



HEXAGON

How to Import Apps:

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Intent:

The goal of this article is to familiarize the reader with how to import packages from either their current tenants, or from the Xalt App Store

Background:

Built into the Xalt Mobility Platform is the ability to import packages that contain object, actions queries, launchers, etc. These packages can be imported into Xalt Cloud Server and deployed to use with a few clicks. Originally, this function was intended to moved application from development environments to QA or Production environments, but it is as equally useful to import new applications from a variety of sources.

Creating Import Packages

To create an Import Package, choose the New menu option.

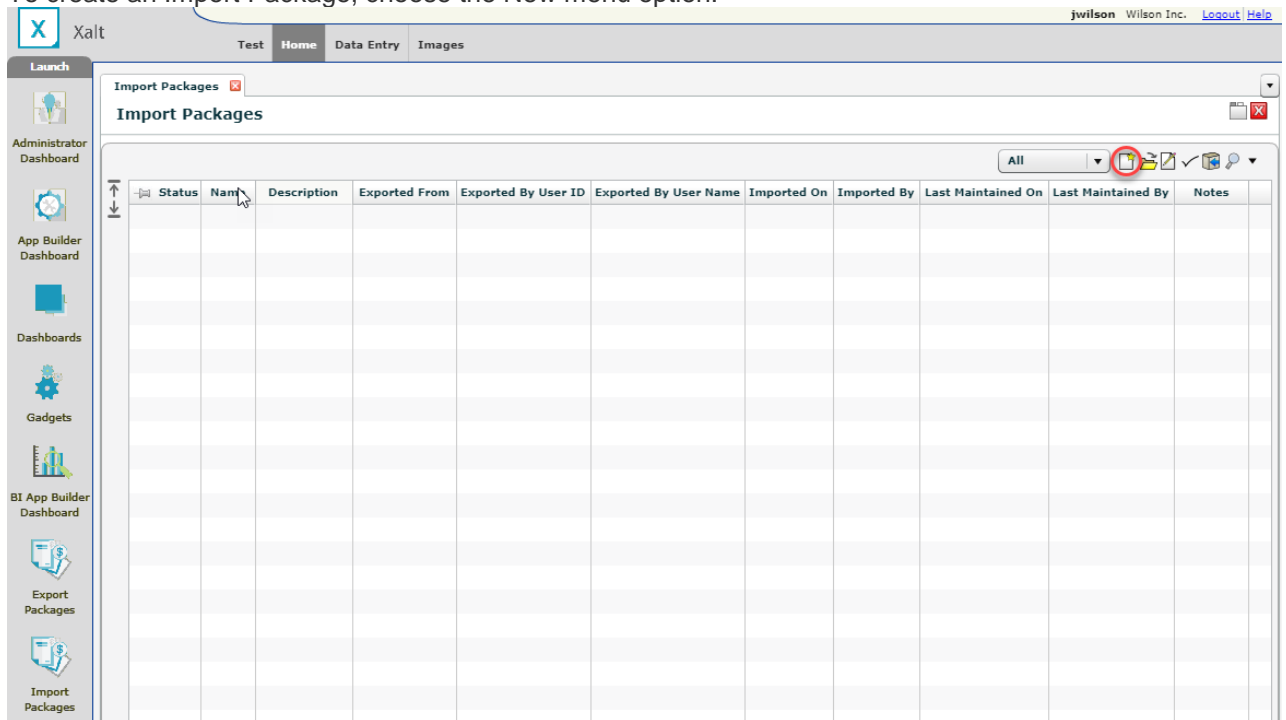


Figure 1: The Import Packages list view with the New menu option highlighted
You will be presented with the following window:



The 'Create Import Package' dialog box is shown. It has a title bar with a close button. The main area contains fields for 'Export File' (with a file icon), 'Name', 'Description', and 'Notes'. At the bottom are 'Save' and 'Cancel' buttons. A red circle highlights the file icon in the 'Export File' field.

Figure 2: The Create Import Package view

In the **Export File**, you should select the ZIP file that was produced by the Export process. You may also specify a **Name**, **Description**, and **Notes** for the Import Package. If you leave them blank, they will be defaulted to the values you specified for these fields in the Export Package.

When you press Save, the contents of the zip file will be loaded and analysed. The Import Package will be created, and you will be brought to the following screen which will summarize the objects to be imported and any issues that are currently preventing a successful import.

