

Wikis

IBM TRIRIGA

- ▶ [TRIRIGA Wiki Home](#)
- ▶ [Facilities Management ...](#)
 - Facilities Maintenance
- ▶ [Environmental & Energ...](#)
- ▶ [Real Estate Management](#)
- ▶ [Capital Project Manage...](#)
- ▶ [CAD Integrator-Publish...](#)
- ▶ [IBM TRIRIGA Connector...](#)
- ▶ [IBM TRIRIGA Anywhere](#)
- ▶ [IBM TRIRIGA Applicatio...](#)
- ▶ [Release Notes](#)
- ▶ [Media Library](#)
- ▶ [Best Practices](#)
- ▶ [Upgrading](#)
- ▶ [Troubleshooting](#)
- ▼ [UX Framework](#)
 - UX Articles
 - ▶ [UX App Building](#)
 - ▶ [UX Perceptive Apps](#)
 - ▼ [UX in Foundation Tools](#)
 - UX in Admin Consol...
 - UX in Globalization t...
 - UX in Navigation tool
 - [UX in Object Migrati...](#)
 - UX in Security tool
 - ▶ [UX App Designer Tools](#)
 - UX Best Practices
 - ▶ [UX in Foundation Docs](#)
 - UX Component Docs
 - ▶ [UX Tips & Tricks](#)
 - UX Videos
 - ▶ [UX Archives](#)

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
 performance platform
 problem_determination reports
 reserve reserve_performance
 revision revisioning
 single_sign-on snapshot space
 sql_server sso support system
 system_performance
 tags: track_customizations
 tririga troubleshoot tuning
 upgrade ux version versioning

Cloud | List

▶ Members

You are in: [IBM TRIRIGA](#) > [UX Framework](#) > [UX in Foundation Tools](#) > [UX in Object Migration tool](#)

UX in Object Migration tool

Like | Updated October 8, 2019 by [Jay.Manaloto](#) | Tags: *None*

Page Actions

UX Framework

UX
Perceptive AppsUX
in Classic ToolsUX App
Designer ToolsUX
Best Practices

See the [UX Article 4 "Navigating UX" PDF](#) for previous versions of this content. As of 3.6.0, "snapshots" are called "revisions", and the "Create Revision" action also saves the UX metadata.

What UX options are in the Object Migration tool?

Our foundation TRIRIGA object migration tool enables you to "migrate the objects such as business objects, forms, and workflows" to other TRIRIGA environments. From there, you can use your migrated objects.

Application.

To support our UX framework, you can select the **Application** option to search for and add UX applications to your export package. During export, all UX metadata related to the application, such as the model-and-view, model, and data sources, plus all UX application view files related to the web view metadata with a **Component Type** of **VIEW**, such as HTML and CSS files, will be automatically added to the package.

By default, all foundation objects that the UX application depends on, will be automatically added. The foundation objects will include queries, workflows, lists, modules, business objects, and forms. For queries and workflows, any dependent queries and workflows will be added n-levels deep.

If you return to the export package at a later time, the navigation tree won't show the UX metadata and UX view files that were automatically added to the package. But if you select the package for import, the navigation tree will now show all of the UX metadata and UX view files.

Web Component.

Similarly, you can select the **Web Component** option to search for and add UX web components to your export package. By default, during export, only the selected web view metadata with a **Component Type** that is *not equal* to **VIEW**, such as **APPLICATION**, **BUILDING_BLOCK**, **CORE**, and **PLATFORM** will be added to the package.

As of 3.6.0, if needed, you can show, search for, and add web view metadata with a **Component Type** of **VIEW**.

Description of Web Component Types.

Component Type	Description
APPLICATION	These application "building blocks" are function-specific app-building components for use by any or all UX apps.
BUILDING_BLOCK	These platform "building blocks" are generic app-building components for use by any or all UX apps.
CORE	These core platform components are not shown to users.
PLATFORM	These platform components are generic app-building components for use by any or all UX apps. They are more advanced than "building blocks".
VIEW	These application view files are related to the web view metadata, such as HTML and CSS files, in a UX app.

