

IBM Rational DOORS Next Generation (NG) Integration with JIRA

The integration of IBM Rational DOORS NG with JIRA ensures complete visibility into how each requirement is progressing through the application development lifecycle.

With this integration, the product management team can track the development of each requirement and the development team can have real-time access to any updates/changes made to a scheduled requirement.

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 brings in collective wisdom to take better decisions, faster. Best-of-breed systems such as IBM Rational DOORS NG and JIRA bring rich functionalities to the ecosystem. With the integration of IBM Rational DOORS NG and JIRA, there will be real-time visibility into business requirements and product development for both development and product management team.

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

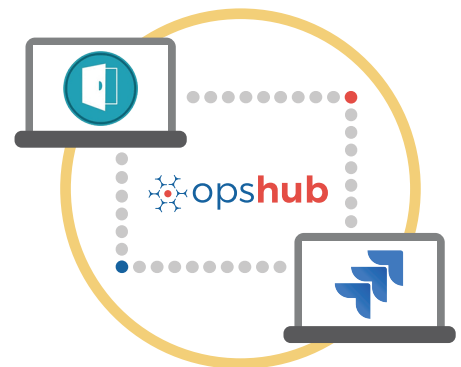
- Track the estimated and actual development effort
- Trace the requirement breakdown completely – access the features, tasks, sub-tasks associated with the requirement
- Get complete context of the business requirement and receive real-time updates when there is a change in the plan
- Coordinate on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

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

- Make better and faster decisions
- Reduce time-to-market
- Ensure complete traceability of all requirements
- Ensure quality delivery in stipulated time
- Leverage best-of-breed tools without compromising on collaboration

How OpsHub Integration Manager integrates IBM Rational DOORS NG and JIRA

OpsHub Integration Manager provides bi-directional integration between IBM Rational DOORS NG and JIRA. 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. This integration also helps product teams in development schedule and effort estimation.

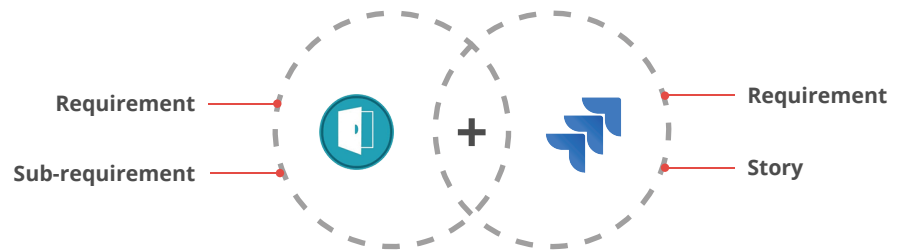


Supported Versions

| IBM Rational DOORS NG | JIRA |
|------------------------------|---|
| 9.1, 9.2, 9.3, 9.4, 9.5, 9.6 | <ul style="list-style-type: none"> • 4.0 and Above (except 4.4), 5.0*, 6.0*, 7.0* (Till 7.4.1) • Sprint Entity (Agile version 6.7.7 and above). • Version 4.x and 5.x Requires OpsHub Professional Services. |

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

The popularly synchronized entities are:



Benefits of integration for IBM Rational DOORS NG and JIRA users

IBM Rational DOORS NG users

- Traceability for requirements throughout the application lifecycle
- Visibility into the progress of development work: status and effort details
- Reduced dependency on manual communication for business decision making

JIRA users

- Access to the business requirements within JIRA and real-time update for any changes, enhancements
- Complete view into the business goals and targets
- Automatic synchronization of requirement status to IBM Rational DOORS saves time for JIRA user

Features of OpsHub Integration Manager



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



Facilitates complete traceability for workitems and non-workitems out of the box



Uses comprehensive mapping templates to maintain high fidelity of data and preserve the context of information in the integrated systems



Maintains complete history and audit trail among integrated systems



Provides robust failure management and recovery mechanism



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

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