IBM TRIRIGA Application Platform
Version 3 Release 6.0.5

Readme

IBM®

Note
Before using this information and the product it supports, read the information in "Notices" on page 7.

This edition applies to version 3, release 6, modification 0.5 of IBM® TRIRIGA® Application Platform and to all subsequent releases and modifications until otherwise indicated in new editions.

Contents

Readme File for IBM TRIRIGA Application Platform 3.6.0.5 Fix Pack

This fix pack updates the IBM® TRIRIGA® Application Platform product.

Prerequisites and Supported Products

To install this fix pack, you must have IBM TRIRIGA Application Platform 3.6.0 installed. All previous 3.6.0 fix packs are included in this fix pack.

What's New in This Fix Pack

The following enhancements were added to the IBM TRIRIGA Application Platform in this fix pack.

Area of Impact	Description
BIM Connector	This release adds application support for version 3.6.0 of the BIM Connector, which will be available in a future release. There are many additions and changes to the BIM module including substantial changes to the BIM workflow.
	For full details review the BIM Connector Version 3.6.0 User's Guide, available on DeveloperWorks.
	These changes are backward compatible with earlier versions of the BIM connector, however there are some behavioral changes:
	- In previous versions, if there was not a Gross Area associated with the Revit Room used to create a TRIRIGA Space, or the TRIRIGA Space was created from a Revit Space, the gross area was set from the Revit Room or Space area. Now it is 0.
	- When searching for a specification to use in creating an asset, the first match is now the Revit type name. Revit type name was not previously used.
	- The connector now searches 9 Specification types to find a Specification to create an Asset, and an Asset of the same type is created. The supported Specification types are:
	· Building Equipment · Fixtures · Food Services · Furniture · Point of Sale Equipment · Security · Technology · Telephones · Work Area Outlets
	This list is extensible. (Tri-60230)

Area of Impact	Description
UX Framework	The Polymer 3 library used by UX Framework is updated to the 3.3.0 version. (Tri-59850)
UX Framework	The UX framework has been enhanced to support globalization when using tri-proxy (https://www.npmjs.com/package/@tririga/tri-proxy). (Tri-60027)
UX Framework	The UX Framework now supports globalization of UX apps developed using Polymer 3. (Tri-59419)

Important Information

The following important information is new to the IBM TRIRIGA Application Platform in this fix pack.

Area of Impact	Description
BIM Connector	The workflows used by the BIM Connector asset integration tool to find Specifications to use to create assets relies on Specification form names. If as part of TRIRIGA configuration, the form names have been changed or additional forms added and the target Specification uses a new or altered form, asset import will fail with an error that a specification is required to create an asset. This can be resolved by running the system report triBIMSupportedSpecTypes - Dev and updating the Specification Type Form field, or by adding additional records to the table with the added form names. (Tri-61010)

Installing the IBM TRIRIGA Application Platform 3.6.0.5 Fix Pack

To install the TRIRIGA Application Platform 3.6.0.5 fix pack, refer to the following general instructions.

Procedure

1. Ensure that no database configuration changes are pending and there are no entries in the WF_EVENT or EF_QUEUE tables. You can check the status of these tables by running the following SQL statements: `select count(*) from WF_EVENT` and `select count(*) from EF_QUEUE`.

2. For IBM WebSphere® Application Server Liberty profile, stop all application servers before continuing the installation.

3. For IBM WebSphere Application Server and Oracle® WebLogic Server, confirm that this server is started and stop all other application servers.

4. Take a backup of the database and the existing TRIRIGA install directory for each server. If necessary, you can use the backups to revert the system.

5. Download the 3.6.0-TIV-TAP-FP005 file.

6. Extract the file. You can extract the fix pack file into any directory.

7. Run one of following patch executable files: fixpack_tririga_v3.6.0.5_Windows.exe, fixpack_tririga_v3.6.0.5_Linux.bin, or fixpack_tririga_v3.6.0.5_AIX.bin.

8. In the Introduction pane, select **Next** or **Enter**.

9. In the license agreement, accept the terms and select **Next** or **Enter**.

10. Choose the directory where IBM TRIRIGA is installed. For example, the following directories: `c:\ibm\tririga\` or `/opt/ibm/tririga/`.

11. Review the information and select **Next** or **Enter**.

12. The fix pack process patches the WAR file and runs any platform database fix pack scripts.

> **Note** – In the patch folder for the 3.6.0.5 fix pack, when the fix pack installer backs up the ibm-tririga.war file, the backup .war file appears as the ibs-tririga.war.bak file.

13. For WebSphere Application Server Liberty Core profile, the WAR file deploys and the cache directories are removed. You must restart Liberty.