Web View Metadata > Component Type.

Web View Metadata: Print Help

General System Workflow Instance Associations Create x

General

* Name * ID

Exposed Name

Description

Component Type

View Files

0 total found Show: 10

ID	Name	Exposed Name
<input type="checkbox"/>	APPLICATION	
<input type="checkbox"/>	BUILDING_BLOCK	
<input type="checkbox"/>	CORE	
<input type="checkbox"/>	PLATFORM	
<input type="checkbox"/>	VIEW	

No data to display

Object Export.

To track your latest changes before you perform the export, you can create revisions for any UX metadata objects that you changed and saved, such as an **Application**, **Model**, or **Web View**.

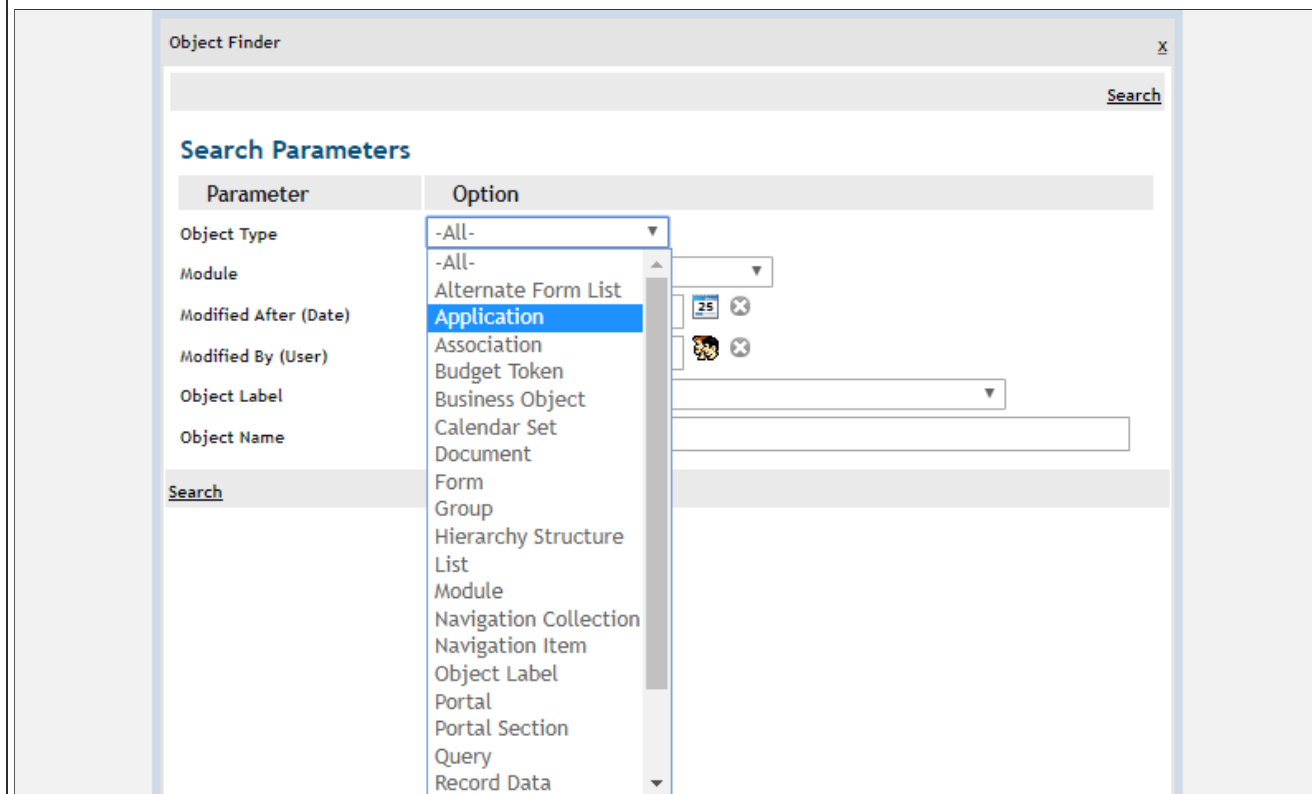
The **Create Revision** action saves your changes and applies the **In Progress** object label to the UX metadata component and all of its dependent children components. For bulk changes to multiple UX metadata components, the **Create Revision For Selected** action and **Create All Needed Revisions** action are available on the landing page of the related UX app designer tool. Then you can apply a custom object label to these modified objects in the **Object Label Manager**.

