Creating a Test Project using an Xray Template

Xray provides a built-in project template so all Xray Issue Types and Screens are associated to the newly created project. This way, each project can be customized without affecting other projects.

- Creating the project
- Structure
    - Issue Type Scheme
    - Screens
    - Screen Schemes
    - Issue Type Screen Scheme
- Requirements Project
    - Replicate versions name to the newly created project
        - Automated
        - Manual
    - Add Xray Issue Types to your project
    - Add Requirement Status field to your Requirement screens

Creating the project

To create an Xray project, you must select the **Xray Test Project** in the **Create Project Module**. Then, you must read the short description and finally choose your project name and key.

> ⓘ **Please note**
>
> As of v3.3, the project is created as being a "Business" based project.
>
> You may want to change the project type to "Software" by going to **Project settings > Details > Project Type**, so that you can take advantage of some features such as Backlog management and visibility of active Sprint using the project side bar.

Structure

When you create an Xray Project, a project-specific structure with several entities is created.

Issue Type Scheme

This scheme uses all Issue Types from Default Issue Type Scheme and adds, if not already added, all Xray Issue Types.

LSP: Xray Issue Type Scheme

- Bug
- New Feature
- Task
- Improvement
- Sub-Requirement
- Test
- Test Set
- Test Execution
- Pre-Condition
- Sub-Requirement-Aero
- Vendavo Test
- Functional Requirement
- Epic

- Launch SpaceShip project

Edit · Associate · Copy · Dele

Screens

Xray creates 9 project-specific Screens. Each Xray Issue Type has 2 screens (one for create/edit and one for viewing) and all other Issue types are mapped to the default screen.

LSP: Xray Default Pre-Condition Screen
This is the default screen for the create/edit operations on Pre-Condition issues

- LSP: Default Xray Pre-Condition Screen Scheme

Configure · Edit · Copy

LSP: Xray Default Screen

- LSP: Xray Screen Scheme

Configure · Edit · Copy

LSP: Xray Default Test Execution Screen
This is the default screen for the create/edit operations on Test Execution issues

- LSP: Xray Test Execution Screen Scheme

Configure · Edit · Copy

LSP: Xray Default Test Screen
This is the default screen for the create/edit operations on Test issues

- LSP: Default Xray Test Screen Scheme

Configure · Edit · Copy

LSP: Xray Default Test Set Screen
This is the default screen for the create/edit operations on Test Set issues

- LSP: Default Xray Test Set Screen Scheme

Configure · Edit · Copy

LSP: Xray View Pre-Condition Screen
This is the view operation screen for Pre-Condition issue type

- LSP: Default Xray Pre-Condition Screen Scheme

Configure · Edit · Copy

LSP: Xray View Test Execution Screen
This is the view operation screen for Test Execution issue type

- LSP: Xray Test Execution Screen Scheme

Configure · Edit · Copy

LSP: Xray View Test Screen
This is the view operation screen for Test issue type

- LSP: Default Xray Test Screen Scheme

Configure · Edit · Copy

LSP: Xray View Test Set Screen
This is the view operation screen for Test Set issue type

- LSP: Default Xray Test Set Screen Scheme

Configure · Edit · Copy

Screen Schemes

Xray creates 5 project-specific Screens Schemes. Each Xray Issue Type has 1 screen scheme (configured with the 2 screens shown above) and all other Issue types are mapped to the default screen scheme.

LSP: Default Xray Pre-Condition Screen Scheme
This is the screen scheme used by raven issue type pre-condition

- LSP: Xray Issue Type Screen Scheme

Configure · Edit · Copy

LSP: Default Xray Test Screen Scheme
This is the screen scheme used by Xray issue type Test

- LSP: Xray Issue Type Screen Scheme

Configure · Edit · Copy

LSP: Default Xray Test Set Screen Scheme
This is the screen scheme used by Xray issue type test set

- LSP: Xray Issue Type Screen Scheme

Configure · Edit · Copy

LSP: Xray Screen Scheme

- LSP: Xray Issue Type Screen Scheme

Configure · Edit · Copy

LSP: Xray Test Execution Screen Scheme
This is the screen scheme used by Xray issue type Test Execution

- LSP: Xray Issue Type Screen Scheme

Configure · Edit · Copy

Configure Screen Scheme — LSP: Default Xray Test Screen Scheme

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+ Associate an Issue Operation with a Screen

ⓘ Please use the table and the form below to select which screen will be displayed for each issue operation. The *Default* entry is used to indicate which screen should be used for operations that do not have a specific mapping in this scheme.

To activate this screen scheme, map it to one or more issue types using an Issue Type Screen Scheme and then associate the Issue Type Screen Scheme with one or more projects.

