

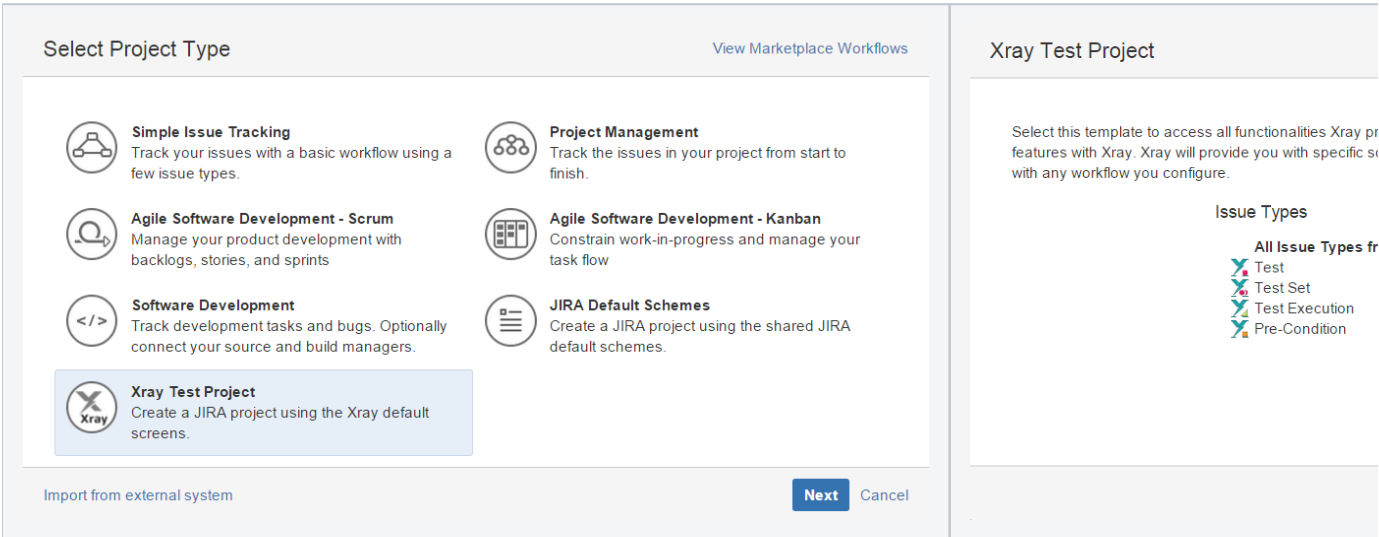
# Creating a Test Project using an Xray Template

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.

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## 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.

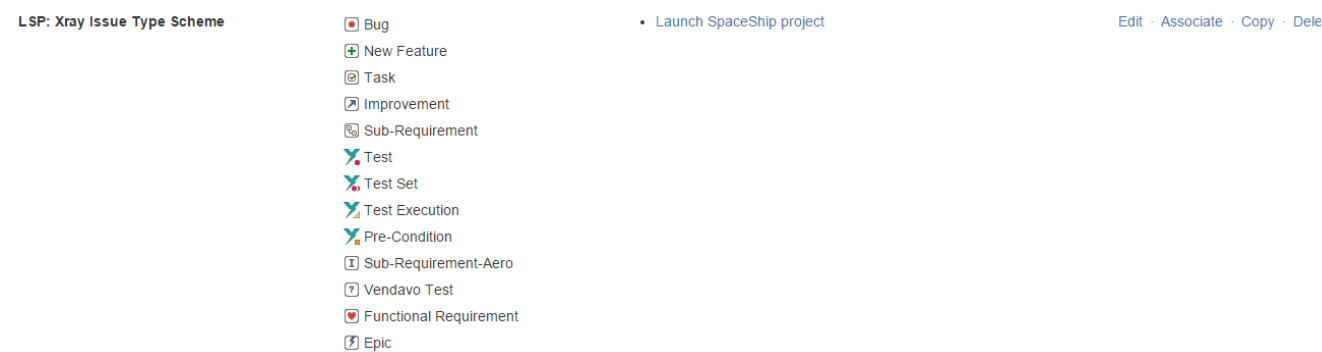


## Structure

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.



