May 29, 2021 - Major Update - v1.1.56-2.000.000

May 29, 2021

The Xray team is proud to announce the release of **Xray Cloud 1.1.56-2.000.000.** This version's major features include **parameterized tests**, **data-driven testing**, **importing screenshots from Robot Framework, grouping defects and evidence** on the overall panel within the execution screen, and an overall **UI/UX revamp** of the Xray issue panels and execution page.

- Release highlights
  - Parameterized tests
  - Importing screenshots from Robot Framework
  - Issue panels and execution page UI/UX revamp
  - Group defects and evidence on the execution screen
- And more...
  - Archive Test Runs
  - Reporting
  - Automation
  - UI/UX
  - Defects
- Just one last, yet important thing...

Release highlights

Parameterized tests 🙂

Test parameterization is a powerful practice that allows the same test to be executed multiple times with different parameters. Parameters are similar to input values (variables) that can change with each execution.

Parameterized tests in Xray are defined just like any other test with the addition of some parameter names within the specification using the following notation: **${PARAMETER_NAME}.** This notation is used to reference parameters within the **test steps**.

Precondition issues can also be parameterized by including parameter names in the precondition specification.

The parameters, along with their values, are defined within a **dataset**. A dataset is a collection of data represented with a tabular view where every column of the table represents a particular variable (or **parameter**), and each row corresponds to a given record (or **iteration**) of the dataset. The number of rows in the dataset determines the number of iterations to execute.

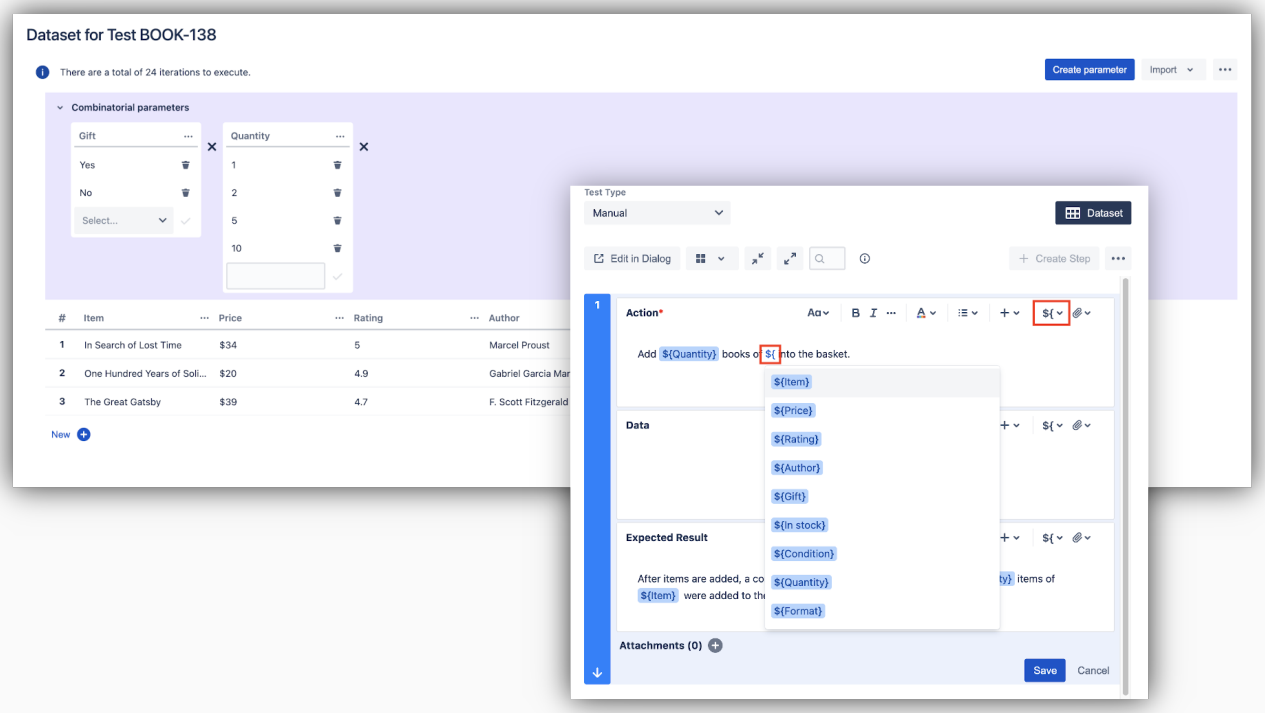
A dataset can be defined in the following entities/scopes:

