

# 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 😊