

Wikis

IBM TRIRIGA

Log in to participate

- ▶ **TRIRIGA Wiki Home**
- ▶ **Facilities Management ...**
- Facilities Maintenance**
- ▶ **Environmental & Energ...**
- ▶ **Real Estate Management**
- ▶ **Capital Project Manage...**
- ▼ **CAD Integrator-Publish...**
- ▼ **Version 12**
- Changes in version 12**
- Changes in version ...**
- Changes in version ...**
- AutoCAD Command ...**
- Replicating Legacy ...**
- Troubleshooting CA...**
- Troubleshooting CA...**
- Turn on full logging l...**
- Import a HTTPS cert...**
- Manually Loading CI...**
- MicroStation fails to ...**
- AutoCAD fails to loa...**
- Accessing the CI Ins...**
- 12.x Application Defi...**
- Only one Gross Are...**
- Options for selectin...**
- **Manual Import of a ...**
- (12.1.x and later) Co...**
- Finding Floors with ...**
- Manual Import of a 1...**
- Troubleshooting (12...**
- Trouble Installing or ...**
- Troubleshooting CI ...**
- Tips on Uploading S...**
- MicroStation fails to ...**
- Troubleshooting - A...**
- Troubleshooting - Mi...**
- CAD Mapping Limita...**
- Space Label Generato...**
- Exporting Uploaded C...**
- Label Positioning in C...**
- ▶ **BIM**
- ▶ **IBM TRIRIGA Connector...**
- ▶ **IBM TRIRIGA Anywhere**
- ▶ **IBM TRIRIGA Applicatio...**
- ▶ **Release Notes**
- ▶ **Media Library**
- ▶ **Best Practices**
- ▶ **Upgrading**
- ▶ **Troubleshooting**
- ▶ **UX Framework**

Index

Members

Trash

▼ Tags

?

Find a Tag

analysis application
availability_section best_practices
cad change_management
changes compare
compare_revisions
customizations customize
database db2 exchange
find_available_times gantt_chart
gantt_scheduler group
memory_footprint modifications
modify object_label
object_revision
operating_system oracle

You are in: [IBM TRIRIGA](#) > [CAD Integrator-Publisher and BIM](#) > [Version 12](#) > Manual Import of a 12.0.x Application Definition

Manual Import of a 12.0.x Application Definition



| Updated February 10, 2015 by [MartinBurch](#) | Tags: *None*

Page Actions

Introduction

These instructions are for CI 12.0.x, which requires TRIRIGA 3.3.x or ealier. If you are on 12.1.x (TRIRIGA 3.4.x) or later please follow the instructions on this page:

[Manual Import of a 12.1.x Application Definition](#)

NOTE: Some of these instructions will delete any existing customized application definitions! Back up your work before proceeding.

The CI Application Definition is divided into 3 parts:

- CADApplicationManagerMeta (metadata changes).
- CADApplicationManagerAppDef (default application definition records).
- CADApplicationManagerPlanningAppDef (default planning application definition records).

Also included are a couple scripts to aid in cleaning up old application definition records, and an OM with patch helper to aid in manual import.

In general, the application server should handle the import of the default application definition, but if there are any errors in the import, you can use these manual steps to troubleshoot the import.

Why do I need to import the packages twice?

The OM application definition packages include new records with many locator references to each other, so if some or all the records are new, then the locator fields may not be able to resolve on the not yet existing objects depending on the specific order the records are imported. By importing it twice, on the second pass, all the records exist, so the locators will be correctly set. The upgrade class will run the 2 pass import for you so you will usually not need to do this.

Why do I need to run the patch helpers?

The "Mapping" objects that are imported as part of the default application definition contain associations to "Special Field" and "Associated Object" records. Since OM does not naturally support associations, we need to run a WF to do this after import. Also, the dependent "Special Fields" and "Associated Object" records when imported, will usually result in duplicate records. To avoid associating multiple instances of the "same" dependent records, the "CIA Clean" workflow cleans any existing association data on the dependent records for each mapping in the package. Importing the package adds new dependent objects with association data. Finally running the "CIA" patch helper workflow associates the dependent objects to its parent mapping using the association data. The "association data" is actually just a hidden field on the dependent object identifying its parent mapping. Failure to run the patch helpers will result in either missing associated special fields, or multiple special fields. Since each mapping must have exactly one name field, this can be the cause of a lot of errors. Note that the upgrade class will also take care of running the correct WFs to do this for you.