The screenshot shows the 'Import Package' detail view in the Xalt application. The top navigation bar includes 'Test', 'Home', 'Data Entry', and 'Images'. The left sidebar has links to 'Administrator Dashboard', 'App Builder Dashboard', 'Dashboards', 'Gadgets', 'BI App Builder Dashboard', and 'Export Packages'. The main content area is titled 'Import Package' and shows details for 'QA App'. It includes fields for Name, Description, Status (Not Ready), Imported On, Imported By, Last Maintained On, Last Maintained By, Notes, and Original Export Package details. A 'Sections' table is also displayed, showing the status of various objects and the number of remaining issues.

Status	Type	Objects	Skipped	Remaining Issues	Notes
Ready	Satellite Servers	0			
Not Ready	Data Sources	1		1	
Not Ready	Data Objects	55		4	
Ready	Default Properties	0			
Ready	Custom Forms	0			
Ready	Gadgets	0			
Ready	GML Images	6			
Not Ready	Images	44		12	
Ready	Security Roles	0			
Not Ready	Workbenches	1		6	
Ready	Dashboards	0			

Figure 3: The Import Package detail view

Drilling into a Section, you can see a list of the objects (Data Objects, Data Sources, Workbenches, etc) that will be imported into the system along with the number of total and unresolved issues left. Once all issues for the object have been resolved, the Status of the object will move to Ready. There are also menu actions to Skip Import and Include in Import. Selecting one or more records and pressing the Skip Import button will resolve all issues with a Skip Object resolution and mark the object to not be imported. Selecting one or more



records and pressing the Include in Import button will effectively reverse a Skip Import. The object will no longer be marked as skipped and all issues will be reset back to their original state. For Data Source and Data Object types, there is a third action called Reassign Reference. This is a special action that allows you to reassign a reference for multiple records at a time. See Other Import Menu Options for more information on this action.

Figure 4: The Import Package Section detail view with the Include in Import, Skip Import, and Reassign Reference actions highlighted

Drilling into an Object, you can see a list of the Issues preventing the object from being imported into the system along with the current Resolution, if any. Once an Issue has been resolved, the Status of the Issue will move from Pending to Resolved, the issue may be automatically resolved at the time the ZIP file is loaded and analysed. There is also a Reset Resolution menu action. Selecting one or more records and pressing the Reset Resolution button will undo a resolution and set its status back to Pending.



Figure 5: The Import Section Object detail view with the Reset Resolution button highlighted

Drilling into the Issue will show more information about the exact problem. Detail will more fully describe the problem as well as describing each of the available Resolutions and what action will be taken. Some Resolutions such as Skip Object are self-contained, while others such as Reassign Reference require more information. For those that require more information, you will need to enter or select a value in the Resolution Object field.

Figure 6: The Import Object Issue detail view

In this case we had to select Reassign Reference and select the appropriate Satellite Server.

Xalt

Launch

Administrator Dashboard

App Builder Dashboard

Dashboards

Gadgets

BI App Builder Dashboard

Export Packages

Import Packages

Test

Home

Data Entry

Images

Import Packages

Import Package: QA App

Import Package Section: Data Sources

Import Section Object: Inspection V3

Import Object Issue: Inspection V3

Import Object Issue

Issues

Inspection V3

Type

Value Conflict

Number

IMP-00100

Description

Data Source refers to Satellite Server 'SSCV02' that was not exported.

Detail

Data Source refers to Satellite Server 'SSCV02' that was not exported.

If you choose 'Reassign Reference', this value will be imported under the selected Satellite Server.
If you choose 'Skip Object', this Data Source will not be imported.

Status

Resolved

Resolution

Reassign Reference

Resolution Object

SS1

Notes

edit

Figure 7: After selecting the resolution, you will see the Status changes to Resolved.

