[Xray] Export from Cloud to Data Center

Xray, at the moment, doesn't have any direct way to transfer information between Cloud and Data Center.

This article will guide users by providing some steps to perform that task manually.

1 - How to export the tests with steps from the Xray cloud

To export the Tests with steps, you can use GraphQL API, with which you can ask exactly what you need and nothing more. To make a request to Xray's GraphQL API, for starters, you need to be authenticated using the same end for Rest API authentication. As an HTTP client, we use Insomnia, which is native with GraphQL support. After the connections have been made, use our Xray's GraphQL Schema Documentation which provides the queries to get data from Xray.

For this example, we will want to export the Tests with steps, and this section will help you with that, Get tests.

2 - How to change the format the Xray Data Center can accept

After exporting, on the Insomnia Screen, you will get the information that you requested for the Test and Steps. Between those lines, when you find parts like this:



This means this is a Test! So that is the information that will be used for the CSV.

NOTE: The summary of each test will not be exported; it will need to be filled manually by checking each ID and comparing it with the test ID of the result of GraphQL:



(Users will need to move the mouse over the edit button, then it will show you on the bottom of the screen the Issue ID)

I mention the field summary because it is a field that is needed to have when using the Test Case Importer!

The next step is to add that information to an Excel that meets this test case structure:

| | A | В | С | D | E | F | G | н |
|----|------|-----------------------------|---------------|----------------|----------------|----------------------|---------|-----------------------------------|
| 1 | TCID | Test Summary | Test Priority | Component | Component | Step | Data | Result |
| 2 | 1 | Test 1 for user story WEB-1 | high | User Interface | Business Layer | Go to login page | | |
| 3 | 1 | | | | | Enter username | peter | |
| 4 | 1 | | | | | Enter password | pwrd123 | |
| 5 | 1 | | | | | Click login button | | User successfully logged in |
| 6 | 2 | Test 2 for user story WEB-1 | very high | User Interface | Business Layer | Go to login page | | |
| 7 | 2 | | | | | Enter username | peter | |
| 8 | 2 | | | | | Enter wrong password | abc123 | |
| 9 | 2 | | | | | Click login button | | User logged in fails with message |
| 10 | | | | | | | | |
| | | | | | | | | |

Using the example that I have been giving, it will be something like this:



After this, save it in a CSV format:

Microsoft Excel

×



Press "Yes"

· 3- How to import it with the corresponding steps

When we have the CSV with all the information on the Tests, we can start to Import the data into the Data Center version. To do that, you can use Xray's Test Case Importer (a Jira Importer Plugin extension) to import Manual Tests from a CSV source file.

Let's then go to the Test Case Importer and edit the options:

| ulk Test Case Importer Setup | | | Setup | • Project | • Fields | • Values |
|-----------------------------------|--|-------------------------------|---------------|-----------------|-----------------|-------------|
| Setup | | | | | | |
| CSV Source File | import steps csv.csv 🍵 🔫 | Select the CSV f | ïle | | | |
| CSV Delimiter* | | | Character | the Dellesite | | |
| | CSV delimiter token | | Change | the Delimite | rto, | |
| File Encodina [*] | UTF-8 | | | | | |
| Uissesshied Test | | | | | | |
| Hierarchical lest Organization | Create Folders | | | | | |
| | By selecting this option, the import does not exists in the Test Reposito | ted Test(s) will be organized | d into new fo | lders, whenever | the specified f | older pat |
| Use an existing | g configuration file | | | | | |
| If you have used | this importer before, you may have | saved the configuration yo | ou used. | | | |
| You can use that | configuration again to save time. | | | | | |
| | | | | | | |
| Please note: O | nly Tests of Test Type Manual | will be imported. | | | | |
| | | | | | | |
| _ | | | | | | |
| Next Back | | | | | | |
| | | | | | | |

Select the project that you wish to import:

| lap projects | | Setup | Project | • Fields | • Values | | |
|--------------------------------|---|--------------------|--|---------------|-------------|--|--|
| Project | | | | | | | |
| Import to Project [*] | Importer Project | Select th | Select the desire project that you wish to Imp | | | | |
| Date format | dd/MMM/yy h:mm a | the data | | | | | |
| | (e.g. dd/MMM/yy h:mm a) Please specify the format that dates are stored in the CSV | file. Please use s | yntax valid for S | impleDateForr | nat. | | |
| | | | | | | | |
| | Next Back | | | | | | |

Map the fields with fields from the CSV:

| External Field | | Xray Field | |
|------------------------------|---|----------------------|---|
| TCID (e.g. 1) | - | Test Case Identifier | |
| Test Summary (e.g. steps) | - | Summary | 1 |
| Step (e.g. asd) | - | Step | |
| Data (e.g. ads) | | Data | |
| Result (e.g. asd) | - | Expected Result | |

Press Next, and the import will start.

The ending result will be this (again with the example issue):

| 🐸 Test SS | | | | |
|----------------------------------|------------------|----------------------------------|------------|-----------------|
| yes over | no an i Anna dha | Apple Second | | |
| at Desch | | | | and the second |
| 100 | 20-1 | Posti de | Access 1 | |
| Pr. mile | ⇒ b then | Partners in | | |
| A link here as | A res | | | On participants |
| Contraction (19) | 2.00 | | | |
| Late N | 2.00 | | | |
| S. Daristan | | | | E Du de |
| Company and | 1. C | | | a subsect |
| | | | | |
| Test Patrice | | | | Equipage |
| 2004 | Mar and | | (Thump | fra en |
| | | | | No. and |
| Figure 1997 | | | | |
| | | 1 m | | S2 Dears |
| 2.000.004 | - 100 X 120 | | 14 MP 1 | C MARK |
| | | | | 1.00 |
| and the second | | | | |
| A. | | | | |
| 544 | | | | |
| - 1 | | | | |
| | | | | |
| 1.1.1.1.1 | | | | |
| | | | | |
| Abdro | 4.K | | | |
| — | | | | |
| | | | And Second | |
| | | | | |
| | | | | |

N real metalest

Link for related documentation Rest API authentication

Insomnia

Xray's GraphQL Schema Documentation