

Requirements integration with bug tracking and issue management

IRQA Integration with Altassian JIRA

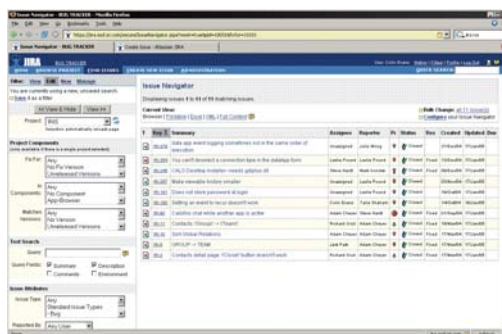
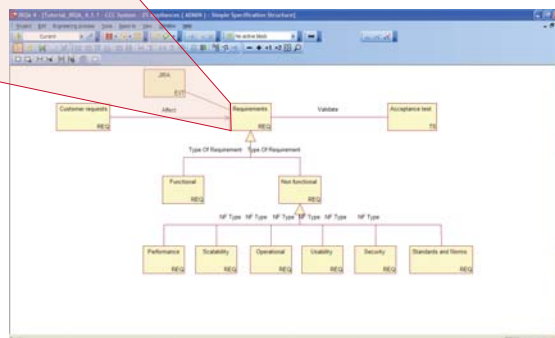
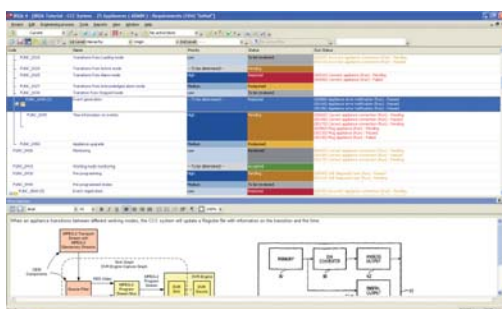
Streamline your process using specialized solutions for RDM, Bug Tracking and Issue Management

Requirements are close related with bugs and issues, as both could be source of requirements or at least, sources of changes in requirements. Keeping traces between these elements and requirements helps to know the reason of changes and also helps in performing change impact analysis along with effort and time estimations.

The integration between IRQA and JIRA provides analysts and QA a tool to manage and control their issues, requests, bugs and the communication between these artifacts and requirements, that is, a tool to help them build better quality systems.

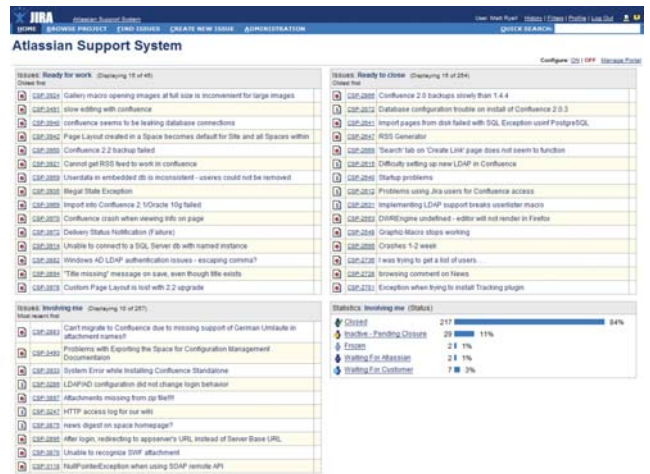
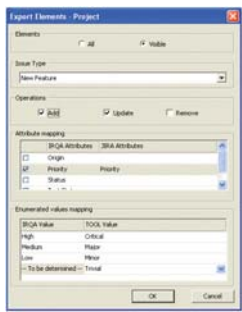
Increase success using an integrated environment for Requirements Definition and Management and Bug and Issue tracking

The integration between IRQA and JIRA will allow IRQA to establish and control traceability between the system requirements and requests managed in IRQA and the Issues and tasks managed by JIRA. The integration will be used to keep traces between issues and bugs and requirements and other analysis elements, to follow the status of those issues based on the requirements implementation and to gather new issues and bugs from the tests executions among other.



1. Exporting requirements from IRQA to JIRA

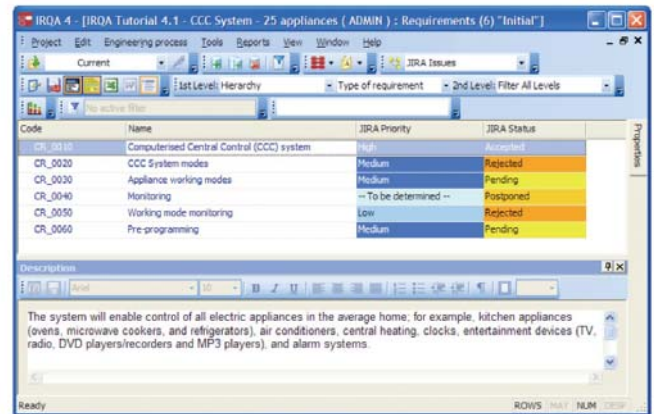
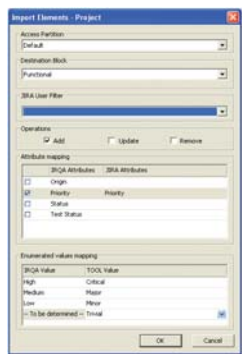
Through the integration, users are able to export requirements from IRQA to JIRA, these elements may be created there as any type of issue (bug, requests, etc.) and of course, each requirement is exported along with their attributes, that may be mapped with JIRA attributes or custom fields. The synchronization process allow users to specify if they want to create new elements, update the exiting ones or delete those that no longer exist.



Issues in JIRA, synchronized with Requirements in IRQA.
Issues can be created in JIRA directly or in IRQA, and imported afterwards

2. Importing issues from JIRA to IRQA

Not only exporting requirements is possible but also importing issues into IRQA. These issues may be assigned to any block, crating different types of elements. Additionally, issues may be imported along with their custom fields and attributes which may be mapped to IRQA attributes. The synchronization process allow users to specify if they want to create new elements, update the exiting ones or delete those that no longer exist.



Requirements in IRQA, synchronized with Issues in JIRA.
Elements are updated and user defined attributes take the value established in JIRA.

INTEGRATION BENEFITS

Provides an integrated environment for teams to work with requirements, bugs and issues.

Helps analysts and QA build better quality systems, tracking elements throughout the lifecycle.

Assits in performing change impact analysis along with effort and time estimations, keeping traces between these elements and requirements and helping to know the reason of changes.

Allows establishing and controlling traceability between the system requirements and requests managed in IRQA, and the Issues and tasks managed by JIRA.

Communicates the follow up of the status of those issues based on the requirements implementation.

Gathers new issues and bugs from the test executions defined in IRQA.