

# REST API

Xray uses Jira issues for implementing Test, Pre-Condition, Test Set, Test Execution and Test Plan entities. Therefore, these entities may be created or updated using [Jira's native REST API](#), taking into consideration Xray's custom fields. The authentication is based on Jira's REST API authentication, so you can use [HTTP basic authentication](#) using some user credentials. It should also be possible to use other authentication methods such as cookie-based or OAuth (see more information [here](#)). The Xray REST API provides additional endpoints specifically made for dealing with test management.

- [Tests - REST](#)
- [Pre-Conditions - REST](#)
- [Test Sets - REST](#)
- [Test Plans - REST](#)
- [Test Executions - REST](#)
- [Test Runs - REST](#)
- [Test Repository - REST](#)
- [Import Execution Results - REST](#)
- [Export Execution Results - REST](#)
- [Importing Cucumber Tests - REST](#)
- [Exporting Cucumber Tests - REST](#)
- [Settings - REST](#)



## Feel free to contribute!

Xray is used and integrated with many different platforms, so if you have the time and know-how, feel free to contribute an API implementation in your preferred language (e.g., Java, .NET, JavaScript, etc). We'd be happy to include links to your contribution 😊