Add the CI Application Manager Nav Item

For pre-10.3 environments, the CI Application Manager is not on the menu by default. Find and add these nav items to your menu:



These Navigation Items are included in the CADApplicationManagerMeta package, so if they are missing, then it is probably due to an error in the metadata OM import.

Metadata Manual Import Instructions

1. Validate the "CADApplicationManagerMeta_01162014" package (attached). Usually validation can catch issues that prevent import from occurring.
2. If validation fails, identify and fix the issues, and import the package.

This method does not affect your existing application definition records, but if there are still issues, you may consider the alternatives below.

Rerun Default Application Definition Import

NOTE: This will delete existing application definitions!

Assuming there were validation errors in the metadata package, which were resolved and imported manually, you can try rerunning the default application definition import upgrade:

1. Follow the instructions in "RESET_CIA_APPS_mssql.sql" or "RESET_CIA_APPS_oracle.sql" (attached).
2. Note: This hard deletes all existing application definitions. When you restart your app server, the upgrade class will attempt to import the default application definition(s) again.

If there are still issues with the application definitions, consider a full clean manual import.

Full Clean Manual Import Instructions

NOTE: This will delete existing application definitions!

1. Delete the old CI application definitions by running the "RESET_CIA_APPS_mssql.sql" or "RESET_CIA_APPS_oracle.sql" (attached). Omit this step "delete from environment_properties where property = 'CIAppManagerAppDefRecordsUpgrade'" to prevent the app server from attempting to import the default application definition.
2. If not already done, import the "CADApplicationManagerMeta_01162014" package (attached).
3. Import, if never been imported before, the "CIAppManagerPatchHelpers_09102012" package (attached).
4. Import the default application definition packages, and if you have the Strategic Facilities Planning Application, the default planning application definition:
 1. CADApplicationManagerAppDef_11142012 (attached).
 2. CADApplicationManagerPlanningAppDef_10222012
5. Run the "CIA Clean" Patch helper (see Using CIA Patch Helpers below).
6. Repeat step 4.
7. Run the "CIA" Patch helper.
8. Verify the Space Mapping. When you open it, you should see exactly 4 special fields for "Mappable", "Area 1", "Area 2", and "Name", as well as 8 attachable associated objects and 2 other associated objects. You might see zero associated special fields and associated objects or see duplicate special fields and associated objects. If that happens, rerun steps 5-7. Note that the patch helpers are case and space sensitive. They run associate/deassociate record workflows that need time to run between the OM import of step 6. The OM in step 6 needs to run until completion before step 7 is run. If needed, turn on the show workflow tabs in the patch helper records to ensure you see the workflows complete before the next step.

Using CIA Patch Helpers

The default application definition object migration package(s) includes record data the needs to be associated. The CIAppManagerPatchHelpers OM includes a patch helper that does this association for you. To use, create a new nav item (Master Detail Default Query for triHelper > triPatchHelper -- Note that if you run a particular patch helper, like "CIA" multiple times, you will need to delete the old one), put "CIA" in the name field, and click Calculate:

Home > Portfolio > Custom > PatchHelper

GeneralWork Flow InstanceAssociations

(Required):

General

Do not calculate this record unless requested in the upgrade instructions

NameCIA







Calculatex

Use "CIA Clean" and "CIA" according to the instructions above.

Comments (0)	Versions (5)	Attachments (8)	About
--------------	--------------	-----------------	-------

1-8 of 8

PreviousNext

 CADApplicationManagerAppDef_11142012.zip	August 18, 2014	108 KB
 CADApplicationManagerMeta_01162014.zip	August 18, 2014	249 KB
 CADApplicationManagerPlanningAppDef_10222012.zip	August 18, 2014	34 KB
 CIAppManagerPatchHelpers_09102012.zip	August 18, 2014	6 KB
 RESET_CIA_APPS_mssql.sql	August 18, 2014	1 KB
 RESET_CIA_APPS_oracle.sql	August 18, 2014	1 KB