TIBCO ActiveMatrix BusinessWorks™ Plug-in for Oracle E-Business Suite Release Notes

Software Release 6.1.2
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TIBCO Documentation and Support Services

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.

Product-Specific Documentation

Documentation for TIBCO products is not bundled with the software. Instead, it is available on the TIBCO Documentation site. To directly access documentation for this product, double-click the following file:

TIBCO_HOME/release_notes/TIB_bwpluginoracleebs_*version*_docinfo.html

Here, TIBCO_HOME is the top-level directory in which TIBCO products are installed. On Windows, the default *TIBCO_HOME* is `C:/Program Files/tibco`. On UNIX systems, the default *TIBCO_HOME* is */opt/tibco*.

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

- *TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite User's Guide* Read this manual for the concepts relating to the plug-in, the applications with which the plug-in interacts, configuration and deployment information, and examples.
- *TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite Installation* Read this manual for instructions on site preparation and installation.
- *TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite 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.

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

There are no new features in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Oracle E-Business Suite.

Changes in Platform Support

There are no changes in platform support in this version of TIBCO ActiveMatrix BusinessWorks™ Plug-in for Oracle E-Business Suite. Refer to the Readme file for a complete list of all the currently supported platforms.

Changes in Functionality

There are no changes in functionality in version 6.1.2 of TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite.

Deprecated and Removed Features

No features are deprecated or removed in version 6.1.2 of TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite.

Migration and Compatibility

The following instructions show how to migrate from an earlier version to version 6.1.2 of TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite.

Before starting the migration process, back up the projects that you want to migrate.

Migrating to 6.1.2

You can import projects created in version 6.1.0, 6.1.1 to version 6.1.2. If you want to migrate projects that have been created in a version earlier than version 6.1.0, you must first migrate the project to version 6.1.0 and then perform the procedure to migrate the projects.

Migrating from 6.1.0 or 6.1.1

Since direct upgrade to 6.1.2 is not supported, you must uninstall version 6.1.0, or 6.1.1 and then install 6.1.2 to do the migration. Also before migration have the environment upto date with the latest hotfix.

The EAR files created in 6.1.0 or 6.1.1 are compatible with the 6.1.2 runtime, and they can be deployed directly in 6.1.2 runtime. Also after installing version 6.1.2, you can directly import projects created in version 6.1.0 or 6.1.1 to version 6.1.2.

For more details about migration, see the TIBCO ActiveMatrix BusinessWorks™ documentation.

TIBCO BusinessWorks Container Edition (BWCE) Compatibility from Version 6.1.0 or 6.1.1 to 6.1.2 Design time

To migrate a project from a version 6.1.0 or 6.1.1 to version 6.1.2, import the project created using the version 6.1.0, 6.1.1, or 6.1.2 directly to a BWCE environment having the version 6.1.2.

TIBCO BusinessWorks Container Edition (BWCE) Compatibility from Version 6.1.0 or 6.1.1 to 6.1.2 Run time

EAR Generated in 6.1.0 or 6.1.1 can be directly used in 6.1.2.

Migrating from Version 1.3.0 to Plug-in Version 6.1.0

When migrating projects created in TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite 1.3.0, which is used with Oracle E-Business Suite 12.1.x to plug-in 6.1.0, the migration procedure depends on the version of Oracle E-Business Suite you use with plug-in 6.1.0.

If an integer type global variable is defined for a long type field of TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite 1.3.0, after migration, you must create a string type module property and delete the migrated integer module property.

- If you use Oracle E-Business Suite 12.1.x with plug-in 6.1.0, you can migrate projects created in TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite 1.3.0 to this version by using TIBCO Business Studio™ or by using command lines.

  See *TIBCO ActiveMatrix BusinessWorks™ Migration* in the TIBCO ActiveMatrix BusinessWorks documentation for more details about migration.

- If you upgrade Oracle E-Business Suite 12.1.x to 12.2.x and use Oracle E-Business Suite 12.2.x with plug-in 6.1.0, follow the steps in Migration with Oracle E-Business Suite 12.2.x to migrate the projects that were created in plug-in 1.3.0 to plug-in 6.1.0.

Migrating with Oracle E-Business Suite 12.2.x

If you upgrade Oracle E-Business Suite 12.1.x to 12.2.x and use Oracle E-Business Suite 12.2.x with plug-in 6.1.0, complete the following steps to migrate the projects that were created in plug-in 1.3.0 to plug-in 6.1.0:

1. Export the data in the TIB_BW_EBS_LOG table from Oracle E-Business Suite 12.1.x.

   See "Exporting Data from Oracle E-Business Suite 12.1.x" in *TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite User's Guide* for details.

2. Run the `common_all_undo.sql` file that is located in the *`TIBCO_HOME`*`/bw/palettes/oracleebs/`*`version_number`*`/config/12.1` directory to revoke the privileges granted to the plug-in user, and to drop the TIB_BW_EBS_LOG table and SQL packages used by plug-in 1.3.0.

3. Upgrade Oracle E-Business Suite 12.1.x to 12.2.x.

   When upgrading Oracle E-Business Suite 12.1.x to 12.2.x, if you use the same database instance and encounter issues related to queues, you must drop the queues that were created in Oracle E-Business Suite 12.1.x by using plug-in 1.3.0.

   For more details about how to drop queues, see the "Managing Queue Tables", "Managing Queues", "Managing Subscribers", and "Managing Oracle Streams AQ Agents" sections in http://docs.oracle.com/cd/B28359_01/server.111/b28420/aq_admin.htm#i1008361.

