

February 19, 2022 - Minor Update - v1.1.68-3.001.000

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The Xray team is proud to announce the minor release of **Xray Cloud 1.1.68-3.001.000**. This version features the **BDD Step Library** and **Time Tracking** on the execution page.

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Release highlights

BDD Step Library 😊

The **BDD Step Library** is a project-level steps library organization feature, containing all the Gherkin steps included by all Tests/Preconditions belonging to the project. Thus, it provides an overview of all the **Gherkin steps** used in the context of each project, allowing users to easily **manage and refactor the steps**.

You can also configure heuristics in order to recognize variables within the steps. This way, Xray is able to identify a single step from multiple steps within Tests/Preconditions where the only thing that varies is the parameter values.

It is also possible to create **static steps**. Static steps can be created manually within the BDD library and are not deleted even if there are no Tests/Preconditions using these steps.

Besides project libraries, it is also possible to configure **global BDD libraries** that can be accessed from multiple projects. Hence, if you have multiple Jira projects using the same Gherkin steps you can also use the same BDD library in Xray.

When creating BDD tests or preconditions, you can now use **auto-complete** to reuse a step that you already have in the library.

Find out more about this feature [here](#).

Q Search

Search by label

☒ Deprecated steps ☒ Only unused steps ☒ Only static steps

I see a certain amount of items

None

I filter using a sub-keyword

None

I enter my username

LOGIN

I enter my password

LOGIN

I click the login button

LOGIN

I am on logged in

DEPRECATED LOGIN

I am logged in

LOGIN

I navigate to the locale selector page

None

I select <country> as a country

STATIC

None

The <locale> site is shown

None

I am on a product lister page

None

I select one of the items

None

I am on the Product detail page of the selected item

None

I can see details of the product

None

I have added an item to my shopping bag

None

Definition

1 I select <country> as a country

This step is being used in 1 issue(s).

Description

Normal text B I ... A

Users must be able to select a country by name.

Labels

Select...

☐ Deprecated☒ Static

Save

Cancel

Delete

Test details

Test details Preconditions Test Sets Test Plans Test Runs

Test Repository

Test Type

Cucumber

- I select <country> as a country step
- I select a payment method step
- I select one of the items step
- I navigate to the locale selector page step

Scenario

- 1 Given I navigate to the locale selector page step
- 2 And I am on the Product detail page step
- 3 And select

Press ^Ctrl + Space to get step suggestions.

✓ X

Time Tracking on executions

The screenshot displays the Xray Test Execution interface for a test scenario named "[e2e] Checkout scenario 1". The interface includes a top navigation bar with the test name and a "Timer" section. The "Timer" section shows a stopwatch at 00:46:02, indicating 45m logged. Below the timer, there are sections for "Findings" (Defects, Evidence, Comment) and "Test details" (Test Issue Links, Steps). A "Time tracking" modal is open, allowing users to log time spent executing the test. The modal includes a "Time spent" field (48m), a "Date started" field (2/16/2022, 2:16 PM), and a "Work description" field. The modal also has a "Save" button and a "Cancel" button.

Xray now provides a time tracking module within the execution page. This module allows users to record the time spent executing a test by controlling a stopwatch.

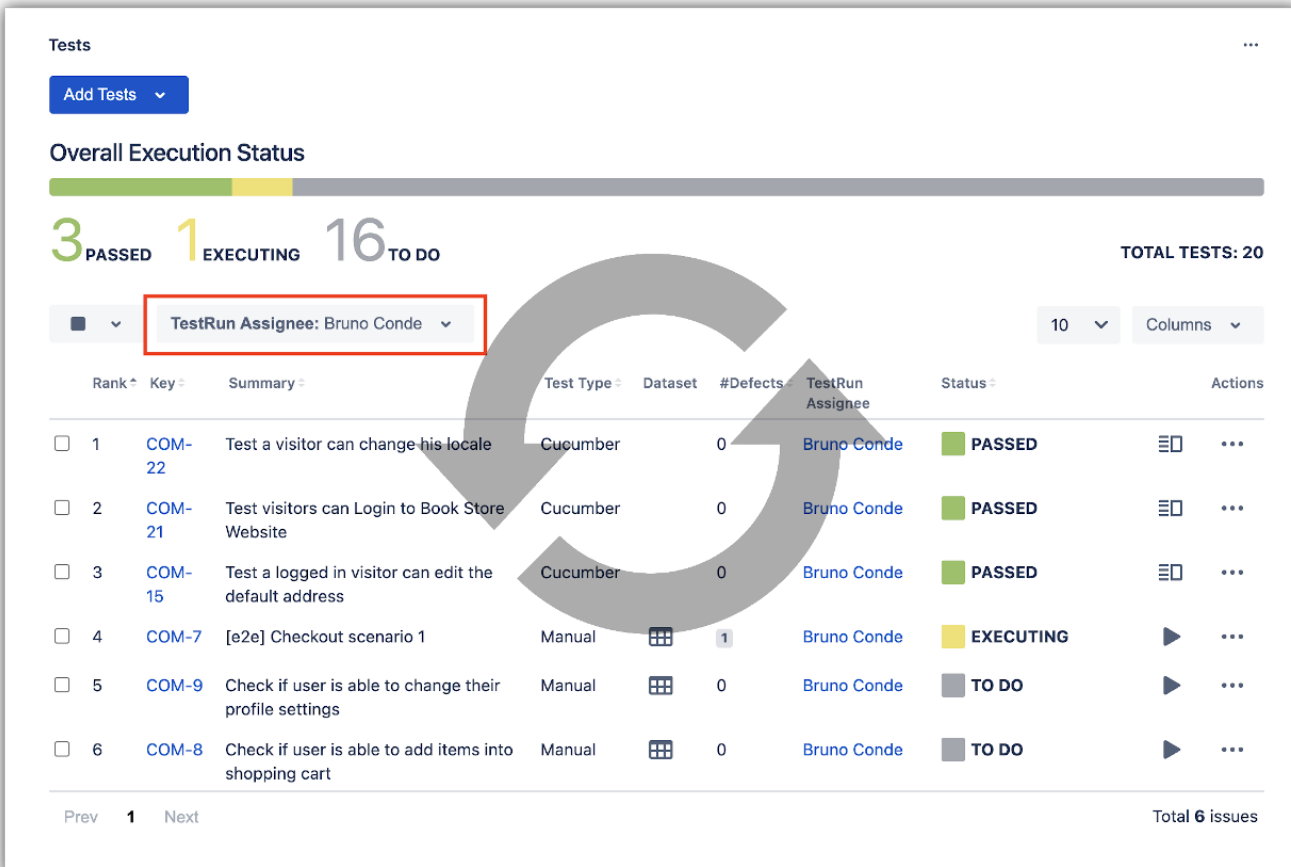
The stopwatch is also synchronized with the Test Run status. When you start executing a step, the stopwatch starts counting. When you set a final status on the Test Run, the stopwatch stops.