Note: a screen scheme can only be deleted if it is not a default scheme and is not associated with any projects.

- View all screen schemes

Issue Operation	Screen	Operations
Default Used for all unmapped operations.	LSP: Xray Default Test Screen	Edit
View Issue	LSP: Xray View Test Screen	Edit · Delete

Issue Type Screen Scheme

Xray creates a project-specific Issue type Screen Scheme (configured with the 5 screen schemes shown above).

LSP: Xray Issue Type Screen Scheme   • Launch SpaceShip project   Configure · Edit · Copy

Configure Issue Type Screen Scheme: LSP: Xray Issue Type Screen Scheme

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+ Associate an Issue Type with a Screen Scheme

ⓘ This scheme can be used by one or more projects, the Screen Scheme specified for each issue type will be applied to the issues in these projects.

The *Default* entry specifies which Screen Scheme will be used for any issue type that has not been explicitly mapped to a screen scheme.

View all issue type screen schemes.

Issue Type	Screen Scheme	Operations
Default Used for all unmapped issue types.	LSP: Xray Screen Scheme	Edit
Test	LSP: Xray Test Screen Scheme	Edit · Delete
Test Set	LSP: Xray Test Set Screen Scheme	Edit · Delete
Test Execution	LSP: Xray Test Execution Screen Scheme	Edit · Delete
Pre-Condition	LSP: Xray Pre-Condition Screen Scheme	Edit · Delete

Requirements Project

When creating an Xray project to test a Requirement Project, there are some configurations that are optional but strongly recommended by the Xray team.

Replicate versions name to the newly created project

In order to calculate the overall requirement coverage by versions, you must guarantee that versions from the Requirement project and Test project are the same.
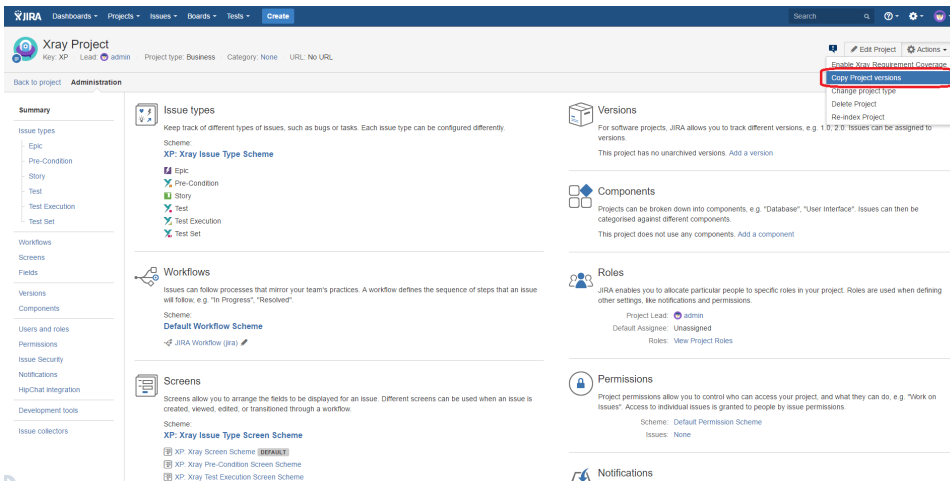
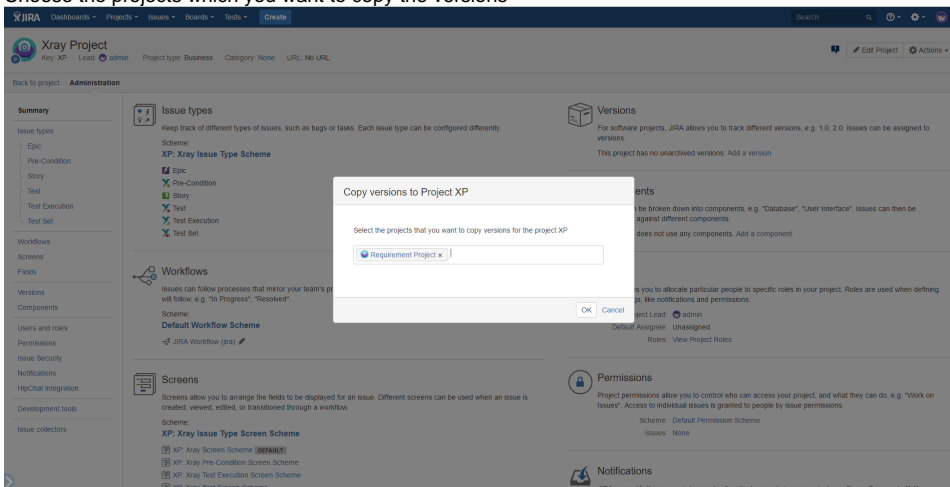There are two ways to replicate the version names: Automated and Manual.