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.

<b>LSP: Xray Default Pre-Condition Screen</b> This is the default screen for the create/edit operations on Pre-Condition issues	<ul style="list-style-type: none"><li>LSP: Default Xray Pre-Condition Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray Default Screen</b>	<ul style="list-style-type: none"><li>LSP: Xray Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray Default Test Execution Screen</b> This is the default screen for the create/edit operations on Test Execution issues	<ul style="list-style-type: none"><li>LSP: Xray Test Execution Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray Default Test Screen</b> This is the default screen for the create/edit operations on Test issues	<ul style="list-style-type: none"><li>LSP: Default Xray Test Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray Default Test Set Screen</b> This is the default screen for the create/edit operations on Test Set issues	<ul style="list-style-type: none"><li>LSP: Default Xray Test Set Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray View Pre-Condition Screen</b> This is the view operation screen for Pre-Condition issue type	<ul style="list-style-type: none"><li>LSP: Default Xray Pre-Condition Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray View Test Execution Screen</b> This is the view operation screen for Test Execution issue type	<ul style="list-style-type: none"><li>LSP: Xray Test Execution Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray View Test Screen</b> This is the view operation screen for Test issue type	<ul style="list-style-type: none"><li>LSP: Default Xray Test Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray View Test Set Screen</b> This is the view operation screen for Test Set issue type	<ul style="list-style-type: none"><li>LSP: Default Xray Test Set Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>

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.

<b>LSP: Default Xray Pre-Condition Screen Scheme</b> This is the screen scheme used by raven issue type pre-condition	<ul style="list-style-type: none"><li>LSP: Xray Issue Type Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Default Xray Test Screen Scheme</b> This is the screen scheme used by Xray issue type Test	<ul style="list-style-type: none"><li>LSP: Xray Issue Type Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Default Xray Test Set Screen Scheme</b> This is the screen scheme used by Xray issue type test set	<ul style="list-style-type: none"><li>LSP: Xray Issue Type Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray Screen Scheme</b>	<ul style="list-style-type: none"><li>LSP: Xray Issue Type Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
<b>LSP: Xray Test Execution Screen Scheme</b> This is the screen scheme used by Xray issue type Test Execution	<ul style="list-style-type: none"><li>LSP: Xray Issue Type Screen Scheme</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>

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
<i>Default</i> Used for all unmapped operations.	LSP: Xray Default Test Screen	<a href="#">Edit</a>
View Issue	LSP: Xray View Test Screen	<a href="#">Edit</a> · <a href="#">Delete</a>

Issue Type Screen Scheme

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

<b>LSP: Xray Issue Type Screen Scheme</b>	<ul style="list-style-type: none"><li>Launch SpaceShip project</li></ul>	<a href="#">Configure</a> · <a href="#">Edit</a> · <a href="#">Copy</a>
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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
<b>Default</b> Used for all unmapped issue types.	LSP: Xray Screen Scheme	Edit
<b>Test</b>	LSP: Xray Test Screen Scheme	Edit · Delete
<b>Test Set</b>	LSP: Xray Test Set Screen Scheme	Edit · Delete
<b>Test Execution</b>	LSP: Xray Test Execution Screen Scheme	Edit · Delete
<b>Pre-Condition</b>	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

