Importing tests from HP ALM/QC

Xray v3.0 has a basic built-in tests importer for HP ALM/QC v12.5x.

You can import test cases from HP ALM's "Test Plan" (not in any way related with Xray's Test Plan issue) by using HP ALM's REST API.

The current implementation is essentially limited to importing manual test specifications, their steps and their attachments.

Features and Limitations

Supported Features	Unsupported				
 import Test case specification from HP ALM's "Test Plan" tests without parameters tests without called steps tests that are not marked as "templates" tests of type "MANUAL" import Test attachments and Test step-level attachments import formatted Test description 	 tests whose type is not "MANUAL" tests with parameters tests with called steps tests that marked as being "templates" defects and requirements links to defects/requirements hierarchical organization information test runs Test Lab-related information (tests, runs, etc.) 				

Please note

The current importer is relatively basic. If you need to migrate more information and have further control over the migrated data, we recommend you contact an Atlassian partner with expertise on this kind of migrations. Note that migrating "all" information may be a complex process to implement and some things may not be mappable at all.

Please note

The steps information from HP ALM/QC is saved in HTML which is only convertible to Jira's wiki markup from Jira 7.2 and later. In Jira version below 7.2, the steps are shown with HTML markup.

How to use

Suppose you have a project in HP ALM (see above for supported version/s) and you wish to import the tests from HP ALM's "Test Plan", as seen below:

		x
← 🕞 ⊘ http://localhost:8080/qc 🔎 ▾ ở ⊘ HP Applic	cation Lifecycle M 🗙 👘 🛠	7 🔅
File Edit View Favorites Tools Help		
		^
Application Life	ecycle Management	
Name: test use	er	
Password: ****		
Autom	natically log in to my last domain and	≡
Forget pas	ssword	
i orgot pas	Auchenticate	
Domain-		
Project: test_pro	oject 🗸	
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Tests Edit View Favorites Analysis		
No Filter Defined	Details Design Steps Parameters Attachments Tesi ()	
Name	2 / / / / / / / / / / / / / / / / / / /	
Subject	Step Name Description	
→ Business Tests Folder	Step 2: Select a 1. Click the Flights button F	
🔂 Business Test	Click Continue	
Flight Reservation	Hello and goodbye	
Book Flight By test manual with funny parameters	Step 3: Enter 1. Select departure and return flights 1 departure and 2 Click Continue	_
₽ test template	U return flight	=
Manual Tests Folder	Step 1: Log in to 1. Enter URL L	=
		≡
₽ novo_teste	Log In	=
▶ novo_teste ▶ Test_Test ▼ ➡ Payment Methods	Step 4: Enter Enter first name, last name and meal preference F passenger details	=
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 ▶ novo_teste ▶ Test_Test ▶ Payment Methods ▶ Credit Cards ▶ Credit Cards_Copy_1 	Step 4: Enter passenger details Enter first name, last name and meal preference F Step 5: Enter credit card details 1. Enter credit card type <credit card="" type=""> C 2. Enter credit card number 2. Enter credit card number <credit card<br="">number C</credit></credit>	
 ▶ novo_teste ▶ Test_Test ▶ Payment Methods ▶ Credit Cards ▶ Credit Cards_Copy_1 	Step 4: Enter Enter first name, last name and meal preference F passenger details Enter first name, last name and meal preference F Step 5: Enter 1. Enter credit card type <credit card="" type=""> C credit card details 2. Enter credit card number <credit card="" number=""> 3. Enter expiration date</credit></credit>	=
 ▶ novo_teste ▶ Test_Test ▶ Payment Methods ▶ Credit Cards ▶ Credit Cards_Copy_1 	Step 4: Enter passenger details Enter first name, last name and meal preference F Step 5: Enter credit card details 1. Enter credit card type <credit card="" type=""> C 2. Enter credit card details 1. Enter credit card number <credit card="" type=""> C 3. Enter expiration date Step 6: Enter addresses Enter billing and delivery addresses A</credit></credit>	=

To start the importation process:

- Log in with an administrator account.
 Go to System>Import and Export>External System Import.
 Select Xray's HP ALM/QC Importer.



Then, you need to fill out the details of the HP ALM/QC instance, including its host name/IP, port, domain, project and authentication credentials.

HP QC/ALM Im	porter Setup	HP QC/ALM Details	Configuration	Project	Confirmation				
HP QC/ALM Det	ails								
ALM Version Host [*] Port [*] Domain [*] Project [*] Username [*] Password [*]	12.5x qc.example.com 8080 TEST_DOMAIN test_project test_user	•							
 Note: only standard manual tests will be imported (i.e. non template tests and without parameters). 									
(i) Note: only HP	Note: only HP QC/ALM v12.5x is supported.								
Next Back									

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(j)	Please note	
	When you click Next, the connection is validated. If the connection fails, an error message is shown and you we importation process.	n't be able to proceed with the
	Failed to connect to HP QC/ALM.	

Upon successful connection, you can optionally define a label to assign to the Test issues that will be created. This may be quite useful if you need a quick way to identify the newly created issues. The label syntax is restricted in the same way as the label fields in Jira. We recommend using a unique label with numbers.

Configuration		HP QC/ALM Details	Configuration	Project	Confirmation
Configuration					
A label can be associated to issue Label iteration1	s created while importing HF	P QC/ALM. Fo	r that, fill the next t	ext field.	
Next Back					

Then, you need to choose the project in which you want the Test issues to be created.

Map projects		HP QC/ALM Details	Configuration	Project	Confirmation
Project					
Select the HP QC/ALM Importer projects to in HP QC/ALM Importer Project	mport, then set	how you would l RA Project	ike these converte	d to projects i	in JIRA.
Select the HP QC/ALM Importer projects to in HP QC/ALM Importer Project project	mport, then set $JI \rightarrow \Box$	how you would l RA Project Calculator	ike these converte	d to projects i	in JIRA.

A final confirmation dialog presents information about the total number of Tests that will be imported.

This number may be lower than the actual number of Test issues that will be created; this occurs because Xray will only be able to import some of the tests, depending on their characteristics which can only be determined during the actual importation.

Confirmation	HP QC/ALM Details	Configuration	Project	Confirmation
Confirmation				
We found 7 potential tests in project test_project in doma	ain TEST_DOMAIN.	Do you want to m	igrate the com	npatible ones?
Begin Import Back				

At the end, a brief summary is shown mentioning the total number of Test issues created and any warnings that occurred during the process.

~	3 tests were imported successfully!
	Import completed with 1 warnings: HP QC/ALM Test with id 16 has Description blank.
What r	now?
You car	n download a detailed log here.
View re	cently created Issues.
Import a	another project.
-	· •

From this screen, you can also see the list of created issues based on the label you provided. You can also consult the detailed logs about the process.

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	1– 3 c	of 3 G											
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	0	CALC-155	8 Credit C	ards								NEW	25/Oct/17
	0	CALC-155	7 Test_Tes	st								NEW	25/Oct/17
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