Xray 3.5.0 Release Notes

19 September 2019

The Xray team is proud to announce the release of **Xray 3.5.0**.

The main goal for this version is to improve filtering capabilities on Test Executions and the Test Coverage reports. Users can now choose any field in Jira to filter and use JQL.

Another relevant feature is the ability to provide a custom JSON file when importing execution results to specify how the Tests will be created in Jira.

As part of our continuous improvement, more performance enhancements have also been included in this version.

Discover the key features below. 🙂

Upgrading Xray to 3.5.x

If you are upgrading from a version lower than 3.2, this implies that an upgrade task will run to pre-calculate historical data. This action is a one time action and it will run in the background so that Xray is still available during the upgrade. A **re-index** operation of your Jira instance is required so that the internal data becomes searchable and usable by Xray.

> ⚠ Please be aware that this upgrade task will run <u>immediately </u>after updating Xray. As this operation can take some time and use a considerable amount of server resources, we suggest scheduling the upgrade of Xray outside of business hours. It is always possible to cancel the recalculation operation in the Xray configuration section Custom Fields Maintenance.

If you are upgrading from v3.2.x or v3.3.x to v3.5, you must recalculate data in the Xray configuration section Custom Fields. This recalculation is necessary because of the huge improvement in the amount of data that Xray needs to add to the table and to the Lucene indexes.

> ⚠ As this operation can take some time and use a considerable amount of server resources, we suggest scheduling the upgrade of Xray and the recalculation of the custom fields, outside of business hours.

Downgrading from Xray 3.5.x

Downgrading from Xray 3.5.x to a version less than 3.2.0 implies that you must perform a re-index afterwards. This is because from Xray 3.2.0 onwards, the content and format of what Xray indexes, has changed.

Historical Coverage Gadget

Some configuration parameters for this gadget were modified as a result of supporting multiple projects whenever using a saved filter as a source. It is possible that some users will get errors on the gadget after downgrading from 3.5.x. If this happens, please edit the configuration to ensure the gadget is configured properly.

Release highlights

Filter including additional fields and JQL

˅ Tests

+ Add ˅

Overall Execution Status

3 PASS **1** FAIL **1** ABORTED **1** EXECUTING **1** BLOCKED **3** TODO

Total Tests: 10

⟚ **Test Set**: CALC-1701 **Execution Status**: FAIL **Updated Date**: Within the last 5d

| Basic | Advanced |

Search 🔍

☑ Updated Date

Show 10 ˄˅ entries   Columns ▾

Fields

☐ % Limits

☑ Affects Version

☐ Age

☐ Assignee

☐ Comment

☐ Created Date

☐ Creator

More ▾

e ⇅ Status

First   Previous   Next   Last

Test Set

🟦 CALC-1701 - arithme

Test Run Assignee

Component

Updated Date

◉ Within the last 2d

Clear   **Apply**   Cancel

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Users can now include any issue field (native or custom fields) on the filters component within a Test Execution. JQL searches are also possible as of now.

We have applied this new filter component on the following Test Coverage reports:

- Overall Test Coverage
- Traceability
- Historical Test Coverage

For example, users can now filter **requirements by Sprint** on the Coverage reports. In fact, the Sprint field is now a default field on these reports.

Of course, these filters are also saved in user preferences so that context is not lost when navigating between issues and reports.

This is just the beginning as we plan to retrofit this component in more web panels in future versions of Xray.

Learn more about this feature here.

Importing execution results with a JSON template for creating Test cases

It is now possible to import execution results and provide a JSON template document to create Test cases.

Possible usage scenarios include required fields in Test issues and any additional information for Test cases when they are created automatically by Xray.

Learn more about importing execution results here.

```
 1   // Test Template
 2   {
 3       "fields": {
 4           "project": {
 5               "id": "10402"
 6           },
 7           "labels" : ["Server","JUnit"]
 8       }
 9   }
10   // Test Execution Template
11   {
12       "fields": {
13           "project": {
14               "id": "10402"
15           },
16           "summary": "Brand new Test execution",
17           "issuetype": {
18               "id": "10007"
19           }
20   ~
21   ~        curl -H "Content-Type: multipart/form-data" -X POST -F info=@iss
22   testInfo=@testIssueFields.json -H "Authorization: Bearer $token" htt
23   t/execution/junit/multipart
24
25               "name":"Core"
```

Performance improvements

As part of our continuous performance improvements, we have enhanced the loading times of the Requirement issue's Test Coverage web panel. We have also improved the Test Repository folder load times.

Improving performance is an ongoing effort, so expect additional enhancements to come ahead.

Please take a look at Usage tips to improve performance, containing setup and usage best practices.

And more...

Gadgets	Test Repository	Execution

- The Historical Daily Requirement Coverage Gadget now supports multiple projects when using a saved filter as source. The Gadget configuration parameters have also been simplified.

- You can now navigate directly from a Test issue into the Test Repository. The "Test Repository Path" custom field now contains a link that will open the Test Repository on the Test issue folder.

- A new project permission was added by Xray to override the permission to execute Tests.

New Features and Bug Fixes in this release

Key	Summary	T	Created	P	Status	Resolution
XRAY-3982	As a user, I can choose a Sprint whenever creating a Test Execution using the Xray dialogs	+	May 02, 2019		SHIPPED	Done
XRAY-324	As a user, I can filter via a JQL field Requirement issues in the Requirement Coverage project page	+	Feb 17, 2015		SHIPPED	Done
XRAY-3842	Cucumber feature REST API - support for required fields		Mar 20, 2019	≫	CLOSED	Done
XRAY-2363	As a user, I can navigate to the Test Repository folder using the custom field "Test Repository Path"		Jan 04, 2018	≫	CLOSED	Done
XRAY-2774	REST API when importing execution results allow to pass any fields for Test creation		May 17, 2018	≫	CLOSED	Done
XRAY-2886	As a user, I can assign test runs even if I can't edit Test Execution issues		Jul 02, 2018	≫	CLOSED	Done
XRAY-721	As a user, I can filter Test Runs in the Test Execution view issue screen using JQL		Jan 20, 2016	≫	CLOSED	Done
XRAY-4264	Improve folder fetch response times in Test Repository		Jul 08, 2019	≫	CLOSED	Done
XRAY-3133	As an User I can share a link to a folder in the Test Repository with another user	+	Aug 28, 2018		SHIPPED	Done
XRAY-4383	Cannot remove defects from Test Runs		Aug 16, 2019	≫	CLOSED	Done
XRAY-4378	In cross projects, searching for Requirement fix version does not return results		Aug 13, 2019	≫	CLOSED	Done
XRAY-4243	When importing .feature file, Error "Priority Field Not Available" due to JIRA having a "default priority" set on the default priority scheme		Jul 03, 2019	≫	CLOSED	Done
XRAY-4227	On an Epic-Story issue pairing, the parent requirement Status isn't being calculated correctly		Jul 01, 2019	🔺	CLOSED	Done
XRAY-4186	Requirement issue is showing incorrect Requirement Status after project import		Jun 17, 2019	≫	CLOSED	Done
XRAY-3716	Project roles permissions are not being validated, to edit the Test Repository Information		Feb 08, 2019	≫	CLOSED	Done
XRAY-3637	When using Xray extender, when reordering an issue the error message is not displayed properly		Jan 23, 2019	≫	CLOSED	Done
XRAY-3520	Error using the Test Case Importer, when the priority scheme associated with the project doesn't have the "Medium" priority		Dec 14, 2018	≫	CLOSED	Duplicate
XRAY-2560	Test Evolution gadget not showing correct results		Mar 15, 2018	≫	CLOSED	Done

18 issues