4. Run the `user_upgrade.sql` file that is located in the *`TIBCO_HOME`*`/bw/palettes/oracleebs/`*`version_number`*`/config/12.2/upgrade` directory to alter the enabled editions of the plug-in user.

5. Run the `common_all.sql` file that is located in the *`TIBCO_HOME`*`/bw/palettes/oracleebs/`*`version_number`*`/config/12.2` directory to re-grant privileges to the plug-in user, and to re-create the TIB_BW_EBS_LOG table and SQL packages used by plug-in 6.1.0.

6. Import the data, which was exported from Oracle E-Business Suite 12.1.x, into Oracle E-Business Suite 12.2.x.

   See "Importing Data into Oracle E-Business Suite 12.2.x" in *TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite User's Guide* for details.

7. Import the projects that were created in TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite 1.3.0 by using TIBCO Business Studio or by using command lines.

   See *TIBCO ActiveMatrix BusinessWorks Migration* in the TIBCO ActiveMatrix BusinessWorks documentation for more details about migration.

8. Reconfigure the imported projects in the plug-in 6.1.0 environment:

   a. Reconfigure Oracle E-Business Suite Shared Connection, especially the **Database URL** field.

   b. Reconfigure the parameters on the **General** tab of the Oracle API activities.

      For example, you must click **Search Procedure** to reselect the PROCESS_ITEM procedure. This is because the parameter number of the `PROCESS_ITEM` procedure in the EGO_ITEM_PUB package changes when you connect to Oracle E-Business Suite 12.2.x. In Oracle E-Business Suite 12.1.x, the parameter number of the `PROCESS_ITEM` procedure is 74; in Oracle E-Business Suite 12.2.x, the parameter number is 75.

   c. Regenerate and run the SQL scripts for the Oracle Concurrent Program, Custom Concurrent Program, and Oracle Business Event activities.

9. Save the projects.

10. Create EAR files for the saved projects.

11. Deploy the EAR files on TIBCO Enterprise Administrator™.

Compatibility with TIBCO BusinessWorks™ Container Edition

Adding the Plug-in to TIBCO BusinessWorks™ Container Edition

To add the plug-in to TIBCO BusinessWorks™ Container Edition, additional steps are required before applying Oracle E-Business Suite applications to TIBCO BusinessWorks Container Edition.

Procedure

1. Open the physical media or download the `TIB_bwpluginoracleebs_version_buildnumber_bwce-runtime.zip` installation package from the TIBCO eDelivery site (https://edelivery.tibco.com).

   To download the installation package, a user name and password are required. If you do not have a user name and password, contact TIBCO Technical Support.

2. Extract oracleebs.thirdparty.runtime folder from the .zip file to a temporary folder.
3. Delete the oracleebs.thirdparty.runtime folder from the runtime .zip file.
4. Place the third-party (name should be ojbc.jar and not ojbc6.jar for oracle driver) Jars files in the following folder: `oracleebs.thirdparty.runtime/runtime/plugins/com.tibco.bw.palette.oracleebs.thirdparty`.

   Alternatively copy the `com.tibco.bw.palette.oracleebs.thirdparty` folder from `BWCEHOME/bwce/palettes/oracleebs/6.1/runtime/oracleebs.thirdparty.runtime/runtime/plugins` folder.

5. Place this `com.tibco.bw.palette.oracleebs.thirdparty` folder in the `resources/addons/jars` folder for docker and/or cloud foundry image/buildpack creation.
6. Add the .zip file to TIBCO BusinessWorks Container Edition run time.

   - To add the .zip file to TIBCO BusinessWorks Container Edition run time for the Cloud Foundry platform, see The BusinessWorks Container Edition Buildpack in Developing for Cloud Foundry of TIBCO BusinessWorks Container Edition Application Development.
   - To add the .zip file to TIBCO BusinessWorks Container Edition run time for Docker/Docker based platforms, see "Creating the TIBCO BusinessWorks™ Container Edition Application Docker Image" in "Application Development for Docker" of TIBCO BusinessWorks™ Container Edition Application Development.

Closed Issues

The table lists the known issues in version 6.1.2 of TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite.

Key	Summary
AEBS-698	When you provide **Apps User Name** other than **Apps** in the OEBS Sharedresource Connection Configuration, you are unable to establish connection for Oracle Business Suite.
AEBS-696	When you clicked the **Package Search** button for the Oracle E-Business Suite API or custom APIs, the dialog box did not return to the **Search** option and it did not return any objects.

Known Issues

The table lists the known issues in version 6.1.2 of TIBCO ActiveMatrix BusinessWorks Plug-in for Oracle E-Business Suite.

Key	Summary
AEBS-689	**Summary**:Upgrade to a later plug-in version does not work. **Workaround**: None
AEBS-471	**Summary**: After the plug-in is installed, you cannot directly update the Oracle JDBC library or the Oracle Advanced Queuing library. **Workaround:** You can manually replace the `.jar` library files in the installation directories of the plug-in. 1. Exit TIBCO Business Studio. 2. Copy the `.jar` library files to the following directories: • *TIBCO_HOME*/bw/palettes/oracleebs/*version_number*/design/plugins • *TIBCO_HOME*/bw/palettes/oracleebs/*version_number*/runtime/oracleebs.thirdparty.runtime/runtime/plugins/com.tibco.bw.palette.oracleebs.thirdparty 3. Rename the files in both directories as follows: • Oracle JDBC library: `ojdbc.jar` • Oracle Advanced Queuing library: `aqapi.jar`