

Structure 2.4 Release Notes



14 June 2013

Structure 2.4 introduces S-JQL language for querying structures.

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1. Structured JQL

In this version, we're happy to introduce a long-awaited feature — **Structured JQL** (S-JQL) language for finding issues in structures that satisfy some structure-based conditions. Here are just a few examples:

Example	S-JQL Expression
Select "leaf" issues (those that don't have sub-issues)	<code>leaf</code>
Get top-level issues and 2nd-level issues only	<code>root or child of root</code>
Retrieve all Epics in a certain status and all of their sub-issues	<code>issue or ancestor in [type = Epic and status = Open]</code>
Find a closed issue that has an open sub-issue at any level	<code>[status = Closed] and descendant in [status = Open]</code>



To use S-JQL expression in a normal JQL (for example, in the Issue Navigator), you need to use `structure()` JQL function, for example:
`issue in structure("Enterprise Portfolio", "issue or ancestor in [type = Epic and status = Open]")`

There are a lot more examples in the [S-JQL Cookbook](#).

Potential applications of the S-JQL queries:

- Configuring GreenHopper's Agile board based on a structure and specific issues from it.
- Using in JQL filters for selecting specific parts of work breakdown.
- Creating workflow conditions based on the position of the issue in structure.
- Using in synchronizers for limiting scope.

Documentation: [Structured JQL](#)

2. Other Changes

2.1. Notable Fixes

- Fixed: [HJ-1184 Status rollout synchronizer does not correctly respond to Delete Issue action](#)
- Fixed: [HJ-1202 Send to Top / Send to Bottom don't work in Firefox](#)
- Fixed: [HJ-1338 Multiple problems with IE8-IE9 and JIRA 6](#)

3. Supported JIRA Versions

Structure 2.4 supports JIRA versions 5.0.1 — 6.0+. There are two separate downloads: one for JIRA 5.x, another for JIRA 6.x.



JIRA 5.0 (not 5.0.1 or later) is **not** supported anymore. Structure 2.3.0.jira5 is the last Structure version that supports JIRA 5.0.

4. Installation

The plugin may be installed from the [Atlassian Marketplace](#) or from the **Administration | Add-ons** menu. Further information is available in the [Administrator's Guide](#).

5. Upgrading from a Previous Version



- If you're upgrading from version 2.2.1 or earlier, please read [Structure 2.3 Release Notes](#).
- If you're using GreenHopper 6.1 and the new epics functionality, and upgrading from version 2.0 or earlier, please read [Structure 2.1 Release Notes](#).
- If you upgrade from version 1.7.1 or earlier, please read the upgrade section in [Structure 2.0 Release Notes](#).

Upgrade procedure is simple:

1. Create backup of Structure data. Use **Administration | Structure | Structure Backup**. See [Backing Up Structure](#) for details.
2. Install the new version of the plugin.



Note for early adopters: if you have a pre-release version of Structure 2.3 installed, you need to uninstall it first, and only then install the released version. All structure data will be kept.

3. Monitor `catalina.out` or `jira-application.log` for warnings or errors.