Here are the basic steps for an **Application** or **Web Component** export:

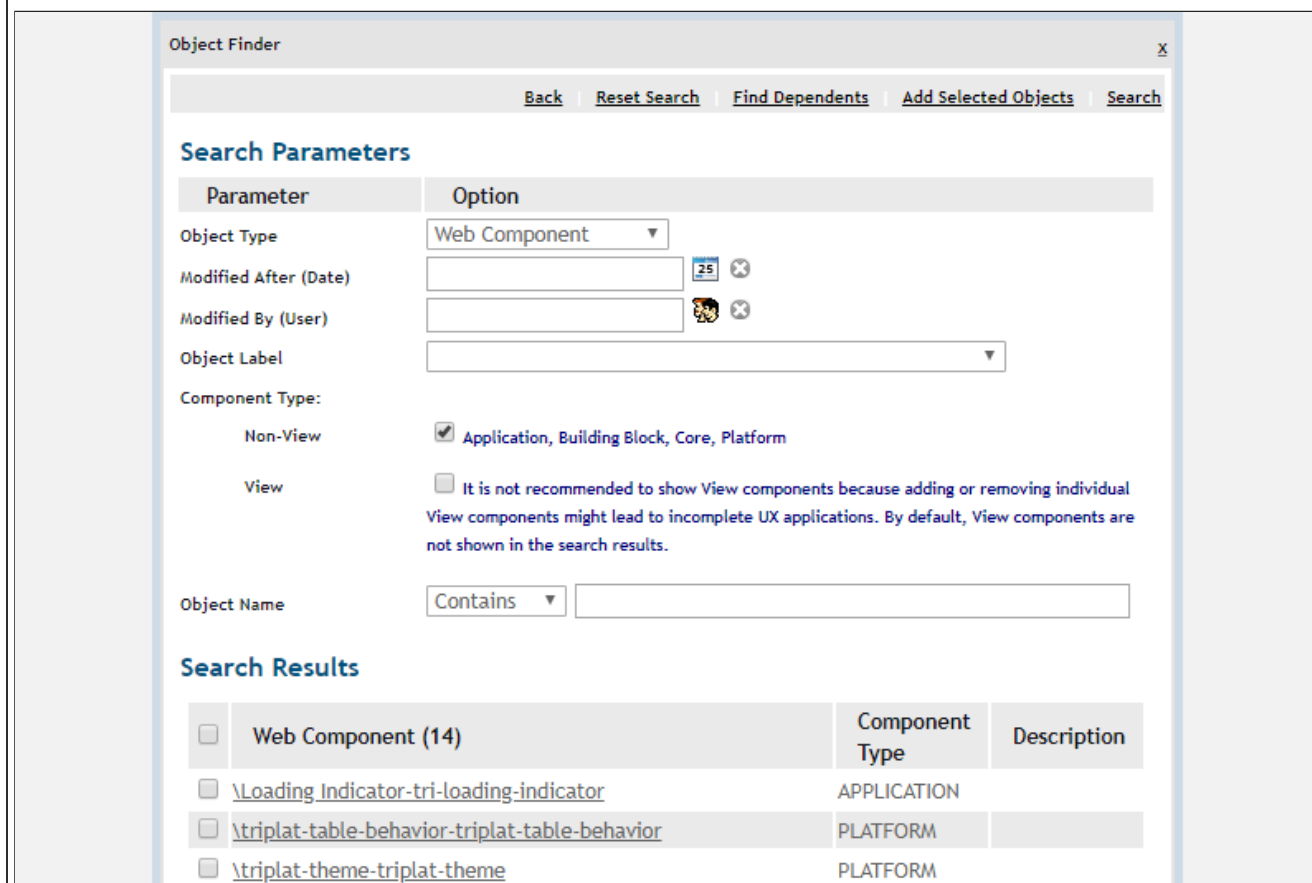
- Open the object migration tool.
- Create a new export package.
- Search for objects with your parameters.
 - Select the **Application** object type. Click **Search**.
 - The **Object Name** is cleared so that dependents aren't filtered.
 - Or select the **Web Component** object type. Click **Search**.
- Select and add objects to the export package.
 - If needed, create revisions by drilling down into the highlighted objects and clicking **Create Revision**.
- Perform the export.