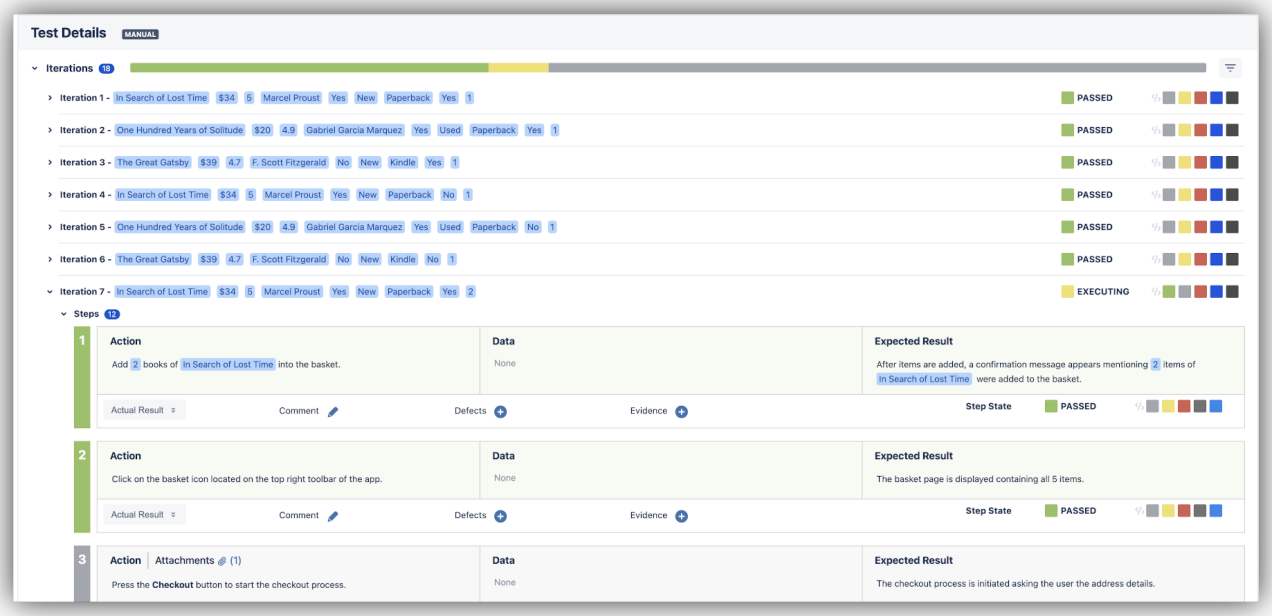
1. Test (default dataset)
2. Test Plan - Test
3. Test Execution - Test (Test Run)

The closest dataset to the test run will be the one used to generate the iterations, effectively overriding any dataset defined in higher levels.

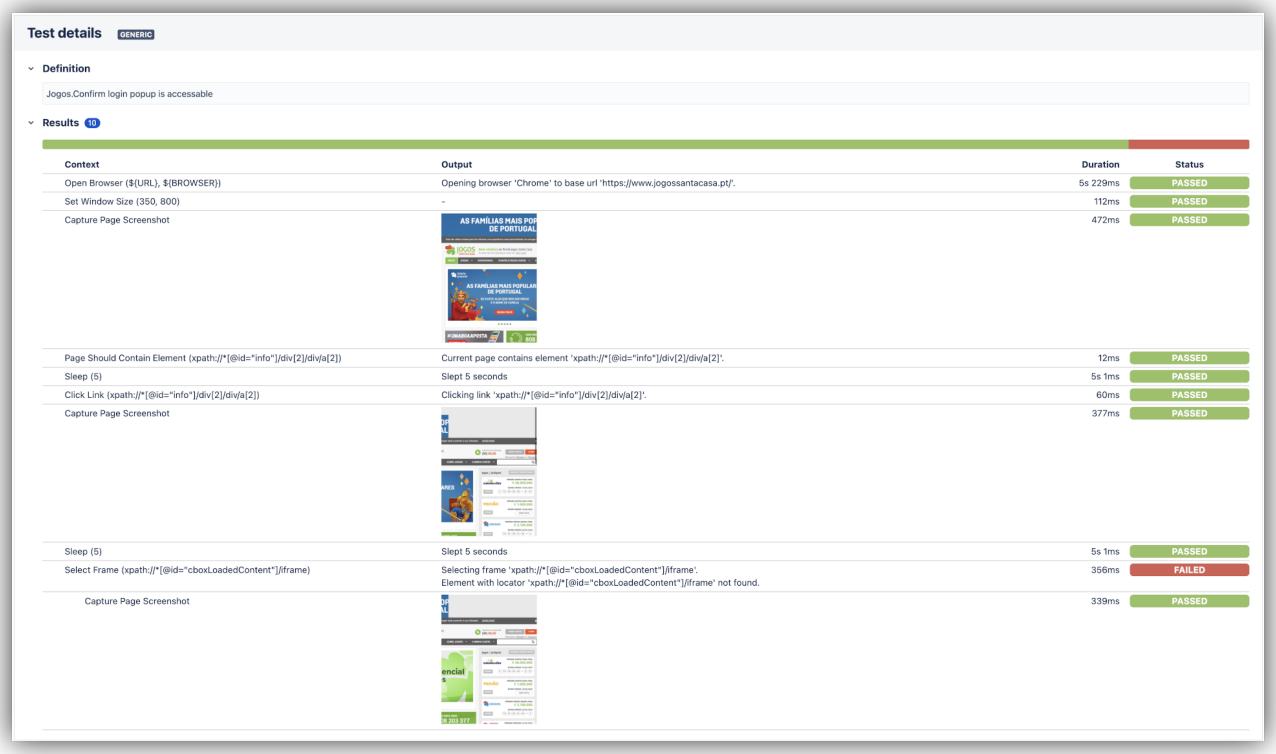
All iterations for a given test are executed within the context of the same test run. Each iteration can be expanded, and the steps executed individually. The step parameters will be replaced by the corresponding iteration values. The steps affect the iteration status, which in turn affects the overall test run status.

