

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
<ul style="list-style-type: none">import Test case specification from HP ALM's "Test Plan"<ul style="list-style-type: none">tests without parameterstests without called stepstests that are not marked as "templates"tests of type "MANUAL"import Test attachments and Test step-level attachmentsimport formatted Test descriptionhierarchical organization information from ALM/QC's "Test Plan"	<ul style="list-style-type: none">tests whose type is not "MANUAL"tests with parameterstests with called stepstests that marked as being "templates"defects and requirementslinks to defects/requirementstest runsTest Lab-related information (tests, runs, etc.)

Please note

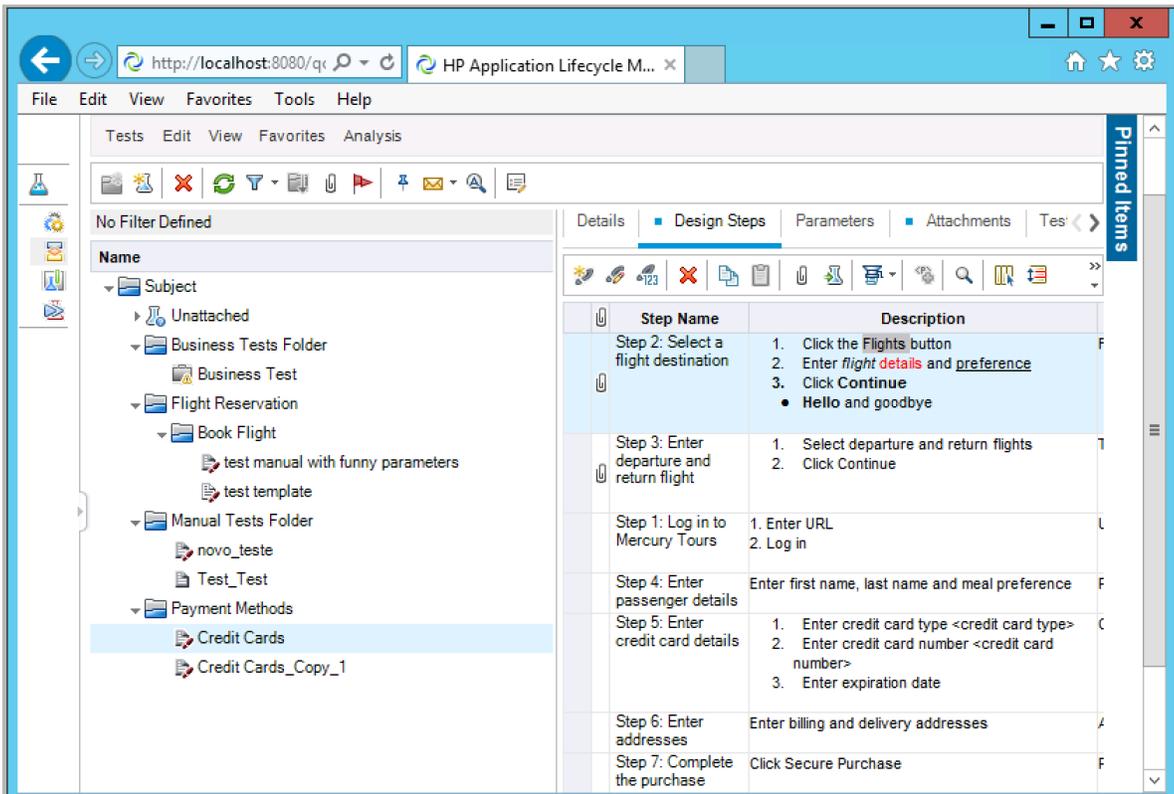
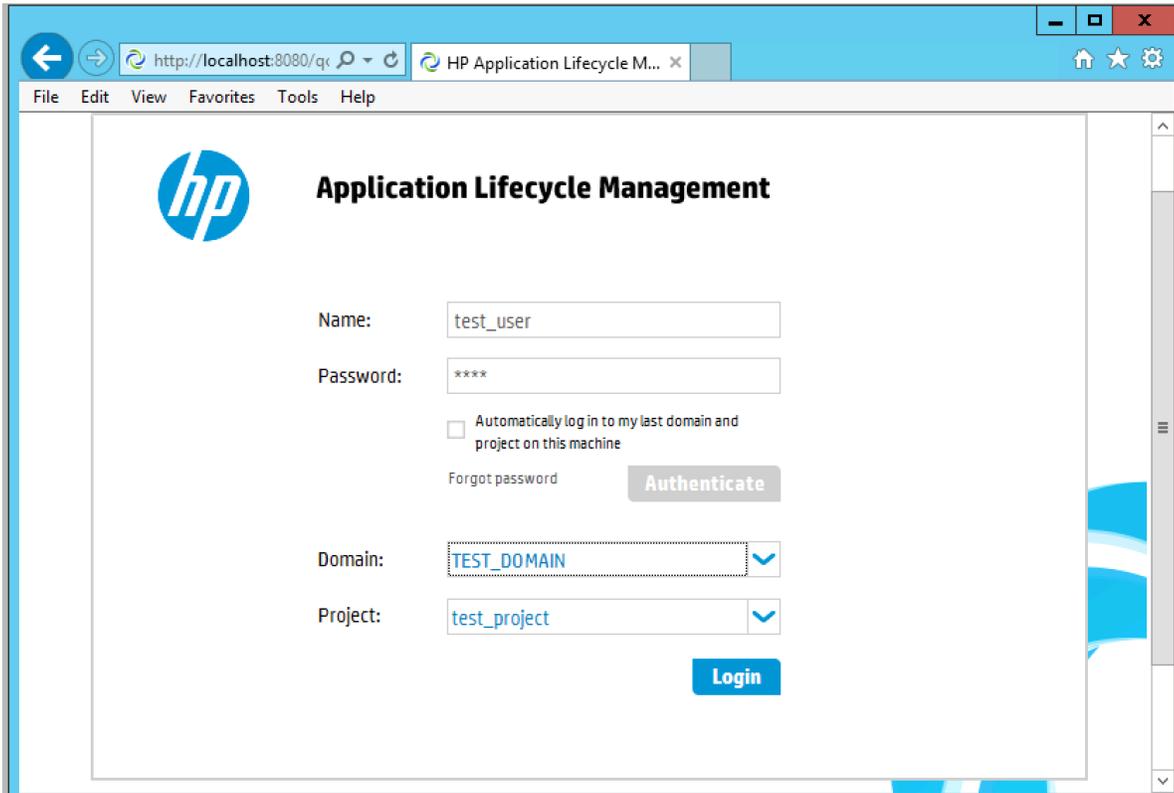
The current importer is relatively basic. If you need to migrate more information and have further control over the migrated data, we recommend you contact an Atlassian partner with expertise on this kind of migrations. Note that migrating "all" information may be a complex process to implement and some 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.
- In order to import Tests, the Test issues [cannot have required fields in Jira](#); you must set them as optional before starting the import process.

