Test

In very simple terms, a Test is a sequence of steps coupled with conditions or variables, test inputs and an expected result. It is intended to establish the quality, performance or reliability of a piece of system, i.e., test target. Usually, every requirement or objective the test target is expected to achieve needs at least one Test. The success of the Test is determined by comparing expected and actual results.

- Test Types
- Actions
    - Create
    - Edit
    - Clone
- Xray History

Test Types

Each Test Type has one of three Test Kinds:

- **Gherkin**
- **Unstructured**
- **Steps**

There are 3 default Test Types:

- **Cucumber**: of the Gherkin Kind;
- **Generic**: of the Unstructured Kind;
- **Manual**: of the Steps Kind.

In Global or Project settings, you may add other values for the Test Type.

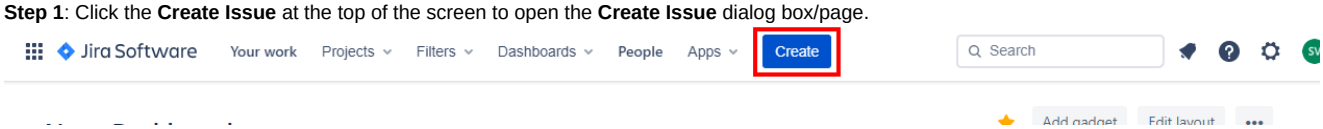
Actions

- Create
- Edit
- Clone

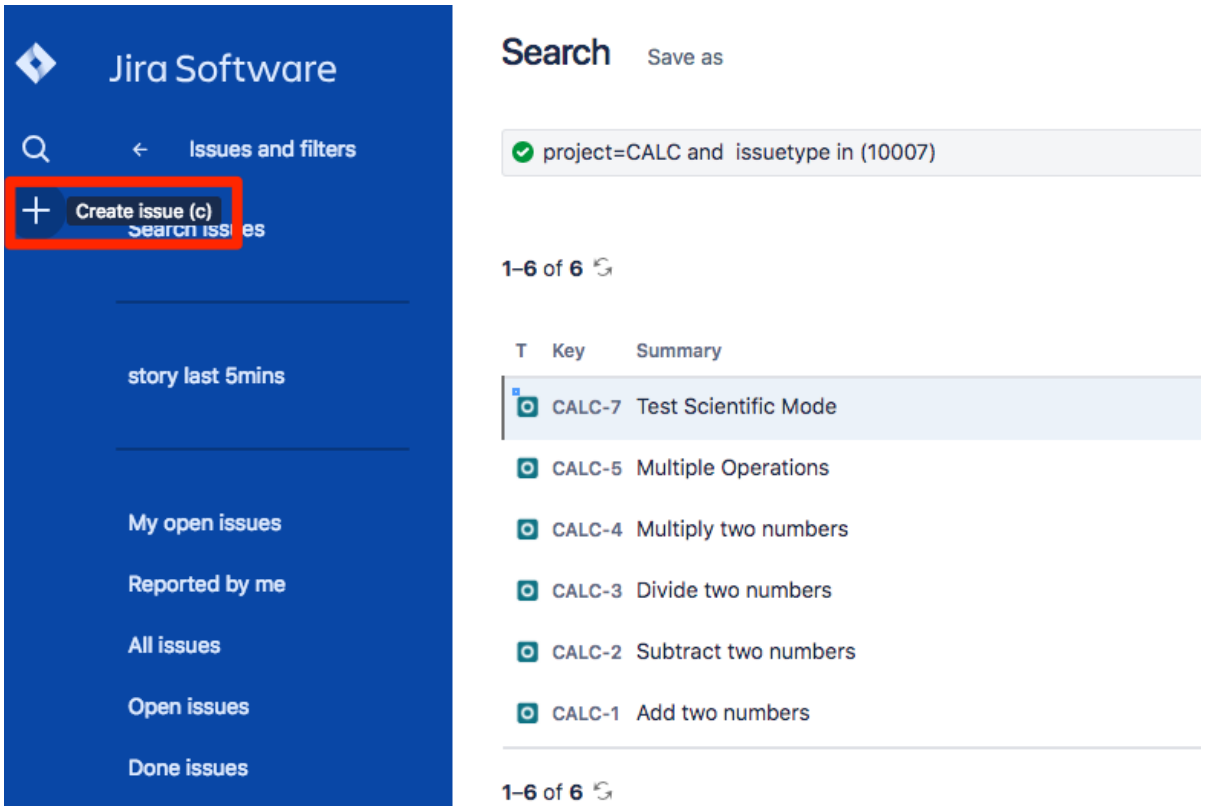
Create

In order to create a new Test Issue,

Step 1: Click the **Create Issue** at the top of the screen to open the **Create Issue** dialog box/page.

