



Orasi Software + HP

Orasi JIRA Bridge for HP Quality Center unifies testing across development and QA so you can synchronize defects easily and accurately.

Solution brief

The process of developing and testing applications in large organizations such as yours may not always be as seamless and synchronous as it should be. Often, it seems as if the right hand is not working with the left. The reality is that development teams and quality assurance (QA) teams engage in different processes with different objectives, and use disparate tools that lack integration. As a result, communication between the two teams—specifically with regard to sharing defect information—may be impaired.

The singular goal of both teams, of course, is to ensure that the application works as it is intended to, with no defects, bugs, bad coding, or unintentional back doors. Even if your organization deploys highly effective and manageable application quality and issue management solutions—such as HP Quality Center and/or JIRA software—there is a good chance your developers and QA staff are manually inputting defect information into dual systems and using multiple tools that do not communicate with each other. As a result, they are expending a large amount of time, resources, and manpower that could be put to more productive uses. Plus, inputting information manually raises the risk of error—not to mention the possibility of less-than-optimal collaboration between your two “hands.”



And if your large organization is like most, you develop and test hundreds—perhaps even thousands—of applications every year. That means your communication issues are magnified exponentially.

With the JIRA Bridge for HP Quality Center from Orasi Software, your development and QA teams can now automatically synchronize defect information between JIRA and HP Quality Center accurately and easily. Orasi JIRA Bridge for HP Quality Center enables a true collaboration between teams by seamlessly coordinating issue information while providing them with the flexibility to use the tools that best fit their needs. The result: you save time, money, and effort—while promoting better business outcomes.

JIRA

JIRA, developed by Atlassian, is a developer-focused application that combines issue tracking, agile project management, customizable workflow, and a pluggable integration framework. Designed to accelerate your application development projects, JIRA prioritizes, assigns, tracks, reports, and audits development issues—from software bugs to help-desk tickets. Developers can focus on their open issues and also share information with other developers. JIRA is used by thousands of organizations of all sizes and types in more than 100 countries to track and manage the issues and bugs that arise during development.

HP Quality Center

HP Quality Center is an industry-leading quality management software solution that lets you efficiently and effectively manage and execute the multitude of test cases needed to fully test an application. It adds structure to your testing process by enabling high levels of communication and collaboration among geographically distributed testing teams. HP Quality Center has several modules—requirements management, release and cycle management, test plan, test lab, defects management, and dashboard reporting—that are seamlessly integrated to allow for the smooth flow of information across testing stages. Because HP Quality Center is Web-based, approved users can access critical project information—all of which is stored in a central repository—regardless of geographic and organizational boundaries.

Orasi JIRA Bridge for HP Quality Center

Orasi Software, which developed the JIRA Bridge for HP Quality Center, helps you successfully implement and integrate software testing environments to reduce the cost and risk of software failures. Orasi has more than 15 years of experience working with HP testing tools, and more than 300 combined staff years of process-related and product-oriented QA experience.

Life without the JIRA Bridge

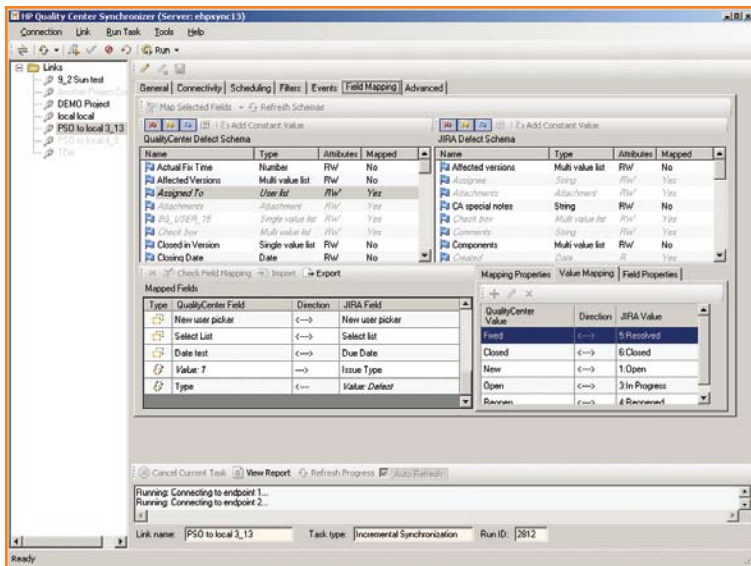
When it comes to achieving the highest levels of quality and efficiency in the application development process, effective communication between your development and QA teams is an imperative. But because the two teams use different tools during the development and testing lifecycles, the sharing of critical information is often done manually. These manual processes are prone to error, are difficult to manage, and add time and labor—all of which can delay if not halt your development projects.

Without the JIRA Bridge, it is highly likely that it will take twice the effort to manually enter defect information when an issue arises: once into JIRA and once into HP Quality Center. Not only are you doubling your work—you are also creating the potential for human error. And then there are the issues of managing, synchronizing, auditing, and reporting this vital information, which are exacerbated if you are outsourcing any of your work.

