DATASHEET

JIRA Integration with IBM Rational DOORS NG

The integration of JIRA with IBM Rational DOORS NG brings transparency in the application delivery ecosystem.

The product management teams get complete visibility into the progress of development work, and the development teams have direct access to the customer requirements and any changes/enhancements made to the requirements.

Integration overview

In an Application Lifecycle Management (ALM) ecosystem, the choice of systems and the collaboration between the cross-functional teams play a great role. While the choice of systems impacts the productivity of a team, the cross-functional collaboration helps the teams get complete context of the business requirements.

Best-of-breed systems such as IBM Rational DOORS NG and JIRA bring rich functionalities to the ecosystem. By integrating IBM Rational DOORS NG and JIRA, the development teams will have real-time visibility into business requirements, and the product management teams will be able to trace all user stories and test cases associated with the requirement. As the overall collaboration in the ecosystem would increase, enterprises will deliver better quality products to customers at a faster pace.

How JIRA - IBM Rational DOORS NG integration is beneficial for an enterprise

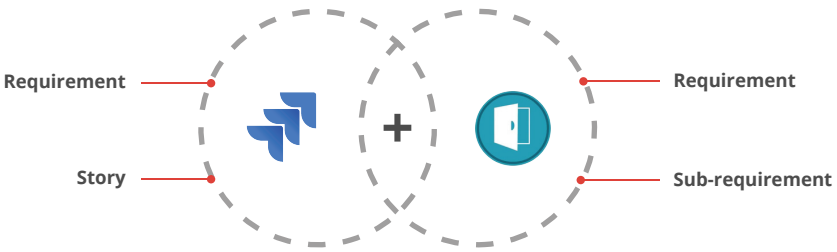
- Track the estimated and actual development effort
- Trace the requirement breakdown completely - access the features, tasks, sub-tasks associated with the requirement
- Get complete context of the business requirement and receive real-time updates when there is a change in the plan
- Coordinate on the delivery timelines seamlessly with concurrent updates on changes
- Get full traceability into the Quality Assurance (QA) reports from both systems

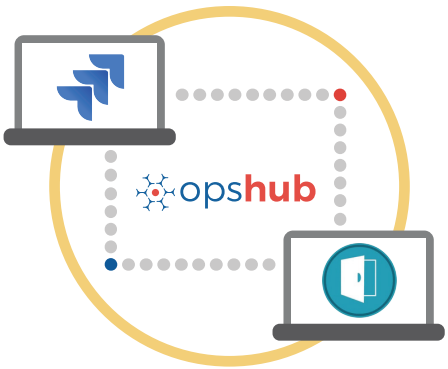
With JIRA + IBM Rational DOORS NG integration, enterprises can:

- Make better and faster decisions
- Accelerate speed of delivery
- Ensure complete traceability of a 'requirement'
- Ensure quality delivery in stipulated time
- Leverage the best of functionality and collaboration in the delivery ecosystem

How OpsHub Integration Manager integrates JIRA and IBM Rational DOORS NG

OpsHub Integration Manager integrates IBM Rational DOORS NG and JIRA bi-directionally. It ensures that all historical and current data is available to each user, in that user's preferred system, with full context, in real-time. All 'requirements' from IBM Rational DOORS NG automatically synchronize to JIRA and all the details associated with the 'requirement' synchronize back to IBM Rational DOORS NG.





Entities that can be synchronized between JIRA and IBM Rational DOORS NG

The popularly synchronized entities between JIRA and IBM Rational DOORS NG are on the left:

Benefits of integration for JIRA and IBM Rational DOORS NG users

JIRA users	IBM Rational DOORS NG users
Complete context of the business requirements	Traceability for business requirements throughout the ALM tool chain
Real-time updates for any changes to the require-ments or delivery timelines	Visibility into the progress of development work
No manual efforts needed to keep product management teams updated on the development status	No dependency on manual communication for making business decisions

Features of OpsHub Integration Manager

Supports unidirectional as well as bi-directional synchronization between 50+ systems

Allows traceability between code to requirement, tickets to defects, and many other entities

Can be hosted by OpsHub, installed on-premise, or deployed in a customer cloud

Maintains complete history and audit trail among integrated systems

Provides a robust failure management and recovery mechanism

Pre-requisites to run OpsHub Integration Manager

Supported Operating Systems

Windows

- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2 (64 bit)

Linux

- RHEL 5.2 + (64 bit)
- RHEL includes Cent OS and Fedora

Tested on the following versions:

- CentOS release 5.5 (Final)
- CentOS release 5.6 (Final)
- CentOS Linux release 7.1.1503 (Core)
- Fedora 20

Database Prerequisites

The underlying database should be installed to install and run OpsHub Integration Manager. The database user created for OpsHub Integration Manager should have schema level and read write privileges.

- MySQL Server
- MS SQL
- Oracle
- HSQLDB