

# **TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM Release Notes**

*Software Release 6.4.0  
December 2017*

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# TIBCO Documentation and Support Services

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## How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit <https://docs.tibco.com>.

Documentation for TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM is available on the [TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM Product Documentation](#) page.

## Product-Specific Documentation

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM User's Guide*: Read this manual for instructions on how to use the product to utilize all benefits of TIBCO MDM without any coding.
- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM Installation*: Read this manual for instructions on site preparation and installation.
- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM Release Notes*: Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

The following documents provide additional information and can be found on the TIBCO Documentation site:

- TIBCO ActiveMatrix BusinessWorks™ documentation
- TIBCO® Enterprise Administrator documentation

## How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://www.tibco.com/services/support>.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

## How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the [TIBCO Ideas Portal](#). For a free registration, go to <https://community.tibco.com>.

## New Features

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The following new REST activities have been added to version 6.4.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM.

### **REST AddModify (Record)**

By using the REST AddModify (Record) activity, you can add, modify, and look up a record. If the record does not exist, a new record is created. If the record exists, the existing record is updated. If the record comes from an external resource, you can use the record lookup operation before adding or updating the information. For more information, refer to *TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM User's Guide*.

### **REST Delete (Record)**

By using the REST Delete (Record) activity, you can delete records when the record exists, and the latest version of records is not in any workflow. You can also delete all related records along with the parent record. The records are deleted by using only PRODUCTID and by both PRODUCTID and PRODUCTIDEXTENSION. For more information, refer to *TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM User's Guide*.

## Changes in Functionality

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The following are changes in functionality in version 6.4.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM.

### **Change in name of the REST RecordQuery Activity**

To maintain consistency among the REST activity names, the name of the REST RecordQuery activity is changed to the REST Query. When you move the mouse pointer over the activity in the MDM Palette, the REST Query (Record) name is displayed.

## Deprecated and Removed Features

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No features are deprecated or removed as of version 6.4.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM.



# Migration and Compatibility

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The following are instructions on how to migrate from a previous release to version 6.4.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM.

- [Migrating TIBCO ActiveMatrix BusinessWorks™ 6.x Projects](#)
- [Migrating TIBCO ActiveMatrix BusinessWorks™ 5.x Projects](#)

## Migrating TIBCO ActiveMatrix BusinessWorks™ 6.x Projects

TIBCO ActiveMatrix BusinessWorks™ 6.4.1 provides an easy way to migrate TIBCO ActiveMatrix BusinessWorks™ 6.x projects by using the Eclipse import mechanism in TIBCO Business Studio™.

### Procedure

1. In TIBCO Business Studio™, go to **File > Import**.
2. In the Import wizard, select **Existing Studio Projects into Workspace** and click **Next**.
3. In the Import Projects wizard, specify the relevant information in the following fields.
  - a) Click **Browse** in the **Select root directory** field and provide the location of the ActiveMatrix BusinessWorks™ 6.x project that you want to migrate. The tool scans the ActiveMatrix BusinessWorks™ 6.x projects in the specified folder location and displays the list of projects. OR
  - b) Click **Browse** in the **Select archive file** field and provide the location of the ActiveMatrix BusinessWorks™ 6.x project that you want to migrate. The tool scans the ActiveMatrix BusinessWorks™ 6.x projects in the specified folder location and displays the list of projects.
4. In the **Projects** area, select the projects you want to migrate, and click **Finish**.  
The migrated projects are visible in the **Project Explorer** area.

## Migrating TIBCO ActiveMatrix BusinessWorks™ 5.x Projects

TIBCO ActiveMatrix BusinessWorks™ 6.4.1 provides an easy way to migrate TIBCO ActiveMatrix BusinessWorks™ 5.x projects by using the **Migrate BW Projects** menu option in TIBCO Business Studio™.

### Procedure

1. Before migration, remove transition between **Start > activity > End** and define transition from timer to the activity in the 5.x projects.
2. In TIBCO Business Studio™, go to **Project > Migrate BW Projects**.
3. In the BusinessWorks Migration Tool wizard, perform the following actions:
  - a) Click **Browse** in the **BusinessWorks 5 Project Folder** field and provide the location of the ActiveMatrix BusinessWorks™ 5.x project that you want to migrate. The tool scans the ActiveMatrix BusinessWorks™ 5.x projects in the specified folder location and displays the list of projects.
  - b) In the **Migrated Project Folder** field, click **Browse** and provide the location where you want to migrate the project.
  - c) Select the **Add External JARs** check box if the ActiveMatrix BusinessWorks™ 5.x project uses external JAR files in context with Java activities.  
It is best to place the external JAR files in a single location. These JAR files can then be in lined with the migrated ActiveMatrix BusinessWorks™ 6.x project.
  - d) Click **Browse** in the **Jar Location** field and provide the location of the JAR files on disk.
  - e) Check **Select Processes for Migration** field if you want to select process out of the list of processes available in a project.

4. Click **Finish** after the migration is complete.

## Post Migration Steps for TIBCO ActiveMatrix BusinessWorks™ 5.x Projects

After migrating TIBCO ActiveMatrix BusinessWorks™ 5.x projects, there are few manual steps which must be performed.