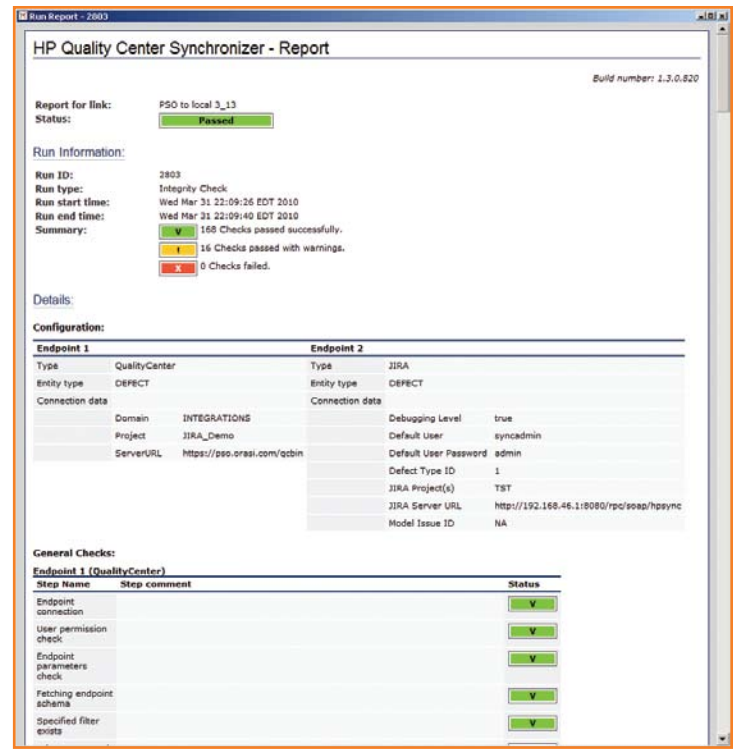
Ask yourself these questions. Do you want to:

- Automatically synchronize defect information between your QA and development teams?
- Give both your development and QA teams the flexibility to use the tools that best fit their needs?
- Provide both teams with a complete view of a defect issue's status?
- Improve communication, quality, and efficiency?
- Gather valuable metrics without burdening your team with additional work?

If you answer “yes” to any of these, then you should consider incorporating the Orasi JIRA Bridge for HP Quality Center into your application development processes.



The JIRA Bridge rules editor and admin console allow users to create customizable business rules to define field mappings and manage the integration schedule, rules, and field mappings.



The JIRA Bridge integrity report allows users to validate the field definitions, data types, and workflow business rules.

How the Orasi JIRA Bridge for HP Quality Center can improve your application development processes

The Orasi JIRA Bridge for HP Quality Center is an enterprise-class integration solution that enables organizations to harness the full potential of JIRA and HP Quality Center software because it synchronizes defect information between the two tools. This bridge enables your QA and development teams to collaborate efficiently by coordinating all issue information between the teams. Equally important, it provides both teams with the flexibility to use the tools that best fit their needs.

The Orasi JIRA Bridge for HP Quality Center manages the sharing of information with your development team by automatically creating JIRA issues when test cases fail during test cycles—without placing an extra burden on your team. Plus, it enables you to gather metrics on your full lifecycle issue resolution process to drive the stability and reliability of release cycles.

The true value of the JIRA Bridge is that once a defect is revealed in either JIRA or HP Quality Center, the defect will follow the established, customized workflow for that tool and automatically synchronize with the other. This automated synchronization allows both teams to always know the defect's status. For example, once an issue in JIRA is resolved, the JIRA Bridge will notify the QA team through HP Quality Center to determine when it is resolved, and when it needs to be retested and closed. The JIRA Bridge seamlessly provides critical information to the development team on defects that were detected during testing. This information can include environmental information, steps to reproduce what happened, and even screen shots or a movie to illustrate to the development team what happened and how it happened. The JIRA Bridge is also especially useful when it is combined with automated testing—seamlessly providing regression information to the development teams.

Why Orasi JIRA Bridge for HP Quality Center?

With the JIRA Bridge, your QA teams can work in their preferred application testing environment, and automatically exchange defect data with the development team—thus promoting quicker resolution times. By providing a complete view of the application testing process to both teams, the Orasi JIRA Bridge for HP Quality Center enables effective communication and collaboration. Orasi JIRA Bridge for HP Quality Center lets you:

- Create seamless and fluid program management of your application development processes
- Establish valuable metrics by unifying the data between your development and QA systems
- Minimize the manual cross-referencing of defects and the manual recording of defect status between JIRA and HP Quality Center

About Orasi Software

Orasi Software, an HP Software Platinum Business Partner and the HP Software & Solutions Support Partner of the Year for 2009, is a leading provider of software testing services using HP test management and automation technologies. Orasi offers four integrated service areas designed to accelerate your ROI:

- Implementation Services, which provide faster project start-ups, faster learning through mentoring, and longer skills retention based on a paced delivery approach
- Application Testing Services, which provide faster delivery time to market, quality products, and improved processes

- Flexible Resourcing Services, which reduce capital and operating costs with the right number of resources, reduce risk through resources with the right skills, and increase efficiency with experienced and knowledgeable resources
- Customer Support Services, which provide faster adoption of HP software solutions, faster response to issues, and faster resolution to minimize downtime

About HP Quality Assurance

Software application testing can no longer be conducted efficiently through manual methods. HP Quality Assurance offerings allow your IT organization to catch defects and correct them earlier in the application lifecycle so you can hit the “Go Live” button with confidence. In addition, with sophisticated requirements management, test management, and business process testing capabilities, HP helps you simplify and control software quality assurance projects more effectively. With HP Quality Assurance solutions, you can easily manage quality through the entire application lifecycle.

To learn more

For more information about HP Quality Center or Orasi JIRA Bridge for HP Quality Center, please contact your HP or Orasi sales representative, or visit:

www.hp.com/go/qualitycenter

www.hp.com/go/quality

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