You will need to go through each Section and complete the above steps until all sections are highlighted Green and Ready. Once all sections are completed, The Import Package will change form a red “Not Ready” to a Green “Ready”

[illegible]

Figure 8: The import package shows as ready for import

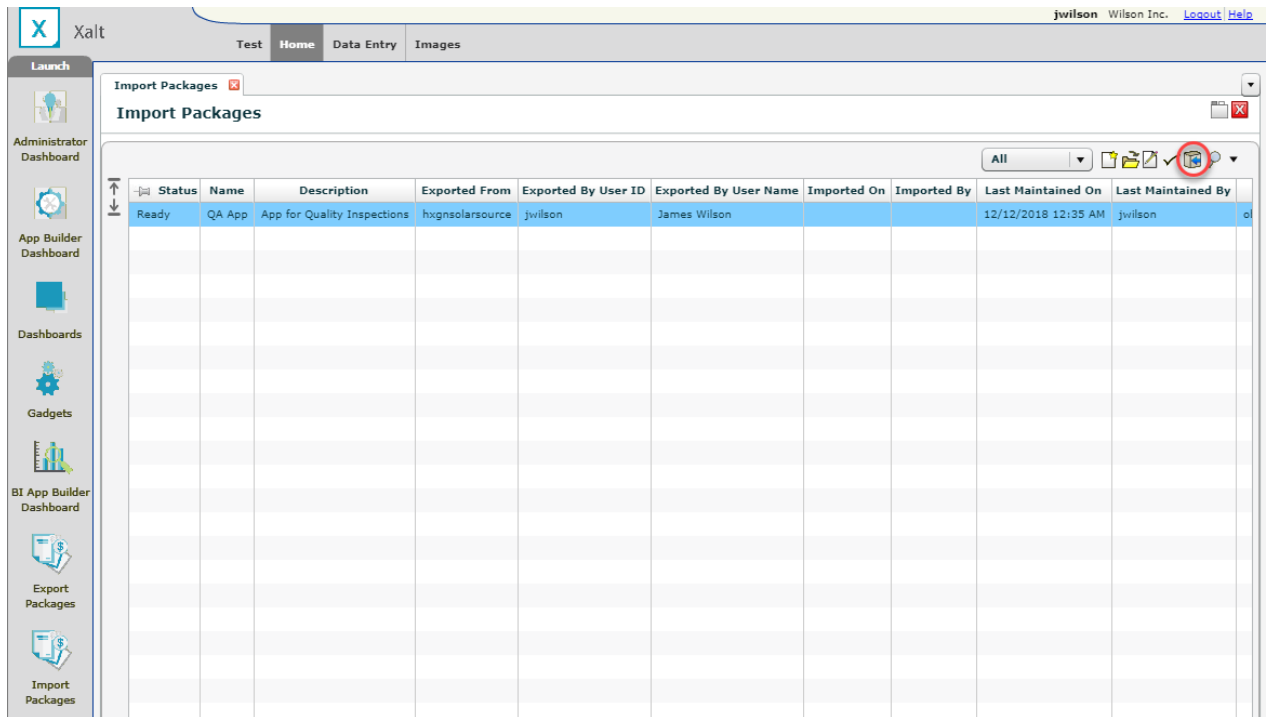


Figure: 9 Click the Import Object Button

Click the Import Objects button to begin the import of the required components for the application.

You will be prompted to input the user credentials for the data sources that are required for the Application.

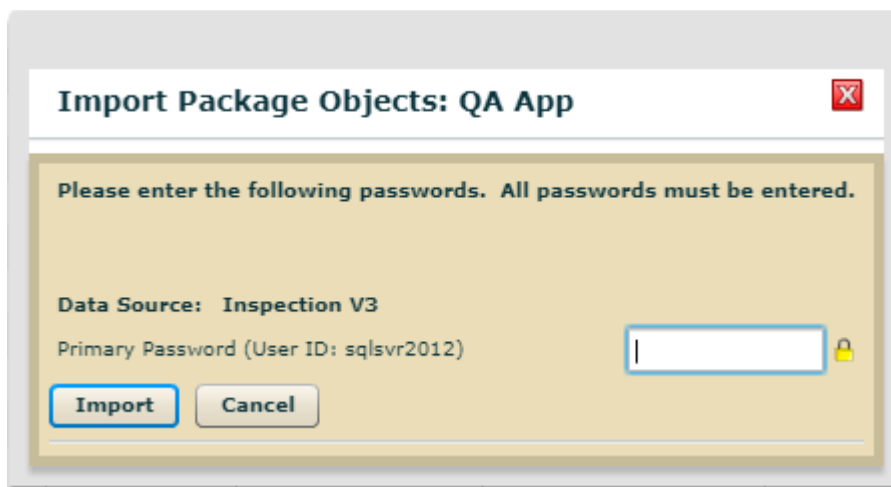


Figure 10: Enter the Password for Data Sources