14. For WebSphere Application Server, the WAR file redeploys and starts automatically. If it fails, you need to manually redeploy the WAR file. The WAR file is located in one of the following root TRIRIGA install directories: `c:\ibm\tririga\ibm-tririga.war` or `/opt/ibm/tririga/ibm-tririga.war`. Refer to IBM's instructions for deploying a .war application.

15. For Oracle WebLogic Server, delete all of the cache, tmp, and .wlnotdelete directories under WebLogic's TRIRIGA domain after the fix pack installation is complete, as these directories might contain files that are left over from the previous application/ear installation. For example:

    `<weblogic>\user_projects\domains\tririga10domain\servers\tririgaServer\tmp`

    `<weblogic>\user_projects\domains\tririga10domain\servers\tririgaServer\cache`

16. For Oracle WebLogic Server, the fix pack process attempts to redeploy the WAR file into the managed server. However, because of conditions in the server environment outside of IBM TRIRIGA's control, you might need to manually redeploy the WAR file. Restart the application server when the fix pack completes and check the build number in the IBM TRIRIGA Administrator Console. If the old .war file still shows, redeploy the .war file. Refer to Oracle's instructions for deploying a .war application into the managed server.

What to Do Next

After the fix pack install completes, check the platform release in the IBM TRIRIGA Administrator Console. Verify that the fix pack you just installed is listed.

Resolved Issues

The following issues were resolved in the IBM TRIRIGA Application Platform 3.6.0.5 fix pack.

Area of Change	Description
Administrator Console	In the Administrator Console, a user with access to the Error Logs object can now download logs. (Tri-59664-IJ14939)
Gantt	When a task is created by a service request, the planned start seconds value and the seconds in planned end date value are now set to zero. (Tri-59822-IJ16659)
Portals	The action buttons on Portal sections are now clearly visible. (Tri-60589-IJ14579)
Portals	When running a query on a navigation item or inside a Portal section using Chrome or Internet Explorer, the horizontal scroll bar is now visible. (Tri-60591-IJ12498)
Record Runtime	Locator fields displayed in an editable query can now be assigned data when autocomplete causes the query section to expand vertically. (Tri-60592-IJ13058)
Reporting	When a Related Reports drop-down list causes a query section to expand vertically, the user can now select any of the related reports links. (Tri-60588-IJ15796)
Reporting	When creating queries using the Group By option, an issue has been resolved where there were empty lines displayed, which was associated with the number of fields in the group-by selection. For instance, if 4 fields were selected to group-by in the report, 4 additional empty lines were selected. Now, only one consecutive empty line shows. This empty line is to separate groups in the query. (Tri-60590-IJ12650)
Reporting	When you run a Summary Report and click one of the records to drill down into the detail report, a pop-up message with a null message no longer displays. (Tri-59821-IJ17076)
Security	JQuery libraries are upgraded to version 3.4.1 due to a vulnerability in the jQuery.extend method. (Tri-60695)
UX Framework	Resolved an issue on the UX Framework that caused some Polymer 3 components to not display correctly for right-to-left languages. (Tri-59854)
UX Framework	Resolved an issue on the UX Framework that could cause translation issues on components files that use html template tags within a table tag. (Tri-60032)
UX Framework	The Polymer 3 version of the iron-label component was imported into UX Framework, and Polymer 3 UX components can now use it. This also fixes an issue with the Polymer 3 version of the triplat-note component that requires iron-label. (Tri-59846)

Information Resources

IBM Knowledge Center

https://www.ibm.com/support/knowledgecenter/SSHEB3_3.6.0/com.ibm.tap.doc/product_landing.html

Access the Knowledge Center to view the product documentation. Topics include product overviews; installation and configuration tasks; instructions for using, administering, and troubleshooting the product; and security information.

Real Estate and Facilities Management community

https://www.ibm.com/developerworks/community/groups/service/html/communityview?communityUuid=9e3a5b9d-6a06-4796-a6c1-5137b626e39c

Use the Real Estate and Facilities Management community to review information such as best practices, performance and tuning, and product integrations. You can also collaborate with IBM experts and the broader user community.

IBM TRIRIGA Application Platform support portal

https://www.ibm.com/support/home/product/B587581X76101M05/IBM_TRIRIGA_Application_Platform

The IBM support resources portal provides access to tools and resources to keep your systems, software, and applications running smoothly. From the support resources portal you can find fixes, service requests, useful links, and an enhanced search to help you find information quickly.

IBM TRIRIGA Application Platform Information and Support Resources

https://www.ibm.com/support/docview.wss?uid=swg21611356

The IBM TRIRIGA Information and Support Resources page is a collection of links and other resources that provides information and assistance for IBM TRIRIGA products.

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