Be aware not to confuse the **Application** object type in the object migration tool with the **APPLICATION** component type in the web view metadata.

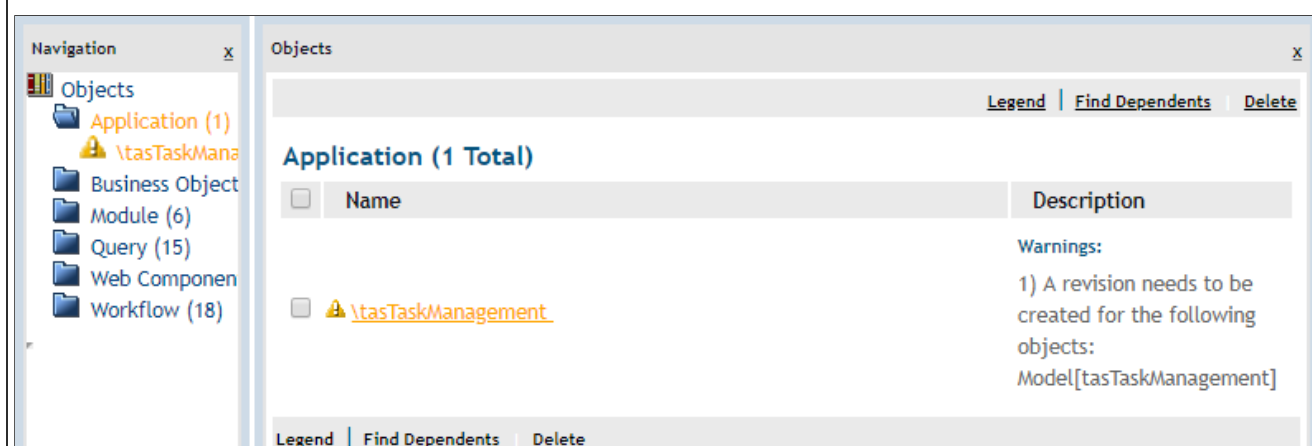
Object Migration > Search for Objects (3.6.0).



Object Migration > Component Type (3.6.0).



Object Migration > Revision Needs To Be Created (3.6.0).



Search for Dependents.

As I mentioned earlier, you can select the **Application** object type to search for and add UX applications, including all UX metadata and foundation objects that they depend on, to your export package. If your search finds the **Application** object type,

the **Include Dependents** check box is selected by default. If your search finds other foundation object types, this check box will not apply.

Here are more advanced steps to limit the dependent foundation objects:

- Open the object migration tool.
- Create a new export package.
- Search for objects with your parameters.
 - Select the **Application** object type. Click **Search**.
 - The **Object Name** is cleared so that dependents aren't filtered.
- Clear the **Include Dependents** check box.
- Select any search results. Click **Find Dependents**.
- Select and add dependent foundation objects to the export package.
 - If needed, create revisions by drilling down into the highlighted objects and clicking **Create Revision**.
- Perform the export.

Be aware that the **Object Name** is automatically cleared after each search, so that dependent foundation objects aren't filtered and they're all available if needed. Meanwhile, you cannot limit the dependent UX metadata of the application, because it is always added to the package.

Object Migration > Search for Dependents (3.6.0).