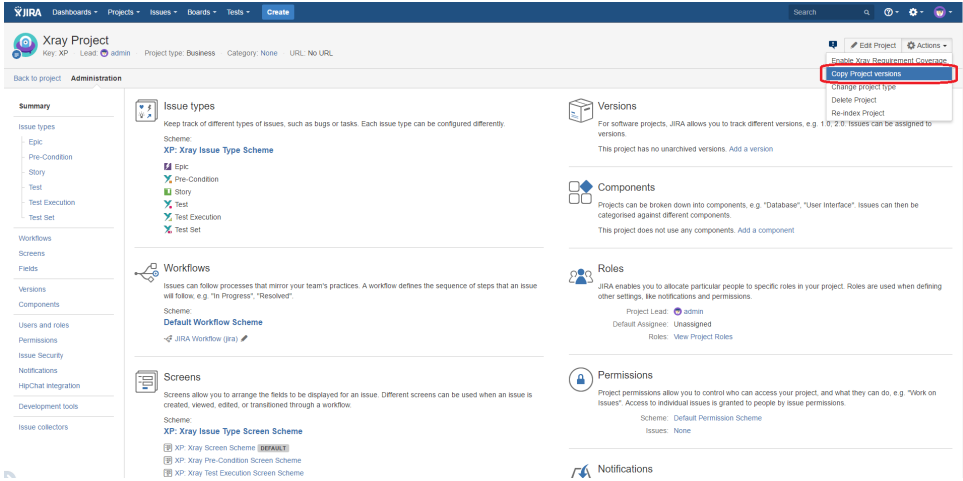
In order to calculate the overall requirement coverage by versions, you must guarantee that versions from the Requirement project and Test project are the same.

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

The screenshot shows the JIRA Xray Project Administration page for 'Xray Project'. A modal dialog box titled 'Copy versions to Project XP' is open in the center. The dialog contains the text 'Select the projects that you want to copy versions for the project XP' and a search input field with 'Requirement Project' entered. The background page shows various administration sections like Issue types, Workflows, Screens, Versions, Fields, Users and roles, Permissions, and Notifications.

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

The screenshot shows the JIRA Xray Project Administration page for 'Xray Project', specifically the 'Versions' section. The page displays a table of versions with columns: Name, Description, Start date, and Release date. The table contains three rows of versions: v1.5, v1.0.1, and v1.

Name	Description	Start date	Release date
v1.5		04Jul16	29Jul16
v1.0.1	correction on bugs from first release	27Jun16	01Jul16
v1	first release	04May16	24Jun16

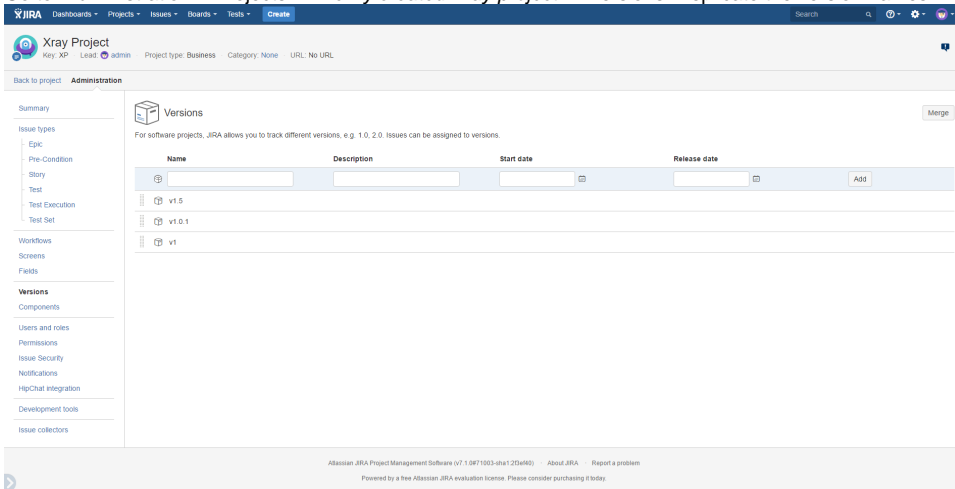
## Manual

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

The screenshot shows the JIRA Requirement Project Administration page for 'Requirement Project', specifically the 'Versions' section. The page displays a table of versions with columns: Name, Description, Start date, and Release date. The table contains three rows of versions: v1.5, v1.0.1, and v1.