Learn more here.


Dataset for Test BOOK-138
There are a total of 24 iterations to execute.
Create parameter
Import
Combinatorial parameters
Gift
Yes
No
Select...
Quantity
1
2
5
10
Item Price Rating Author
1 In Search of Lost Time $34 5 Marcel Proust
2 One Hundred Years of Soli... $20 4.9 Gabriel Garcia Mar
3 The Great Gatsby $39 4.7 F. Scott Fitzgerald
New
Test Type
Manual
Dataset
Edit in Dialog
Create Step
Action*
Add ${Quantity} books o ${ nto the basket.
${Item}
${Price}
${Rating}
${Author}
${Gift}
${In stock}
${Condition}
${Quantity}
${Format}
Data
Expected Result
After items are added, a co y} items of
${Item} were added to th
Attachments (0)
Save
Cancel


Test Details
MANUAL
Iterations 18
Iteration 1 - In Search of Lost Time $34 5 Marcel Proust Yes New Paperback Yes 1 PASSED
Iteration 2 - One Hundred Years of Solitude $20 4.9 Gabriel Garcia Marquez Yes Used Paperback Yes 1 PASSED
Iteration 3 - The Great Gatsby $39 4.7 F. Scott Fitzgerald No New Kindle Yes 1 PASSED
Iteration 4 - In Search of Lost Time $34 5 Marcel Proust Yes New Paperback No 1 PASSED
Iteration 5 - One Hundred Years of Solitude $20 4.9 Gabriel Garcia Marquez Yes Used Paperback No 1 PASSED
Iteration 6 - The Great Gatsby $39 4.7 F. Scott Fitzgerald No New Kindle No 1 PASSED
Iteration 7 - In Search of Lost Time $34 5 Marcel Proust Yes New Paperback Yes 2 EXECUTING
Steps 12
1
Action
Add 2 books of In Search of Lost Time into the basket.
Data
None
Expected Result
After items are added, a confirmation message appears mentioning 2 items of In Search of Lost Time were added to the basket.
Actual Result
Comment
Defects
Evidence
Step State PASSED
2
Action
Click on the basket icon located on the top right toolbar of the app.
Data
None
Expected Result
The basket page is displayed containing all 5 items.
Actual Result
Comment
Defects
Evidence
Step State PASSED
3
Action Attachments (1)
Press the Checkout button to start the checkout process.
Data
None
Expected Result
The checkout process is initiated asking the user the address details.

Importing screenshots from Robot Framework



When executing Robot Framework tests, we can capture screenshots after executing certain steps and include them in the execution report.

These screenshots will now be imported by Xray and will be provided on the execution screen as evidence of the execution.