### Procedure

1. Click on **Processes**. On the designer, delete existing transitions to **End**.
2. Create **BusinessWorks Process package** under the **Processes** folder in the project, post migration.
3. Select all processes, right click and select **Move** to move all processes into **Processes** folder, and shared connection components into **Resources** folder.
4. Navigate to **Module Descriptors** folder, click **Components** and add the activity components to be executed.
5. Clean up and refresh the Workspace and then restart TIBCO Business Studio™.

## Closed Issues

The table lists closed issues in version 6.4.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM.

Key	Summary
BMDM-1142	<p>In the Record Query activity, the Record State drop-down list did not include the following options that were mentioned in the TIBCO documentation:</p> <ul style="list-style-type: none"> <li>• None</li> <li>• All</li> <li>• Confirmed</li> <li>• Unconfirmed</li> <li>• Latest</li> <li>• Draft</li> <li>• Rejected</li> </ul>
BMDM-1137	The Query Work Item activity returned the wrong PRODUCTIDEXT value in the response.
BMDM-1123	In the response of the REST Record Query activity, the value for the timestamp attribute did not contain day, month, year, and millisecond. However, the correct value was present in the JSON format.
BMDM-1090	An exception occurred if multivalue attribute was edited while merging records by using the MergeRecords activity.
BMDM-1088	When multiple related records were present in the same relationship, instead of showing the records, the relationship data for the same record was repeated. This happened for AddNew, Modify, and Delete ActionTypes.
BMDM-1052	Records with the date type attributes failed to parse with the RESTRecordQuery activity.
BMDM-645	When self relationship records were queried using the Record Query activity, an error was displayed.

## Known Issues

The table lists known issues in version 6.4.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for MDM.

Key	Summary
BMDM-1212	<p><b>Summary:</b> After running the migration wizard to migrate ActiveMatrix BusinessWorks™ Plug-in for MDM 5.x projects, the following error is displayed even though the shared resource is present: The shared resource property in process is configured with non-existing shared resource.</p> <p><b>Workaround:</b> The error disappears after manually browsing the shared resource.</p>
BMDM-1207	<p><b>Summary:</b> When the REST AddModify activity is copied from another process, the inputs and state of other process are retrieved.</p> <p><b>Workaround:</b> Remove mapping and redo mapping in the new process where the REST AddModify activity is copied.</p>
BMDM-1128	<p><b>Summary:</b> For Macintosh (MAC) platform, some fields in Merge Records and REST Record Query activities are partially hidden on the <b>General</b> tab of the <b>Properties</b> section.</p> <p><b>Workaround:</b> None.</p>
BMDM-1101	<p><b>Summary:</b> The command qualifier NONE opens inconsistently in the drop-down list for the <b>Retrieve related records by parent record id, relationship name</b> option in the Search Type field.</p> <p><b>Workaround:</b> Redesign the activity without navigating to the other tabs in the <b>Properties</b> section.</p>
BMDM-1097	<p><b>Summary:</b> In the response, if matching records are not found, error occurs for the Search Type <b>Query record by ID and IDEXT</b>.</p> <p><b>Workaround:</b> None.</p>
BMDM-997	<p><b>Summary:</b> The MergeRecords activity has a blurred icon.</p> <p><b>Workaround:</b> None.</p>

Key	Summary
BMDM-968	<p><b>Summary:</b> The following issues are observed when displaying the online help on various operation systems:</p> <ul style="list-style-type: none"> <li>• Works on Windows 7 with Internet Explorer 11</li> <li>• Works on Windows 2008 server with Internet Explorer 9</li> <li>• Does not work on Linux environment</li> <li>• Works on Ubuntu with the following workaround:               <ol style="list-style-type: none"> <li>1. Install the <code>libwebkitgtk-1.0-0</code> library to access the online help in TIBCO Business Studio™.</li> <li>2. Run the following command: <code>sudo apt-get install libwebkit2gtk-4.0-37</code></li> <li>3. Enter the password for the current user.</li> <li>4. After the Library is successfully installed, restart the TIBCO Business Studio™.</li> </ol> <p>Optionally, you can download and install <code>libwebkit2gtk-4.0-37</code> library graphically based on your system architecture such as amd64 and arm64 from <a href="https://packages.ubuntu.com/tr-usty/">https://packages.ubuntu.com/tr-usty/</a> website.</p> </li> <li>• Works on Red Hat Enterprise Linux with the following workaround:               <ol style="list-style-type: none"> <li>1. Run the following command: <code>sudo yum install -y http://dl.fedoraproject.org/pub/epel/7/x86_64/Packages/w/webkitgtk-2.4.9-1.el7.x86_64.rpm</code></li> <li>2. After the Library is successfully installed, restart the TIBCO Business Studio™.</li> </ol> </li> </ul> <p><b>Workaround:</b> The workaround is specific to access the online help through TIBCO Business Studio™. However, this is not a limitation for accessing the documentation through web browser. Similarly for Linux platform, you can access the online help directly using a web browser if not through TIBCO Business Studio™.</p>
BMDM-793	<p><b>Summary:</b> An error is returned if the timestamp format of a user account on Web UI admin is set to YYYY-MM-DD HH-mm-ss.S, YYYY-MM-DD HH-mm-ss.S AM/PM, or YYYY-MM-DD HH-mm-ss.S AM/PM z when running the Add Record and Modify Record activities.</p> <p><b>Workaround:</b> None.</p>