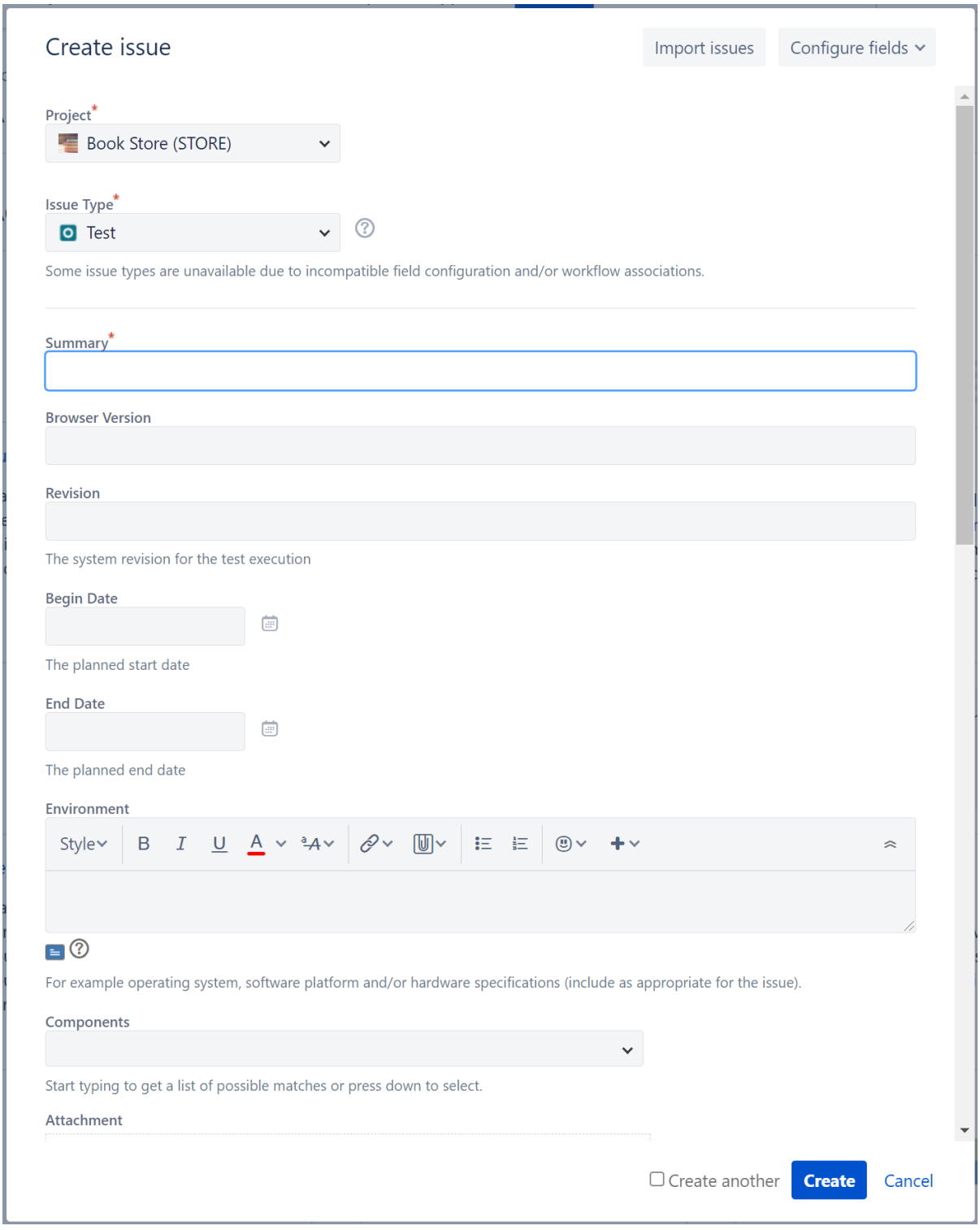


And in the old UI, click the "+" on the left:



Step 2: Select the **Project** and on **Issue Type,** select Test.

Step 3: Type a **Summary** for the test and fill all appropriate fields — at least, the mandatory ones marked with an asterisk.



Step 4: When you are satisfied with the content of your test, click the **Create** button.

Step 5: If you checked the **Create another** box, a new **Create Issue** dialog