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.

- Release highlights
    - BDD Step Library
    - Time Tracking on executions
    - Data tables with saved filters in Xray issues
- Just one last, yet important, thing...

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.

BDD Step Library for project Book Store

New step

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 Type   Test Repository

Cucumber | I select <country> as a country | step
            | I select a payment method | step
Scenario | I select one of the items | step
            | I navigate to the locale selector page | t step
      1 Giv | I navigate to the locale selec… | step
      2 And | I am on the Product detail pag… | step page
      3 And select

Press ^ Ctrl + Space to get step suggestions.   ✓ ✕

Time Tracking on executions

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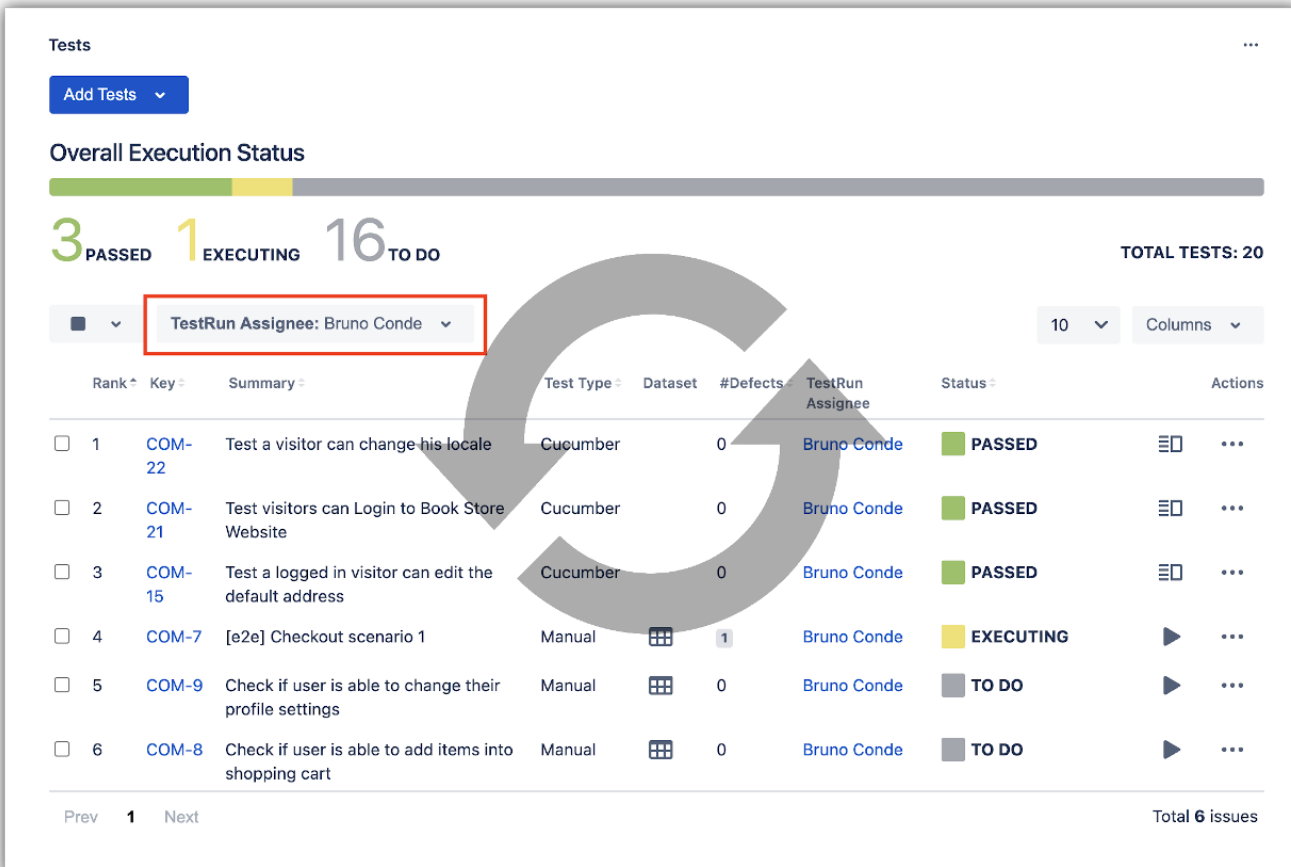
The stopwatch is also synchronized with the Test Run status. When you start executing a step, the stopwatch starts counting. When you set a final status on the Test Run, the stopwatch stops.

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.

Just one last, yet <u>important</u>, 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
XRAYCLOUD-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
XRAYCLOUD-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
XRAYCLOUD-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
XRAYCLOUD-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
XRAYCLOUD-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
XRAYCLOUD-4577	Import comments and blank lines added in the middle of scenarios/backgrounds when importing feature files	⬆	Jan 18, 2022	⬆	CLOSED	Fixed
XRAYCLOUD-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
XRAYCLOUD-3018	Start and End dates are not imported correctly from JUnit results	⬛	Jan 19, 2021	⏫	CLOSED	Fixed
XRAYCLOUD-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