You can also log work directly from the execution screen, just like you do within Jira issues. Any logged time will be added automatically to the Test Execution issue log work.

Learn more [here](#).

Data tables with saved filters in Xray issues

Xray now saves any filters applied in datatables within Xray issues for the user. This means that the filters will not be reset when you leave the issue page.



The screenshot displays the Xray 'Tests' interface. At the top, there's a 'Tests' header with an 'Add Tests' button. Below it, the 'Overall Execution Status' is shown with a progress bar and counts: 3 PASSED, 1 EXECUTING, and 16 TO DO, totaling 20 tests. A filter dropdown is highlighted with a red box, showing 'TestRun Assignee: Bruno Conde'. The main table lists test results with columns for Rank, Key, Summary, Test Type, Dataset, #Defects, TestRun Assignee, Status, and Actions. The table shows 6 rows of data, with the first three tests passed and the last three in various states (executing, to do). A large circular arrow graphic is overlaid on the table. At the bottom, there are pagination controls showing 'Prev 1 Next' and a 'Total 6 issues' summary.

Rank	Key	Summary	Test Type	Dataset	#Defects	TestRun Assignee	Status	Actions
1	COM-22	Test a visitor can change his locale	Cucumber		0	Bruno Conde	PASSED	...
2	COM-21	Test visitors can Login to Book Store Website	Cucumber		0	Bruno Conde	PASSED	...
3	COM-15	Test a logged in visitor can edit the default address	Cucumber		0	Bruno Conde	PASSED	...
4	COM-7	[e2e] Checkout scenario 1	Manual		1	Bruno Conde	EXECUTING	...
5	COM-9	Check if user is able to change their profile settings	Manual		0	Bruno Conde	TO DO	...
6	COM-8	Check if user is able to add items into shopping cart	Manual		0	Bruno Conde	TO DO	...

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Just one last, yet important, thing...

Documentation is always important and sometimes you may miss it. We added a set of relevant articles to our already extensive documentation.

In this release, we looked at [API tests](#) and produced tutorials to demonstrate how to validate APIs using Pact-js or Karate DSL.

A new section was created for [Visual Testing](#) showcasing how you can leverage visual validations in your testing integrating AppliTools Eyes with Xray.

You can easily try out these frameworks and integrate them with Xray to have visibility of test automation results. You can find the code for these tutorials, and more, in [our GitHub account](#). Check them out and let us know your feedback 😊

- **Tutorials with automation tools & frameworks**
 - [Testing using SpecFlow and Gherkin scenarios in C#](#) (updated tutorial)
 - [TTT: API Testing](#)
 - [Testing APIs using Pact-js](#)
 - [Testing APIs using Karate DSL](#)
 - [TTT: Visual Testing](#)
 - [Testing web applications using AppliTools Eyes](#)

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Features and Bug Fixes in this release

Key	Summary	T	Created	P	Status	Resolution
XRAYCL OUD-1337	As a user I want to be able to pause an X-Ray test after it has been started from a test execution	+	Nov 07, 2019		SHIPPED	Done
XRAYCL OUD-1230	As a user, I can use an Automated Step Library as means to ease the creation of automated test cases	+	Oct 14, 2019		SHIPPED	Done
XRAYCL OUD-697	As a user, I want table filters to persist, so I can avoid redoing it every time I refresh or change to another page	+	Mar 11, 2019		SHIPPED	Done
XRAYCL OUD-4580	Exporting feature files from a Requirement, Test Set, Test Plan and Test Execution issues, places a tag of the Test Set key on the Scenario that will be imported as a label to the Test issue	↑	Jan 18, 2022	↑	CLOSED	Fixed
XRAYCL OUD-4578	Importing a feature file with a tagged precondition in the Background should not update the summary of the precondition	↑	Jan 18, 2022	↑	CLOSED	Fixed
XRAYCL OUD-4577	Import comments and blank lines added in the middle of scenarios/backgrounds when importing feature files	↑	Jan 18, 2022	↑	CLOSED	Fixed
XRAYCL OUD-4281	When exporting the Test Run List report into a CSV file, the Reporter field should be the display name.	❌	Oct 01, 2021	↑	CLOSED	Cannot Reproduce
XRAYCL OUD-3018	Start and End dates are not imported correctly from JUnit results	❌	Jan 19, 2021	⚡	CLOSED	Fixed
XRAYCL OUD-4486	When a migration fails to retrieve an attachment file, it must also update the status of the migration to FAILED	❌	Dec 09, 2021	↑	CLOSED	Fixed

9 issues