

IBM Rational DOORS Integration With ClearQuest

The integration between Rational ClearQuest and Rational DOORS helps bring transparency in the application delivery ecosystem. With this integration, it is easier for the customer-facing (product & customer service), development, and Quality Assurance (QA) teams to collaborate with each other. This, in turn, helps in delivering a high-quality product to customers at a faster pace. This integration supports an efficient, configurable, requirements-driven development process that lets users easily implement best practices and facilitate compliance.

Integration overview

In an Application Lifecycle Management (ALM) environment, the choice of systems and the collaboration between the cross-functional teams play a great role in delivering quality solutions. 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 DOORS and ClearQuest bring rich functionalities to the ecosystem. By integrating DOORS and ClearQuest enterprises can keep the product management, development, and QA teams in sync to focus on the quality of the deliverable and accelerate the product development cycle.

How IBM Rational DOORS - ClearQuest integration is beneficial for an enterprise

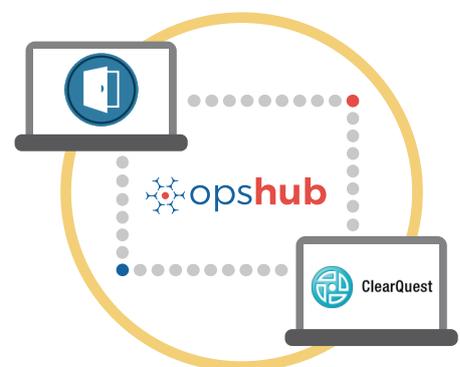
- Trace the requirement breakdown and associated test cases/defects
- Get complete context of the business requirement and receive real-time updates when there is a change in the plan
- Get full traceability into the Quality Assurance (QA) reports

With IBM Rational DOORS + ClearQuest integration, enterprises can:

- Make better and faster decisions
- Enhance collaboration between customer facing and QA teams
- Ensure complete traceability of a 'requirement'
- Ensure quality delivery in stipulated time
- Leverage best-of-breed tools without compromising on collaboration

How OpsHub Integration Manager integrates IBM Rational DOORS and ClearQuest

OpsHub Integration Manager integrates DOORS and ClearQuest 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 DOORS automatically synchronize to ClearQuest and all the defects associated with the 'requirement' synchronize back to DOORS.

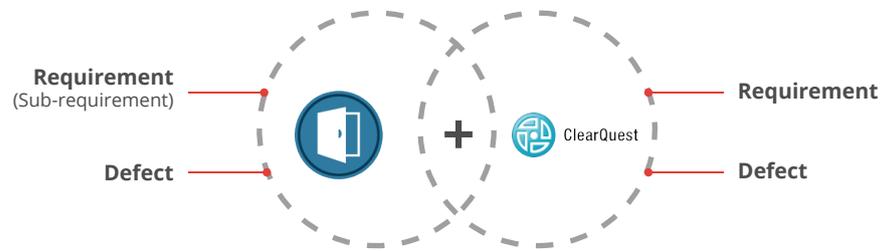


Supported Versions

IBM Rational DOORS	ClearQuest
9.1, 9.2, 9.3, 9.4, 9.5, 9.6	7.1.2, 8.x

Entities that can be synchronized between IBM Rational DOORS and ClearQuest

The popularly synchronized entities are:



Benefits of integration for IBM Rational DOORS and ClearQuest users

IBM Rational DOORS users

Traceability for business requirements throughout the ALM tool chain

Visibility into the quality of how the change management is progressing

No dependency on manual communication for making business decisions

ClearQuest users

Access to the business requirements, development status, and associated updates from within ClearQuest

Complete context of the customer requirements and priorities

No manual efforts needed to keep product management teams updated on the QA cycle and reports

Features of OpsHub Integration Manager



Unidirectional as well as bi-directional synchronization



Full history and audit trail for integrated systems



Complete traceability of work items as well as non-work items



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