Automated

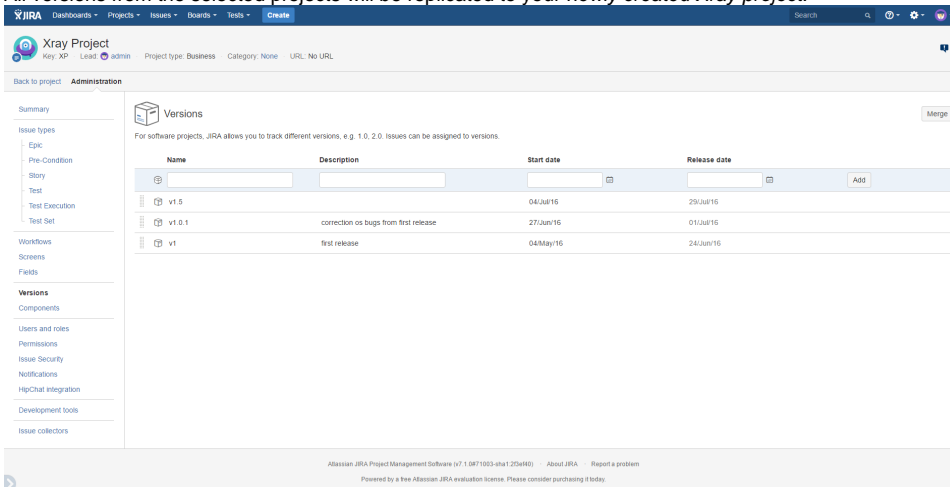ⓘ Bear in mind that the Automated replication will copy all versions name from the chosen projects

1. Go to Administration-> Projects -> *newly created Xray project* -> Actions -> Copy Project versions

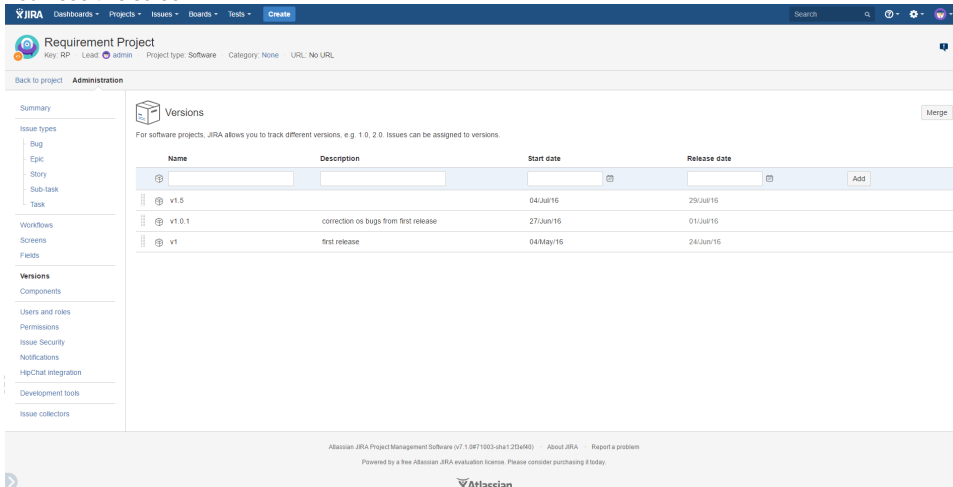2. Choose the projects which you want to copy the versions

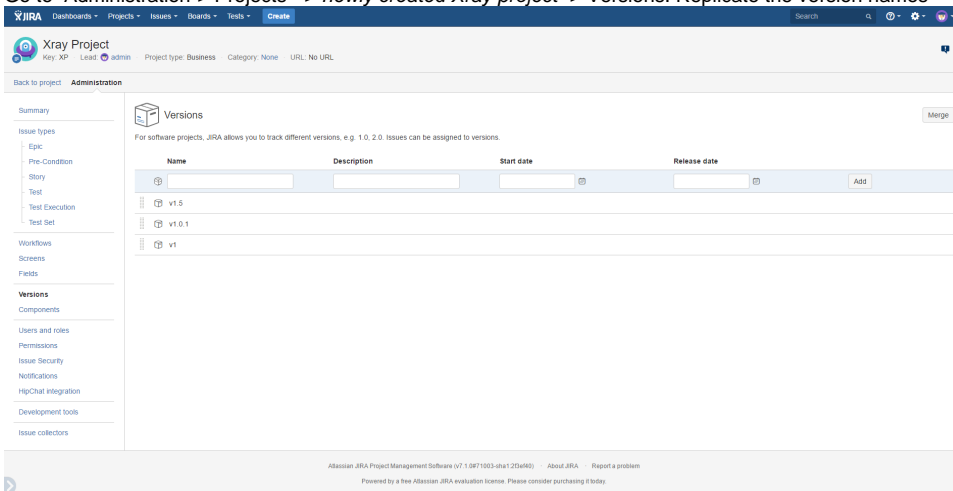3. All versions from the selected projects will be replicated to your *newly created Xray project*.