appears. This issue is automatically pre-populated with your previous test details, while leaving the **Summary** field blank.

Edit

Inline Editing Xray Tests

Xray Test issue sections support inline editing similar to Jira native and custom fields inline edit. This prevents full page reloads when modifying fields.

Inline Edit Fields

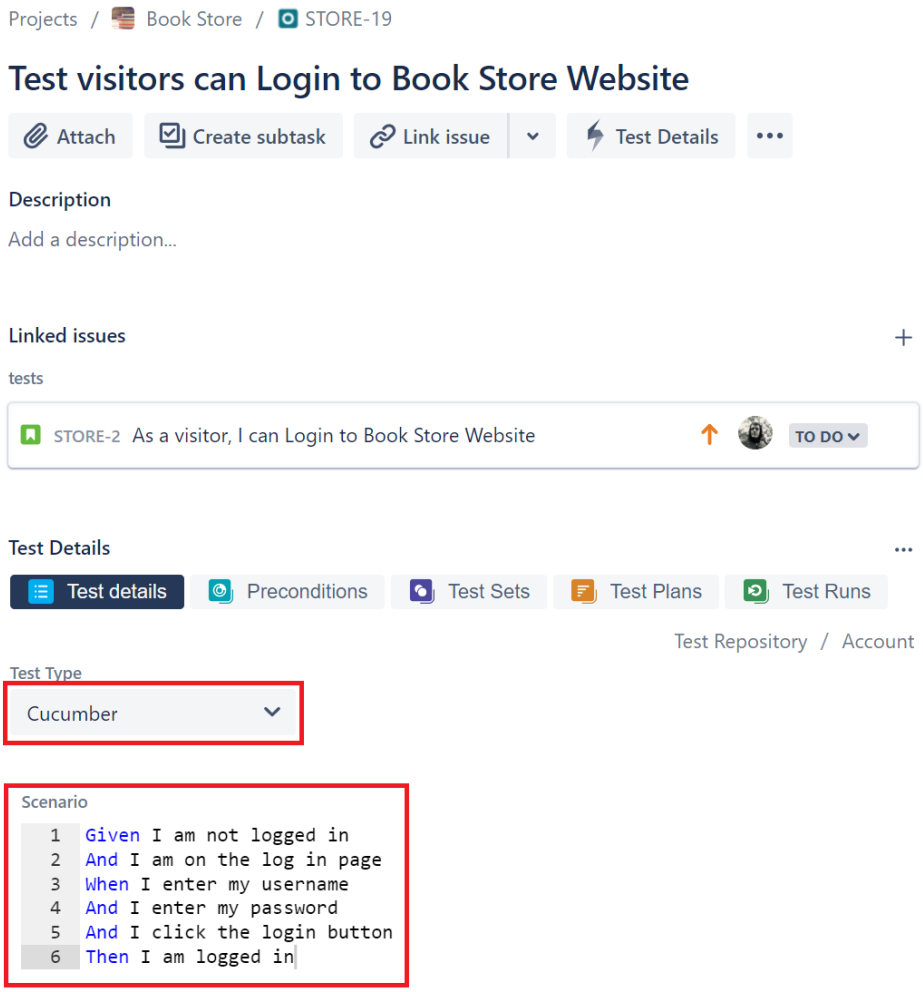
To inline edit a field, just hover over the field view area and click it.

