Testing with Xray

Your daily testing activites will mostly be focused on two tasks: writing/specifying Tests and organizing them in lists by using Test Sets or within the Test Repository, in case you prefer to use folders.
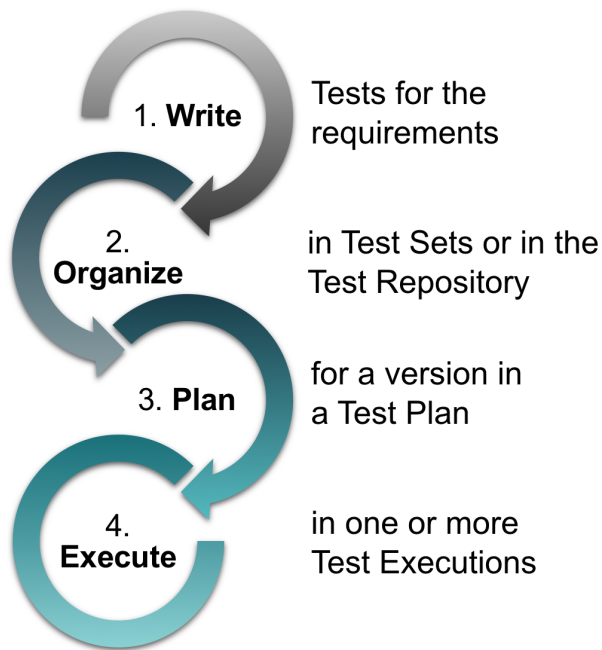
When you creating Tests, you will also associate each Test to the requirement(s) it validates; this is essential for the requirement coverage calculation and all the reporting you will need afterwards. Xray may validate any issue type in fact, including Bugs or other, as long as they're configured to be handled as testable entities (i.e. "requirements", accordingly to the configuration shown in Quick Setup instructions).

Your testing plan may be more or less formal (see Test Process), but you will probably end up using Test Plans. By creating a Test Plan with all the relevant tests for your release, you will be able to immediately track the status of those tests and the associated requirements.

From that Test Plan, you will schedule, assign, and execute tests by creating one or more Test Executions. Some of those tests might fail, so you will end up creating new or cloning existing Test Execution(s) until you have all your requirements fully validated.

Xray provides multiple ways to gather QA-related metrics from your project, so that when you decide to release, it will be a substantiated decision. Some of the popular options are:

- consulting the specific panels of Tests/Test Sets/Test Plans/Test Executions
- using the Built-in Reports
- building out dashboards using gadgets
- using specific Document Generator templates, if you want fully customized reports as DOCX, XLSX or PDF assets
- using Xporter app and specific Xporter templates, if you want fully customized reports as a DOCX, XLSX or PDF assets.

1. **Write** Tests for the requirements

2. **Organize** in Test Sets or in the Test Repository

3. **Plan** for a version in a Test Plan

4. **Execute** in one or more Test Executions

Testing activities

- Writing Tests

- Organizing Tests

- Planning Tests

- Executing Tests

- Reports & Analysis

Other

- How to implement QA in your projects
- Agile software development