is changed to the <unset> state.

Changes to third-party libraries

This release contains no changes to third-party libraries.

Closed Issues

This release contains the following closed issues:

- **[MAME-7455]** The **Evaluate matching** and **Run match** services return inconsistent results.

- **[MAME-7479]** There is conflict between the **Evaluate matching** and **See details** results.
- **[MAME-7542]** Results cannot display after running **Evaluate matching** on a display with 1920X1080 resolution at 150% zoom.

Known Issues

This release contains the following known issues:

- **[MAME-7434]** Linked records are duplicated in the link table when one of the foreign keys is not part of the primary key.
- 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).