The following Test fields support inline edit:

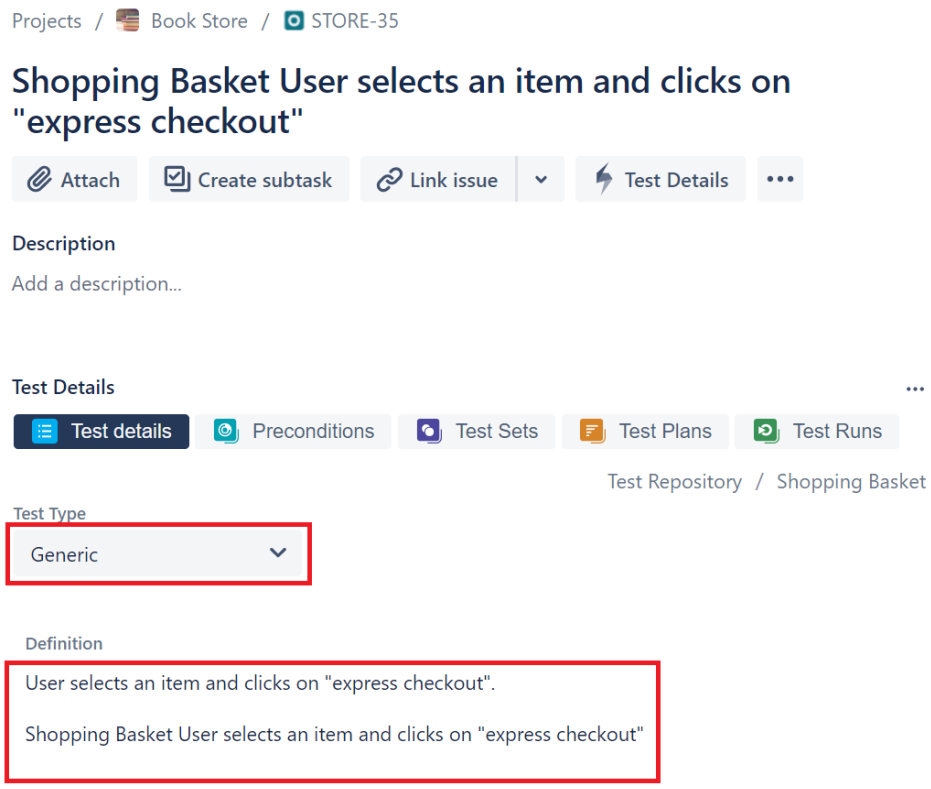
- **Type**: The Test issue type;
- **Definition:** The automated generic test definition (only visible for Generic tests).

To inline edit automated Test issues:

Step 1: If you are inline editing a **Cucumber** Test:
- You can hover over the actual **Test Type**, click it, and change it to another type that is available on the select box.
- You can hover over the **Scenario** field, click it, and edit its contents.



Step 2: If you are inline editing a **Generic** Test:
- You can hover over the actual **Test Type**, click it, and change it to another type available on the select box.
- You can hover over the **Definition** field, click it, and edit its contents.



