

# Xray 7.2.0 Release Notes

August 25th, 2023

The Xray team is proud to announce the release of **Xray 7.2.0**.

This version updates **Test case versioning** for Xray Enterprise, enabling the feature on **project imports**, **DocGen** and migration to Cloud.

Available also the new **Advanced Constraints**, a **Test Case Designer** feature that makes possible creating dependencies across any number of parameters.



- [Upgrade Notes](#)
  - [Upgrading Xray to 7](#)
  - [Downgrading from Xray 7](#)
- [Release highlights](#)
  - [Test Case Versioning extended support](#)
  - [Early Access - Advanced N-way Constraints](#)
- [Just one more, yet important, thing...](#)
- [All New Features and Bug Fixes in this release](#)

## Upgrade Notes

### Upgrading Xray to 7

**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 one-time action will run in the background so that Xray remains available during the upgrade. A **re-index** operation of your Jira instance is required to make the internal data searchable and usable by Xray.



Please be aware that this upgrade task will run immediately 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 upgrading from v3.2.x or v3.3.x to v7**, 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 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 recalculating the custom fields outside of business hours.

### Downgrading from Xray 7

Downgrading from Xray 7.x.x to a previous version may have the following side effects:

After creating some specific data using Test Case Versions, the user may have some glitches when downgrading to a specific version of Xray

- On a Test Issue, multiple manual test versions with steps, when downgrading the test issue will show all steps from all the versions
- On a Test Issue, multiple manual test versions with specific datasets, when downgrading the test issue will show the parameters from all the datasets
- On a Test issue, having different test versions linked to the same precondition issue when downgrading, the test issue will show an integrity error instead of showing the precondition table

▼ Pre-Conditions

This test is not associated with Pre-Conditions yet.

```
❖ An error occurred while processing table data ×
{"message":"Multiple entries with same key: 12133=AO_8B1069_TEST_PRE_COND_LINK {ID = 152}
and 12133=AO_8B1069_TEST_PRE_COND_LINK {ID = 150}. To index multiple values under a key, use
Multimaps.index.\"", "status-code":500, "stack-trace":"java.lang.IllegalArgumentException: Multiple
entries with same key: 12133=AO_8B1069_TEST_PRE_COND_LINK {ID = 152} and
12133=AO_8B1069_TEST_PRE_COND_LINK {ID = 150}. To index multiple values under a key, use
Multimaps.index.\n\tat com.c.a.d.i.c.b(Unknown Source)\n\tat com.c.a.d.i.c.b(Unknown Source)\n\tat
com.xpandit.raven.datatable.d.a(Unknown Source)\n\tat com.xpandit.raven.datatable.d.a(Unknown
Source)\n\tat com.xpandit.raven.rest.internal.test.g.a(Unknown Source)\n\tat
com.xpandit.raven.rest.internal.test.g.c(Unknown Source)\n\tat
sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\n\tat
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)\n\tat
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)\n\tat
java.lang.reflect.Method.invoke(Method.java:498)\n\tat
com.atlassian.plugins.rest.common.interceptor.impl.DispatchProviderHelper$ResponseOutInvoker$1.in
voke(DispatchProviderHelper.java:192)\n\tat
com.atlassian.plugins.rest.common.interceptor.impl.DispatchProviderHelper$1.intercept(DispatchProvi
derHelper.java:83)\n\tat
com.atlassian.plugins.rest.common.interceptor.impl.DefaultMethodInvocation.invoke(DefaultMethodInv
ocation.java:53)\n\tat
com.atlassian.plugins.rest.common.expand.interceptor.ExpandInterceptor.intercept(ExpandInterceptor.
java:41)\n\tat
com.atlassian.plugins.rest.common.interceptor.impl.DefaultMethodInvocation.invoke(DefaultMethodInv
ocation.java:53)\n\tat
com.atlassian.plugins.rest.common.interceptor.impl.DispatchProviderHelper.invokeMethodWithInterce
ptors(DispatchProviderHelper.java:110)\n\tat
com.atlassian.plugins.rest.common.interceptor.impl.DispatchProviderHelper$ResponseOutInvoker._dis
```

And the precondition will show the

warning of being linked to an archived test



XRAY / XRAY-5

## Pre cond

Edit

Comment

Assign

More

Start Progress

Resolve Issue

Close

### Details

Type: **Pre-Condition** Status: **OPEN**  
Priority: **Lowest** Resolution: **Unres**  
Labels: **None**

### Description

[Click to add description](#)

### Pre-Condition Details

Type: **Cucumber**  
Condition: [Click to add condition](#)

### Tests

**Add Tests**



Release highlights

# Test Case Versioning extended support



Projects / Book Store / STORE-80

## Strong password validation

Attach Create subtask Link issue Test details

Description  
Add a description...

Test details

Test details Preconditions Test Sets Test Plans Test Runs

Test Type  
Manual

Edit in Dialog Add Step Import Export

Version: v1 DEFAULT

- New version
- Rename version
- Manage versions

Test Repository / Dataset

- 1 Open the Change Password screen by selecting option "My Profile > Password"
- 2 Fill the password fields with data

New Step Call Test

This highly requested [Xray Enterprise](#) feature allows users to create and manage multiple versions of the same test case, to easily track and revert changes in your test specification.

With this new release, we are bringing all the advantages of Test Case Versioning to more areas of the application, such as:

- Project Import
- DocGen
- DC to Cloud Migration

Test case versioning is a powerful feature that can help you manage your test specification more efficiently and effectively. It is available for Xray Enterprise customers only.

If you want to learn more about Test case versioning, please visit our documentation page [here](#).

## Early Access - Advanced N-way Constraints



With this new [Xray Enterprise](#) Test Case Designer feature, you can now create dependencies among any number of parameters. This feature is highly requested by our users who need to define complex rules for their test cases. It also allows you to apply our tool to workflows that have many conditional parameters. This feature will help you save time and improve your testing efficiency.

If you want to learn more, please visit our documentation page [here](#).

## Just one more, yet important, thing...

Documentation is always important, and sometimes you may miss it.

This time we added some articles showing how to take advantage of Jira built-in automation capabilities. Examples include the integration with the popular MS Teams and Slack communication tools to share test results; but there's more!

We also included tutorials to show how to migrate from other test management tools, to foster adoption of Xray in your teams. Lastly, we consolidated helpful tips for facilitating compliance with our suite of tools.

Here's a summary of all the relevant articles that we've added and updated recently:

- **Integrations**
  - [Integration with Microsoft Teams](#)
  - [Integration with Slack](#)
  - [Integration with Automation for Jira \(additional use cases!\)](#)
- **Tutorials, Tips, and Tricks**
  - [TTT: Migration](#)
    - [Importing TestLink test cases using Test Case Importer](#)
    - [Importing TestRail test cases using Test Case Importer](#)
    - [Importing Zephyr Scale test cases using Test Case Importer](#)
  - [TTT: Process](#)
    - [How our suite of tools helps with your compliance journey \(Automotive example\)](#)

[blocked URL](#)

## All New Features and Bug Fixes in this release

Key	Summary	T	Created	P	Status	Resolution
<a href="#">XRAY-9181</a>	<a href="#">As an user I would like to run JCMA and Pre-flight and NOT requires granting the Browse Project and Edit Issue grant to Application access for Any logged-in use. (related to MIG-672)</a>		May 16, 2023		SHIPPED	Fixed

1 issue