The screenshot shows the 'Object Finder' window with the following elements:

- Navigation:** Back, Reset Search, Find Dependents, Add Selected Objects, Search.
- Search Parameters:**
 - Object Type:** Application (dropdown)
 - Modified After (Date):** [] 25 (calendar icon)
 - Modified By (User):** [] (user icon)
 - Object Label:** [] (dropdown)
 - Object Name:** Contains [] (dropdown and text input)
 - Include Dependents:** It is not recommended to clear this option because removing automatically-included dependent objects, such as workflows, queries, and business objects, might lead to incomplete UX applications. By default, all dependents are included in the export package.
- Search Results:**

<input type="checkbox"/>	Application (18)	Description
<input type="checkbox"/>	\triAppPeopleSearch	
<input type="checkbox"/>	\triBIMViewer	
<input type="checkbox"/>	\triGroupMove	

Object Import.

Here are the basic steps for an **Application** or **Web Component** import:

- Open the object migration tool.
- Select a new import package.
- Review or remove any unwanted objects from the import package.
- Validate the package.
 - Select **Wait** to perform the validation synchronously.
 - Or select **Background** to perform the validation asynchronously.
- If the validation passes, compare the uploaded and existing objects.
- When the comparison is completed, perform the import.

During import, if an **Application** or **Web Component** object exists in the target environment, a revision of the object will be created in the target environment. Also, to prepare a clean target, all UX metadata that is related to the specific **Application** or **Web Component** object in the target environment, but isn't included in the import package, will be deleted.

Object Compare.

Here are the basic steps to compare uploaded and existing UX metadata:

- Open the object migration tool.
- Select a new import package.
- In the **Navigation** panel, select or open a UX metadata folder.
 - Select **Application**, **Model**, or **Model and View**.
- In the **Objects** panel, select a UX metadata object. Click **Compare**.
- Expand any UX metadata object levels if needed.
 - **Red text** means the object is in the target, but not the package.
 - **Green text** means the object is in the package, but not the target.

Be aware that while the binary files attached to the **Web View File** metadata object, such as HTML and CSS files, are compared, the tool only shows whether the files are the same or different, nothing more.

Object Download.

As of 3.6.0, if differences are reported on the UX content files, such as HTML and CSS files, then to determine the **exact** differences, you can download the content files and compare the content file versions by using an HTML "diff" tool.

Here are the basic steps to download UX content files:

- Open the object migration tool.
- Select a new import package.
- In the **Navigation** panel, select or open a UX metadata folder.
 - Select **Web Component** or **Web View File**.
- In the **Objects** panel, select one or more UX content files. Click **Download Content For Selected**.

The downloaded ZIP file includes the **OM** folder and **System** folder. The **OM** folder contains the source content files, while the **System** folder contains the target content files. Next, you can compare the content file versions by using an HTML "diff" tool. For information on comparing UX metadata, see [Compare and Merge HTML Views](#).

Object Migration > Download UX Content (3.6.0).

Navigation

- Objects
- Web Component
- \52022-52022

Objects

Legend | **Download Content For Selected** | Compare | Compare & Select Matching Objects | Select New Objects | Select Existing Objects | Delete

Web Component (1 Total, 0 New, 1 Existing)

<input type="checkbox"/>	Name	Description
<input checked="" type="checkbox"/>	\52022-52022	<p>Compare Results:</p> <ul style="list-style-type: none"> WebView [\52022-52022] 0 0 1 triDescriptionTX [52022-testing purpose] [52022] <p>Warnings:</p> <p>1) Object Label Conflict Detected: This object contains changes that the import process will overwrite. The changes will be saved in a revision. You can use comparison to view differences between revisions. Source Object Label: [In Progress 0.0] Target Object Label: [In Progress 0.0].</p>

Legend | Download Content For Selected | Compare | Compare | Select Existing Objects | Delete

Property

test52444(2)

Attributes	Values
Name	test52444(2)
Description	Testing OM export package
Status	New
Created Date	05/15/2018 07:22:16
Modified Date	05/15/2018 07:22:16

[Next >](#)

[Comments \(0\)](#) |
 [Versions \(12\)](#) |
 [Attachments \(7\)](#) |
 [About](#)

There are no comments.

[Add a comment](#)

[Feed for this page](#) |
 [Feed for these comments](#)