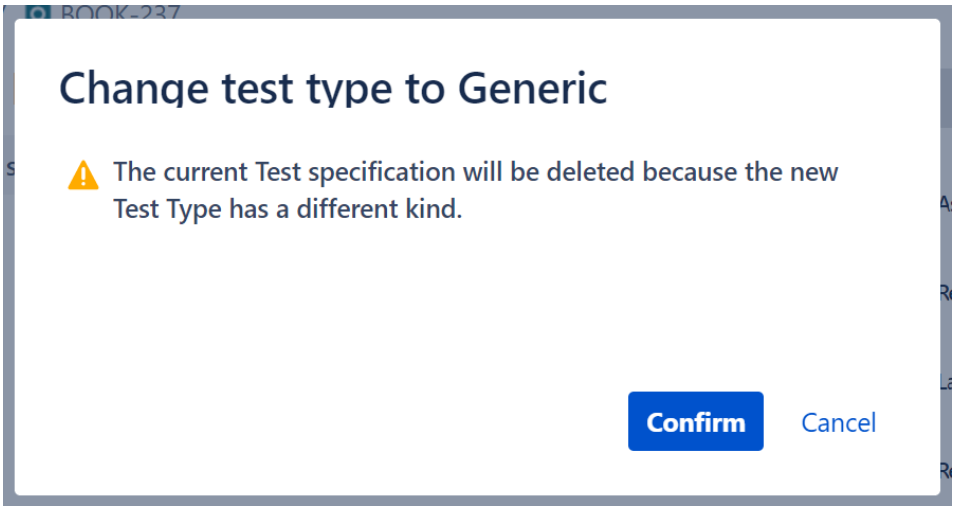
Manual Test Steps Table

To edit the steps of a Manual Test, please check this page.

> **Edit Permissions**
>
> You can only inline edit Xray fields if you have permission to edit the Test issue.

Changing the Type of a Test

When the Type of a Test is changed, the details of the previous Info along with the associated Preconditions will be lost.

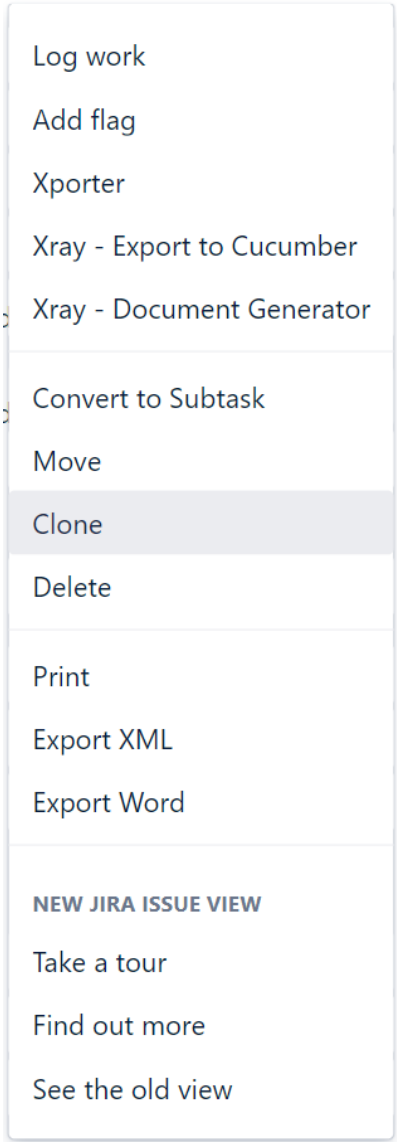


This operation is permanent and not reversible.

