

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 Xray REST API provides additional endpoints specifically made for dealing with test entities/fields and importing execution results from automated processes.

Authentication

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](#)).

Version and URI

The Xray REST API has 2 versions: **v1.0** and **v2.0**. New versions of the API are created whenever there are breaking changes that can have a big impact on current integrations.

The URIs for resources have the following structure:

`https://<site-url>/rest/raven/<api-version>/api/<resource-name>`

For example, <http://yourserver/rest/raven/2.0/api/test/TEST-123/step>

Note that the latest version of the Xray REST API is [version 2.0](#). All endpoints from version 1.0 are available in version 2.0 unless they have been deprecated and removed intentionally.

You can also use "<latest>" as the API version. This will default to the latest version that is v2.0.

Check out the documentation for each version:

- [v1.0](#)
- [v2.0](#)