



TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake

Release Notes

Version 6.3.0 | April 2024

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New Features

The following features have been added in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

Custom Query

In the Snowflake Query activity, you can now provide custom queries using the Eclipse SQL builder.

Database Views

Snowflake Query activity now supports database views along with database tables.

Merge Operation

Snowflake Bulk Load activity now supports Snowflake MERGE and UPSERT operations for the staged data and files.

Changes in Platform Support

In this release, platform support for TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake has changed as follows:

Platform	Status	As of Release
Apple Mac OS X 13.x 64-bit on x86-64	Added	6.3.0
Oracle Linux 9.x 64-bit on x86-64	Added	6.3.0
Apple Mac OS X 10.15.x 64-bit on x86-64	Removed	6.3.0

Changes in Functionality

The following functionality and feature has been changed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

SQL Builder tab of Snowflake Query Activity

The **SQL Builder** tab of the Snowflake Query activity is modified to support custom SQL query. You must click the **Fetch** button to generate the output for the Snowflake Query activity.

Deprecated Features


No features have been deprecated in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

Removed Features

No features have been removed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

Migration and Compatibility

The following instructions guides you about how to migrate projects from an earlier version to version 6.3.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

 **Note:** You must uninstall the older version before you install the latest version.

Migrating Projects from Version 6.1.0 or 6.2.0 to Version 6.3.0

1. In TIBCO Business Studio™ for BusinessWorks™, export the projects created in version 6.1.0 or 6.2.0 to a local disk.
 - a. From the menu, click **File > Export**.
 - b. In the Export dialog, expand **General**, select **Studio Projects to Archive**, and click **Next**.
 - c. In the Export Project dialog, select the projects that you want to export and specify export<path>/<destination> in the **To Archive File** field.
 - d. Click **Finish** to export the selected projects.
2. Uninstall TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake 6.1.0 or 6.2.0.
3. Install TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake 6.3.0.
4. Start TIBCO Business Studio™ for BusinessWorks™ and create a workspace.
5. In the workspace, import the previously exported projects.
 - a. From the menu, click **File > Import**.
 - b. In the Import dialog, expand **General**, select **Existing Studio Projects into Workspace** and click **Next**.
 - c. In the Import Projects dialog, click **Browse** next to the **Select archive file** field to select the projects that you want to import.

i **Note:** When importing an existing project to the current workspace of TIBCO Business Studio™ for BusinessWorks™, if you click **Select root directory** in the Import Projects dialog, you must select the **Copy projects into workspace** checkbox.

d. Click **Finish**.

i **Note:** To import an existing project from version 6.1.0 or 6.2.0 to version 6.3.0, navigate to the **Schema** tab of the Snowflake JDBC Connection Shared Resource. Click the **Refresh Entity List** button and save the project.

For more details about the import and export procedures, see the TIBCO ActiveMatrix BusinessWorks™ documentation.

EAR File Compatibility

TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake 6.3.0 is compatible with EAR files created in version 6.1.0 or 6.2.0.

If you are using an EAR file created in version 6.1.0 or 6.2.0 with a new appspace and appnode, then you are only required to redeploy the EAR file.

If you are using an EAR file from version 6.1.0 or 6.2.0 with an existing appspace and appnode, then perform the following steps:

1. Shut down any appnodes running ActiveMatrix BusinessWorks Plug-in for Snowflake applications.
2. Uninstall the earlier version of ActiveMatrix BusinessWorks Plug-in for Snowflake.
3. Install version 6.3.0 of ActiveMatrix BusinessWorks Plug-in for Snowflake.
4. Before starting the appnode, the **config** folder inside the appnode must be configured as follows:
 - a. Set the `bw.appnode.clean.config.folder.on.startup` property as `true` in the `config.ini` file of appnode.
 - b. Restart the required appnodes.

Compatibility with TIBCO BusinessWorks Container Edition

Design time:

To migrate a project from version 6.1.0 or 6.2.0 to version 6.3.0, import the project created in earlier versions directly to a TIBCO BusinessWorks™ Container Edition environment having version 6.3.0.

Run time:

EAR file generated in version 6.1.0 or 6.2.0 can be directly used in version 6.3.0. For more details about migration, see the "Migration" topic in the TIBCO ActiveMatrix BusinessWorks™ documentation.

Closed Issues

No issues have been closed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

Known Issues

The following issues exist in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake.

Key	Description
BWFL-701	<p>Summary: In the Snowflake Query activity, on the SQL Builder tab, visually creating queries by using the Eclipse SQL builder is not supported on Red Hat Enterprise Linux(RHEL) platform.</p> <p>Workaround: You must type the required query in the Statement field on the SQL Builder tab.</p>
BWFL-691	<p>Summary: Snowflake MERGE operation using the Snowflake Bulk Load activity inserts a record instead of updating the record when the value for the Merge on Columns field is NULL.</p> <p>Workaround: Populate the value for the Merge on Columns field.</p>
BWFL-85	<p>Summary: Sometimes an extra ActivityInput element with an error indicator is loaded on the Input tab of the Snowflake Query activity.</p> <p>Workaround: Manually remove the unwanted ActivityInput element by right-clicking and deleting the selection.</p>
BWFL-84	<p>Summary: The following float values fail for the Snowflake Query activity:</p> <ul style="list-style-type: none">• inf (infinity)• -inf (negative infinity) <p>Workaround: None</p>

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The documentation for this product is available on the [TIBCO ActiveMatrix BusinessWorks™ Plug-in for Snowflake Product Documentation](#) page.

How to Contact Support for TIBCO Products

You can contact the Support team in the following ways:

- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our [product Support website](#).
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the [product Support website](#). If you do not have a username, you can request one by clicking **Register** on the website.

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requests from within the [TIBCO Ideas Portal](#). For a free registration, go to [TIBCO Community](#).

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