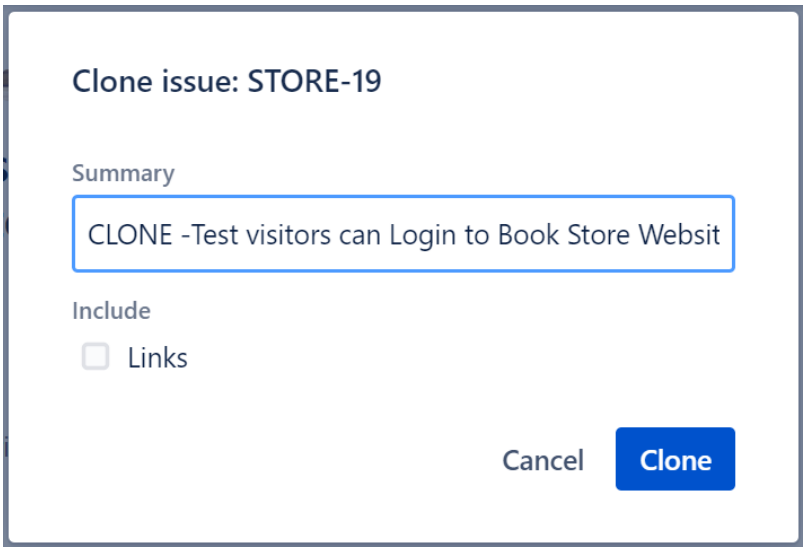
Clone

Cloning a Test issue creates a new Test with all the information of the cloned Test, except its executions. Therefore, the cloned issue will not be associated with any Test Execution issue.

To clone a Test issue, select the "Clone" action in the issue page:



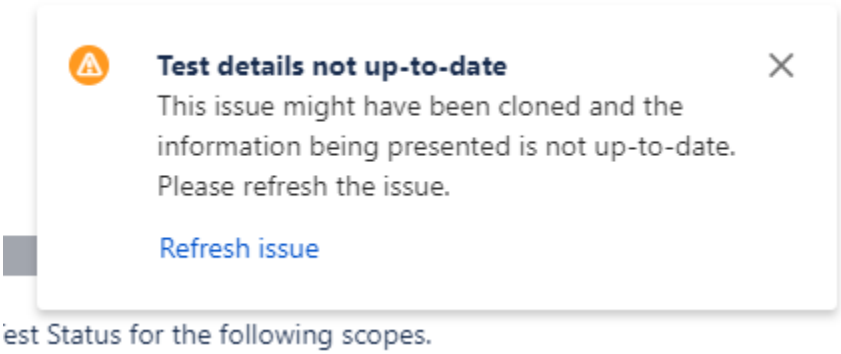
After this, an additional dialog will be shown.



And after the issue is created, its page will be opened.

On some occasions the cloned issue page may open before the Xray information is actually cloned and as a result the new Test will appear empty.

When this happens the following information will be shown:



By clicking "Refresh issue", the issue page will be reloaded and the cloned information will be visible.

Xray History

Any changes made to the Test data are recorded on the Xray History section. These include:

- Changing the Test Type;
- Changing the Test Definition or Steps;
- Linking the Test with other entities (Preconditions, Test Plans, Test Sets, etc.);
- Moving the Test between folders on the Test Repository.

Activity

Show: Comments | History | Work log | Xray History

JS **John Smith** updated the Test Steps September 10, 2020, 5:56 PM

Test Step 1:

None → [Action: visit the page][Data:][Expected Result: see the page]

JS **John Smith** updated the Test Steps September 10, 2020, 5:56 PM

Test Step 2:

None → [Action: type the password][Data: 123123][Expected Result:]

JS **John Smith** changed the Test Type September 10, 2020, 5:57 PM

Test Type:

Manual → Generic

Test Steps:

1: [Action: visit the page][Data:][Expected Result: see the page]
2: [Action: type the password][Data: 123123][Expected Result:]

→ None

JS **John Smith** updated Test Plans September 10, 2020, 6:25 PM

Added: DEMO-341

JS **John Smith** updated the Test Generic Definition September 10, 2020, 6:25 PM

None → test the login page form

JS **John Smith** updated Test Sets September 10, 2020, 6:26 PM

Added: DEMO-342

JS **John Smith** updated Test Sets September 10, 2020, 6:27 PM

Removed: DEMO-342

JS **John Smith** updated the Test Generic Definition September 10, 2020, 6:27 PM

test the login page form → test the login page form and buttons

JS **John Smith** updated Test Plans September 10, 2020, 6:28 PM

Removed: DEMO-340, DEMO-341