

October 30, 2021 - Major Update - v1.1.62-3.000.000

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The Xray team is proud to announce the major release of **Xray Cloud 1.1.62-3.000.000**. This version features **Modular Test Design**, a new **Test Sets filter** on the Xray issue picker dialog, and **email notifications** when assigning Test Runs.

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Release highlights

Modular Test Design 😊

Modular test design is a way of promoting test case reusability and composition across a large test repository. In order to design modular tests, you can create a test where some steps *call* or include other test cases. This prevents testers from having to write the same steps over and over again in different high-level tests.

Using a modular design approach, any test becomes a building block of more extensive test scenarios. Still, they can also be executed individually if needed.

A common use case for modular tests is end-to-end testing. End-to-end tests often need to pass through the same area or component of the application before asserting the final result. With modular test design, you can reuse the tests for these common areas or components.

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

The screenshot displays a test management interface with two overlapping windows. The 'Edit Steps' window (top left) shows a test case with the following steps:

- Step 1: Action: Open book store web site. Data: https://www.bestsbookstore.com. Expected Result: The website is opened and the login page is displayed.
- Step 2: CALL TEST BOOK-110. Action: Login with user. Data: \$email = bruno.conde@getway.app, \$password = garfex39d330d4.
- Step 3: CALL TEST BOOK-111. Action: Add item to cart. Data: \$Quantity = 1, \$Item = In Search of Lost Time.
- Step 4: CALL TEST BOOK-111. Action: Add item to cart. Data: \$Quantity = 2, \$Item = The Great Gatsby.
- Step 6: Action: Press the Checkout button to start the checkout process. Data: None. Expected Result: The checkout process is initiated asking the user the address details.

The main window shows the execution of this test case. The steps are listed with their status and results:

- Step 1: Action: Open book store web site. Data: https://www.bestsbookstore.com. Expected Result: The website is opened and the login page is displayed. Status: PASSED.
- Step 2: Action: Login with user. Data: \$email = bruno.conde@getway.app, \$password = garfex39d330d4. Expected Result: None. Status: PASSED.
- Step 3: Action: Add item to cart. Data: \$Quantity = 1, \$Item = In Search of Lost Time. Expected Result: After items are added, a confirmation message appears mentioning 1 items of In Search of Lost Time were added to the cart. Status: PASSED.
- Step 4: Action: Add item to cart. Data: \$Quantity = 2, \$Item = The Great Gatsby. Expected Result: After items are added, a confirmation message appears mentioning 2 items of The Great Gatsby were added to the cart. Status: EXECUTING.
- Step 5: Action: Click on the cart icon located on the top right toolbar of the app. Data: None. Expected Result: The shopping cart page is displayed containing all 2 items. Status: TODO.
- Step 6: Action: Press the Checkout button to start the checkout process. Data: None. Expected Result: The checkout process is initiated asking the user the address details. Status: TODO.
- Step 7: Action: Add item to cart. Data: \$Quantity = 1, \$Item = The Great Gatsby. Expected Result: After items are added, a confirmation message appears mentioning 1 items of The Great Gatsby were added to the cart. Status: TODO.

Test Sets filter on the Xray issue picker

Add Tests to Test Plan BOOK-43

Select Search JQL

Project

Book Store

Folder

Test Set

Select Issues

USER SEARCH (SHOWING 2 OF 2 MATCHING ISSUES) 2

BOOK-114

Regression Tests

MC-12

Coverage Regression

Covering

Select Issues

When searching for tests to associate with another issue (Requirement, Test Set, Test Plan, or Test Execution), you can now use a Test Set filter to select tests associated with a particular Test Set issue.

Ex: Adding tests to a test plan that are contained in a test set but also have the "Regression" component.

Learn more [here](#).

Test Run assignee email notifications

Xray will now be able to send email notifications whenever a Test Run is assigned to a user.

This option is disabled by default but you can enable it in the Xray project settings.

Learn more about this feature [here](#).

The image shows an email notification from Bruno Conde (JIRA) about new assignments, and a screenshot of the Xray Tests interface. The email states: "Xray has a message for you about an issue. The assignments for this Test Execution have been updated. ABC / ABC-8 [Regression Tests] Checkout Process". The Xray interface shows a table of tests with 4 items in the 'TO DO' status. A red box highlights the 'Assign' button in the actions menu for the first test item.

Rank	Key	Summary	Test Type	Dataset	#Defects	Status	Actions
1	BOOK-38	Manual test of strong password validation	Manual		0	TO DO	Assign, Change Rank, Dataset, Archive, Delete
2	BOOK-37	Manual test of password reset procedure	Manual		0	TO DO	
3	BOOK-27	Test visitors can unsubscribe from the book store Newsletter	Manual		0	TO DO	
4	BOOK-109	Checkout scenario A	Manual		0	TO DO	

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And much more...

Execution page

- [XRAYCLOUD-4299](#): Xray should have keyboard shortcuts to, when running a Test, go to the next or previous Test

BDD

- [XRAYCLOUD-2831](#): As a user, I can import also the comments of Cucumber Steps and also the background comments

Permissions

- [XRAYCLOUD-1717](#): As a user, I cannot associate Test Executions to Read-Only Test Plans

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Just one last, yet important, thing...

Documentation is always very helpful and sometimes you might miss new articles. We've added these sections to our extensive wiki, feel free to take a look at them:

- Tutorials, Tips, and Tricks
 - [Performance and load testing with Gatling](#)
 - [Performance and load testing with k6](#)
 - [Implementing Acceptance Criteria with Xray and Jira](#)

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Features and Bug Fixes in this release

Key	Summary	T	Created	P	Status	Resolution
XRAYCLOUD-3803	Xray should have available some keyboard shortcuts to, when running a Test, set a status and go to the next Test	+	Jun 08, 2021		SHIPPED	Done
XRAYCLOUD-4299	Xray should have keyboard shortcuts to, when running a Test, go to the next or previous Test	+	Oct 07, 2021		SHIPPED	Done
XRAYCLOUD-3491	As a user I can configure an issue notification to be sent when an assignee is set in a Test Run	+	Apr 15, 2021		SHIPPED	Done
XRAYCLOUD-3172	Xray Issue Picker Dialog should have a filter for Test Sets	+	Feb 17, 2021		SHIPPED	Done
XRAYCLOUD-2831	As a user I can import also the comments of Cucumber Steps and also the background comments	+	Nov 24, 2020		SHIPPED	Done
XRAYCLOUD-552	Modular Tests	+	Dec 05, 2018		SHIPPED	Done
XRAYCLOUD-1717	As a user, I cannot associate Test Executions to Read-Only Test Plans	+	Mar 11, 2020		SHIPPED	Done
XRAYCLOUD-4294	In Team Managed Projects, the Stories set as child in Epic of an Epic are not appearing in the Traceability Report	●	Oct 04, 2021	↑	CLOSED	Fixed
XRAYCLOUD-4220	Sprint and Epic Link are not displayed in the Requirement List / Test Plan List gadget	●	Sep 22, 2021	↑	CLOSED	Fixed
XRAYCLOUD-4219	Sprint value is not displayed in the Requirement List gadget	●	Sep 22, 2021	↑	CLOSED	Fixed
XRAYCLOUD-4217	In a Requirement, if we use a version and a Test Environment on the Analysis & Scope, it is not saved after refreshing the page	●	Sep 22, 2021	↑	CLOSED	Fixed
XRAYCLOUD-4287	Updating a Test Step is a slow operation	●	Oct 01, 2021	↑	CLOSED	Fixed

12 issues