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:



To start the importation process:

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

- General configuration
- Find more admin tools
- TRUBLESHOOTING AND SUPPORT
- System info
- Instrumentation
- Database monitoring
- Integrity checker
- Logging and profiling
- Scheduler details
- Support Tools
- Audit Log
- SECURITY
- Project roles

JIRA import wizard

To get started, click the product you want to import your projects from.

Test Case Importer	HP QC/ALM Importer	CSV
Microsoft® Excel®	Bitbucket	GitHub
Asana	Trello	Microsoft® TFS®

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 Importer Setup

HP QC/ALM Details Configuration Project Confirmation

HP QC/ALM Details

ALM Version: 12.5x

Host: qc.example.com

Port: 8080

Domain: TEST_DOMAIN

Project: test_project

Username: test_user

Password: ****

Note: only standard manual tests will be imported (i.e. non template tests and without parameters).

Note: only HP QC/ALM v12.5x is supported.

Next Back

Please note

When you click Next, the connection is validated. If the connection fails, an error message is shown and you won't be able to proceed with the importation process.



Upon a successful connection, you will be prompted to provide some additional configuration fields that allow you to fine tune the process.

The screenshot shows a "Configuration" page with a progress bar at the top indicating four steps: "HP QC/ALM Details", "Project", "Configuration", and "Confirmation". The "Configuration" step is currently active. The main content area is titled "Configuration" and contains the following fields and options:

- A text field for "Label" containing the value "iteration1".
- A section for "Hierarchical Test Organization" with a checked checkbox for "Import to Test Repository". Below this is a descriptive paragraph: "By selecting this option, Folders will be created in the Test Repository and the imported Tests will be moved to those folders to match the hierarchical structure in HP QC/ALM."
- A dropdown menu for "Test Repository Path" currently set to "All". Below it is the instruction: "Select to which Test Repository folder you would like to import the HP QC/ALM folder structure."
- A text field for "HP QC Folder". Below it is the instruction: "Select a specific folder from your HP QC host to import. Only the specified folder and its subfolders, and test contained in them will be imported. The folder path must be specified in the format 'Parent Folder/Child Folder'".

At the bottom left, there are two buttons: "Next" (highlighted in blue) and "Back".

Configuration options:

- **Label:** a unique label to add to the Test issues that will be created so these can be quickly found afterwards
- **Hierarchical Test Organization:** migrate hierarchical information from HP ALM/QC's "Test Plan" to Xray's Test Repository. Folders will be created, if needed, in the Test Repository and Tests will be moved to the folders.
- **Test Repository Path:** the base Test Repository folder where ALM/QC's "Test Plan" hierarchical structured will be copied into. If "All" is selected, then the structure will be created in root of the Test Repository
- **HP QC Folder:** the base folder where to import Tests from. Only the specified ALM/QC's "Test Plan" folder and its subfolders, along with respective Test cases, will be imported. Folder path must be specified in the format "Parent Folder/Child Folder"; leave it empty to import all folders

We recommend using a unique label with numbers to assign 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 label fields in Jira.

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 import, then set how you would like these converted to projects in JIRA.

HP QC/ALM Importer Project	JIRA Project
project	→ <input type="text" value="Calculator"/>

Next Back

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 domain TEST_DOMAIN. Do you want to migrate the compatible 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 now?

You can download a detailed log [here](#).

View recently created [Issues](#).

[Import 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.

JIRA Dashboards ▾ Projects ▾ Issues ▾ Boards ▾ Structure ▾ eazyBI Tests ▾ Create

>> Search

✓ labels=iteration1

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T	Key	Summary	P	Status	Created
	CALC-1559	novo_teste		NEW	25/Oct/17
	CALC-1558	Credit Cards		NEW	25/Oct/17
	CALC-1557	Test_Test		NEW	25/Oct/17

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