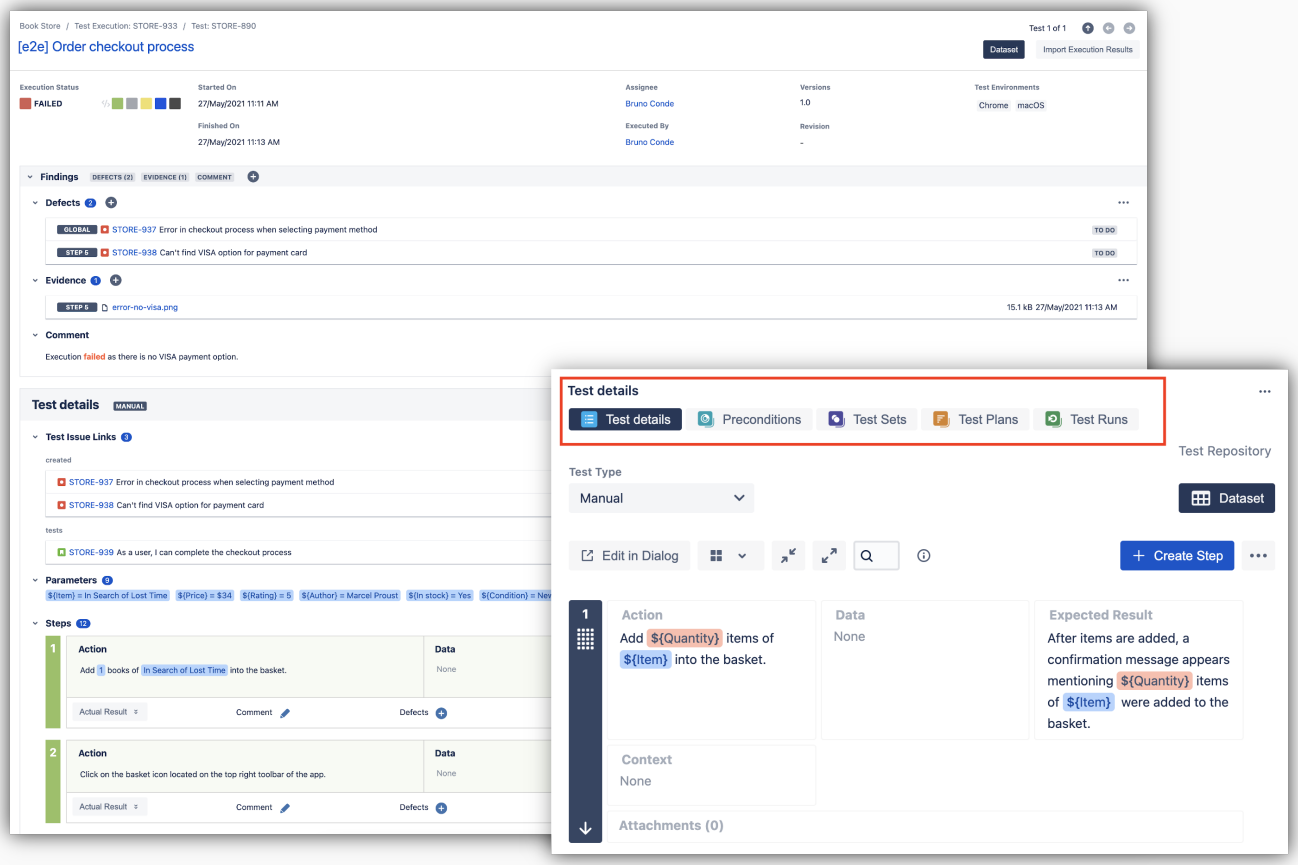
Learn more about this feature here.

Issue panels and execution page UI /UX revamp

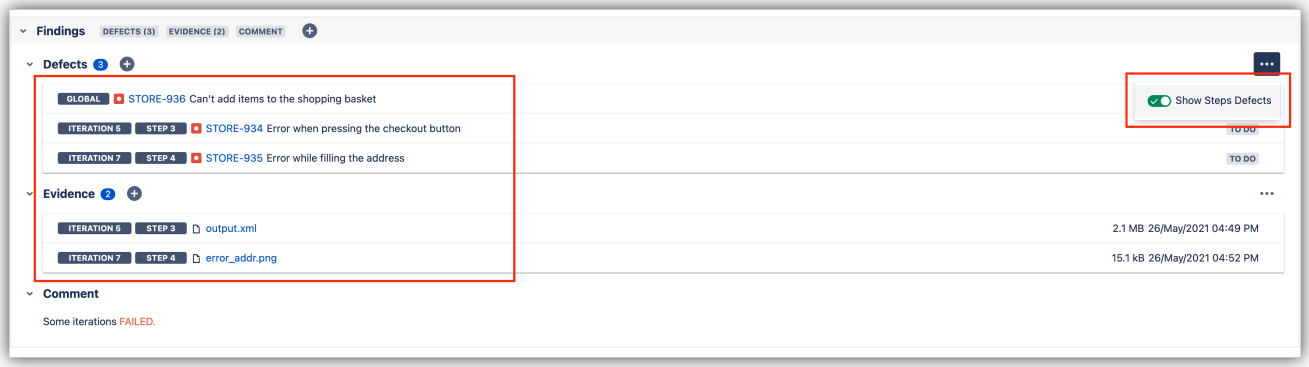
We have redesigned some screens and issue panels in Xray.

