

Jama Integration for HP Quality Center

Connect business analysts with QA teams to trace coverage and dependencies from requirements to test cases for higher quality, from start to finish.

It is pretty well established that the cost of correcting errors increases dramatically the later they are discovered in the development process. By integrating Jama with HP Quality Center (HPQC), teams can ensure 100 percent test coverage and eliminate unnecessary rework and defects that cost development teams 10x more to fix later in a release cycle.

Automate the process of syncing requirements, test cases and relationships between Jama and HPQC. This way, you'll keep the entire cross-functional team up-to-speed on the latest scope being discussed and approved for development. At any time in the process, team members can collaborate in Jama on key decisions, issues or questions affecting the product in the proper context. This provides complete quality assurance as well as visibility and traceability throughout the process, which equates to significant time and cost savings.

How it works

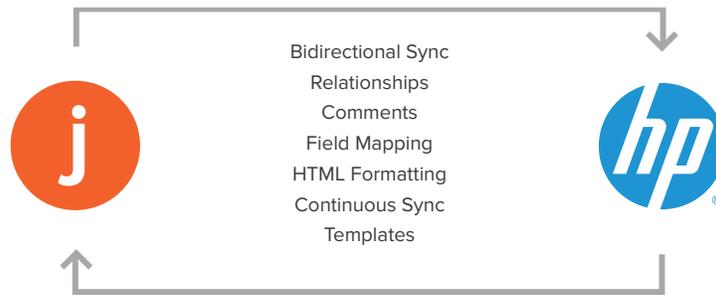
The Jama integration with HPQC is managed through the Tasktop Integration Hub (TIH). Through the TIH, system administrators can configure integration details, including the items and fields to synchronize and how frequently. The integration is bidirectional, allowing for data to move seamlessly between the two systems.

- **Traceability:**
Sync relationships between requirements and test cases to provide end-to-end traceability, from high-level requirements to test results.
- **Field Mapping:**
Sync the data most important to your teams—including custom fields created in Jama or HPQC—to ensure data consistency and to support workflows.
- **Filters:**
Sync all or only a filtered set of requirements from Jama to separate the “noise” that’s irrelevant to your testing team out of HPQC.
- **Schedule:**
Predetermine when data is synchronized to ensure a regular cadence of data exchange without disrupting daily work.

With Jama + HPQC your test teams can:

- Continue to work in their preferred QA solution; they require neither new licenses nor ramp-up training in a new tool.
- Ensure full coverage with test-case sync to Jama for end-to-end traceability.
- Manage tests and defects in context of requirements for better prioritization and faster decision-making.





Tasktop Integration Hub (TIH) Supported Applications

Tools:

Atlassian JIRA, HP ALM, HP Quality Center, Jama, Microsoft TFS, Rally, VersionOne

System Requirements

TIH must run on a separate standalone server or VM with the following system requirements:

Hardware Requirements:

- 8+ GB system memory
- (2) 3 GHz processors, 4 cores total
- 250 GB free disk space

Operating System (64-bit only):

- Windows 7 SP1

- Windows Server (2008 R2 SP1, 2012 R2, 2012)
- Red Hat Enterprise Linux 6.x
- Ubuntu Linux (12.04 LTS, 14.04 LTS)
- SUSE Linux Enterprise Server (11.x, 12.x)

The TIH runs on a file-based database. This database is created within a workspace for the profile of the user account that is running the application. For this reason, you must create a single admin user account on the machine running TIH that can be accessed by all admin that would be configuring the TIH.

An admin or multiple admin should be Identified to handle the following tasks:

- Configuring the initial mappings for the TIH
- Using Jama and other connecting endpoints
- Maintaining the connector and mappings

Teams create requirements in Jama, which then inform test cases. HPQC tracks and resolves defects, and the TIH syncs this data back to Jama for end-to-end traceability.

See this integration in action www.jamasoftware.com/HPQC