Name	Description	Start date	Release date
v1.5		04Jul16	29Jul16
v1.0.1	correction on bugs from first release	27Jun16	01Jul16
v1	first release	04May16	24Jun16

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	<input checked="" type="checkbox"/> Task (Default) <input checked="" type="checkbox"/> Sub-task	• Car Service	<a href="#">Edit</a> · <a href="#">Associate</a> · <a href="#">...</a>
TCS: Xray Issue Type Scheme	<input checked="" type="checkbox"/> Test <input checked="" type="checkbox"/> Test Set <input checked="" type="checkbox"/> Test Execution <input checked="" type="checkbox"/> Pre-Condition <input checked="" type="checkbox"/> Feature <input checked="" type="checkbox"/> Bug	• Test Car service	<a href="#">Edit</a> · <a href="#">Associate</a> · <a href="#">...</a>

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 Default 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 **Requirement 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.

The screenshot shows a Jira issue page for the project 'Launch Car sharing software app / LCSSA-1'. The issue title is 'As a user I can login in the app'. The issue type is 'New Feature', priority is 'Medium', and status is 'TO DO (View Workflow)'. The resolution is 'Unresolved' and the fix version is 'v1'. The description field is empty with a placeholder 'Click to add description'. The attachments section is empty with a placeholder 'Drop files to attach, or browse.'. The issue links section shows a link 'tested by TCSS-1 Test user login' with an 'OPEN' button. The activity section shows 'All', 'Comments', 'Work Log', 'History', and 'Activity' tabs, with a message 'There are no comments yet on this issue.' and a 'Comment' button. The right sidebar shows 'People' (Assignee: Unassigned, Reporter: diamantino campos), 'Dates' (Created: 2 hours ago, Updated: 2 hours ago), 'Agile' (View on Board), and 'HipChat discussions' (Connect, Dismiss).

This is a requirement without Requirement Status field.

Launch Car sharing software app / LCSSA-1

As a user I can login in the app

Where is my field?

Project: Launch Car sharing software app  
Issue type: New Feature  
Screen: View Issue  
Field: Requirement Status  
Status: ✗ The 'Requirement Status' field is not present on the form you are viewing

Status	Summary	Details
✓	Project and issue type scope	Field 'Requirement Status' is in scope of the project 'Launch Car sharing software app' and issue type 'New Feature'
✓	Field configuration	The 'Requirement Status' field is enabled by the 'Default Field Configuration' field configuration associated with this issue.
✓	Field value	Field 'Requirement Status' has value for this issue
✗	Field Screen	The 'Requirement Status' field is not included in the 'LCSSA: Software Development Default Issue Screen' screen configured for this issue. To solve this problem, go to 'LCSSA: Software Development Default Issue Screen' Screen configuration settings and add the field. Alternatively, you can configure a different screen for that issue by modifying the screen schemes associated with it: <ul style="list-style-type: none"> <li>the 'LCSSA: Software Development Default Screen Scheme'</li> </ul>

Close

People  
Assignee: Unassigned  
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](#)

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

Administration Search JIRA admin

Applications Projects **Issues** Add-ons User management System

ISSUE TYPES  
Issue types  
Issue type schemes  
Sub-tasks

WORKFLOWS  
Workflows  
Workflow schemes

SCREENS  
**Screens**  
Screen schemes  
Issue type screen schemes

FIELDS  
Custom fields  
Field configurations  
Field configuration schemes

ISSUE FEATURES  
Time tracking  
Issue linking

ISSUE ATTRIBUTES  
Statuses  
Resolutions  
Priorities  
Issue security schemes  
Notification schemes  
Permission schemes

Configure Screen  
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This page shows the way the fields are organized on LCSSA: Software Development Default Issue Screen screen.  
Note: when the screen is shown to the user only non-hidden fields that the user has permissions to edit will be actually displayed.

Field Tab Add Tab

Epic Name  
Summary  
Issue Type  
Reporter  
Component/s  
Description  
Fix Version/s  
Priority  
Labels  
Time Tracking  
Security Level  
Attachment  
Due Date  
Linked Issues  
Assignee  
Epic Link

require  
Requirement Status

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



## As a user I can login in the app

Edit

Comment

Assign

More ▾

To Do

In Progress

Workflow ▾

Admin ▾

Export

Export ▾

### Details

Type: ➕ New Feature Status: TODO (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.