Manual

1. Go to Administration-> Projects -> *Choose your Requirement project* -> Versions
   You'll see this screen:

2. Go to Administration-> Projects -> *newly created Xray project* -> Versions. Replicate the version names

Add Xray Issue Types to your project

It's quite a simple process.

Go to Administration -> Issue type schemes

CS: Project Management Issue Type Scheme	☑ Task (Default) ◩ Sub-task	• Car Service	Edit · Associate ·
TCS: Xray Issue Type Scheme	⅄ Test ⅄ Test Set ⅄ Test Execution ⅄ Pre-Condition ◉ Feature ◼ Bug	• Test Car service	Edit · Associate ·

Edit the requirement project adding Xray Issue Types.

Modify Issue Type Scheme — CS: Project Management Issue Type Scheme

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Scheme Name*   CS: Project Management Issue Type S

Description

Default Issue Type   Task ▼

Change the order of the options by **dragging and dropping** the option into the desired order. Similarly, **drag and drop** the option from one list to the other to add or remove them.

Issue Types for Current Scheme

Remove all
- ☑ Task
- ⬡ Sub-task (sub-task)
- Test
- Test Set
- Test Execution
- Pre-Condition

Available Issue Types

Add all
- ⬡ Feature
- 🟥 Bug

Save   Reset   Cancel

Now, you're able to see Overall Requirement Coverage Report panel.

Add Requirement Status field to your Requirement screens

When you install Xray, it will add relevant fields to Defaul Issue Type Screens. If you only use these screens, then you do not have to perform the following action. If you use customized screens, then Xray have not added any custom fields to those screens. We recommend you to add **Require ment Status** to you Requirement issue type screens. Follow these steps illustrated in the images below.

You must repeat these steps for every Requirement issue type screen.

Launch Car sharing software app / LCSSA-1
As a user I can login in the app

3 of 3 ▲

Edit   Comment   Assign   More ▼   To Do   In Progress   Workflow ▼   Admin ▼   Export

Details

Type:	New Feature
Priority:	↑ Medium
Affects Version/s:	None
Labels:	None

Status:	TO DO (View Workflow)
Resolution:	Unresolved
Fix Version/s:	v1

People

Assignee: Unassigned
Assign to me
Reporter: diamantino campos
Votes: 0
Watchers: 1 Stop watching this issue

Description

Click to add description

Attachments

Drop files to attach, or browse.

Issue Links

tested by   TCSS-1 Test user login   ↑   OPEN

Activity

All   **Comments**   Work Log   History   Activity

There are no comments yet on this issue.

Comment

Dates

Created: 2 hours ago
Updated: 2 hours ago

Agile

View on Board

HipChat discussions

Do you want to discuss this issue? Connect to HipChat.

Connect   Dismiss

This is a requirement without Requirement Status field.

You can see that a custom field is not associated with this screen.

Just go to the specific screen listed on the previous screen and add the field.

Launch Car sharing software app / LCSSA-1

As a user I can login in the app

Edit | Comment | Assign | More ▾ | To Do | In Progress | Workflow ▾ | Admin ▾

Export ▾

Details

Type:	⊞ New Feature	Status:	TO DO (View Workflow)
Priority:	↑ Medium	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	v1
Labels:	None		
Requirement Status:	**v1 - OK**		

Description

Click to add description

Attachments

Drop files to attach, or browse.

Issue Links

tested by

⊠ TCSS-1 Test user login   ↑ OPEN

Activity

| All | **Comments** | Work Log | History | Activity |

There are no comments yet on this issue.

Comment

People

Assignee:	Unassigned
	Assign to me
Reporter:	diamantino campos
Votes:	0
Watchers:	1 Stop watching this issue

Dates

Created:	2 hours ago
Updated:	2 hours ago

Agile

View on Board

HipChat discussions

Do you want to discuss this issue? Connect to HipChat.

Connect | Dismiss

Now, you can see the Requirement Status of this requirement.