Xray issue panels (e.g. Test issue) are now organized in tabs. This can effectively reduce page load times when navigating to Xray issues as there is now a single central panel.

The execution page has been improved also. It now features a "findings" section grouping the defects, evidence, and comments sections. This section is collapsed when there are no artefacts (defects, evidence, or comments) focusing the user on what's most important (the test details section) in order to execute the test.



Group defects and evidence on the execution screen



It is now possible to aggregate all defects and evidence on the overall top panel within the execution screen. This way, both the global defects and the defects associated with steps will be shown on the same panel, making it easier to view all the defects created during execution. The same is also true with evidence.

This feature is optional and you can disable it within the execution screen.

Find out more about this feature here.

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And more...

Archive Test Runs

- XRAYCLOUD-2705: Users must be able to search for archived test runs by status

Reporting

- XRAYCLOUD-2664: The Test Plan Metrics report must display the metrics without the need for hovering the status bars
- XRAYCLOUD-2739: As a user, I should be able to export the Test Runs Custom Fields, when using the Document Generator
- XRAYCLOUD-2541: As a user, I want to export the Test Repository Path.
- XRAYCLOUD-2799: Overall Test Coverage Gadget should allow to group by Epic link

Automation

- XRAYCLOUD-2741: As a user, I can export to Cucumber .feature from the requirements issue screen

UI/UX

- XRAYCLOUD-2622: As a user, I edit precondition steps with the wiki markup field and respective toolbar
- XRAYCLOUD-2729: As a user, I can filter the Test issues inside the Test Set

Defects

- XRAYCLOUD-2487: Include actual result when enabling the option "Steps to reproduce"

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Just one last, yet important thing...

Documentation is always important and sometimes you may miss it.
Check out these articles that we've recently added to our extensive documentation.

- Testing web applications using Playwright
- Integrations
  - Integration with Travis CI
  - Integration with Test Modeller

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Features and Bug Fixes in this release

Key	Summary	T	Created	P	Status	Resolution
XRAYCLOUD-2487	Include actual result when enabling the option"Steps to reproduce"		Aug 24, 2020		SHIPPED	Done
XRAYCLOUD-2450	As a Jira Admin I can disable Document Generator feature		Aug 12, 2020		SHIPPED	Done
XRAYCLOUD-2429	Parameterized Tests		Aug 10, 2020		SHIPPED	Done
XRAYCLOUD-2705	Users must be able to search for Archived Test Runs by status		Oct 22, 2020		SHIPPED	Done
XRAYCLOUD-2664	The Test Plan Metrics report must display the metrics without the need for hovering the status bars		Oct 15, 2020		SHIPPED	Done
XRAYCLOUD-2160	As a user, I should be able to import the Robot Framework's screenshots to an execution		Jun 03, 2020		SHIPPED	Done
XRAYCLOUD-2741	As a user, I can export to Cucumber .feature from the requirements issue screen		Nov 05, 2020		SHIPPED	Done
XRAYCLOUD-2739	As a user, I should be able to export the Test Runs Custom Fields, when using the Document Generator		Nov 04, 2020		SHIPPED	Done
XRAYCLOUD-2734	As a user, I can see all defects/evidences in the overall section of the execution page		Nov 03, 2020		SHIPPED	Done
XRAYCLOUD-2729	As a user, I can filter the Test issues inside the Test Set		Nov 02, 2020		SHIPPED	Done
XRAYCLOUD-2799	Overall Test Coverage Gadget should allow to group by Epic link.		Nov 18, 2020		SHIPPED	Fixed
XRAYCLOUD-2541	As a user, I want to export the Test Repository Path.		Sep 09, 2020		SHIPPED	Done
XRAYCLOUD-2622	As a user, I edit precondition steps with the wiki markup field and respective toolbar		Sep 30, 2020		SHIPPED	Done
XRAYCLOUD-3039	Provide a mapping to print the folder name which the test belongs to when the test is being export from the Test Plan or Test Repository board		Jan 22, 2021		SHIPPED	Done
XRAYCLOUD-2827	The url of attachments such as documents and videos is not correctly converted when placed in the description of the issue		Nov 23, 2020		CLOSED	Done

15 issues