

# Subversion Integration with IBM DOORS

The integration of Subversion with IBM DOORS (Both DOORS and DOORS NG) ensures completely traceability of all work-items. With this integration, the product management team can easily track commit trends and volume.

## 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 and Subversion bring rich functionalities to the ecosystem and make the work of the product and development team easier.

With Subversion and IBM DOORS (Both DOORS and DOORS NG) and Subversion integrated within the ecosystem, the product development has real-time visibility into the commits made by the development team. It is also easier for them to enforce authentic commits against each work item and access the changes/edits made to the commits from IBM DOORS itself.

## How OpsHub Integration Manager integrates Subversion and IBM DOORS

OpsHub Integration Manager integrates IBM DOORS and Subversion 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 the details related to a commit made against a work-item in IBM DOORS (Both DOORS and DOORS NG) can be tracked from IBM DOORS itself. For example, for each commit that development team makes in Subversion, Subversion synchronizes a 'commit entity' linked to the specific requirement id back to IBM DOORS. Each 'commit entity' includes information such as 'who did the commit?', 'when was the commit done?', and 'which part of the code was committed?'

## How Subversion + IBM DOORS integration is beneficial for an enterprise

- Track commit volume, track commit trends and edits/changes to commit files in real time
- Enforce authentic commits to make sure each commit is happening against a scheduled and open workitem

## Commonly synchronized entities between Subversion and IBM DOORS



## Benefits of integration for Subversion and IBM DOORS users

Subversion users	IBM DOORS users
Each commit can be traced back to its respective workitem at any given point in time from Subversion itself	Complete traceability from IBM Rational DOORS to source code in Subversion
Enforced checkpoints ensure that no mandatory steps/checks are missed while making a commit – this leads to high success rate for commits	Visibility into the progress of development work, the volume and quality of commits made with full context, in real-time
	Reduced dependency on manual communication to track the completion of a task

## Features of OpsHub Integration Manager



Bi-directional sync with conflict resolution



Support for the largest number of entities



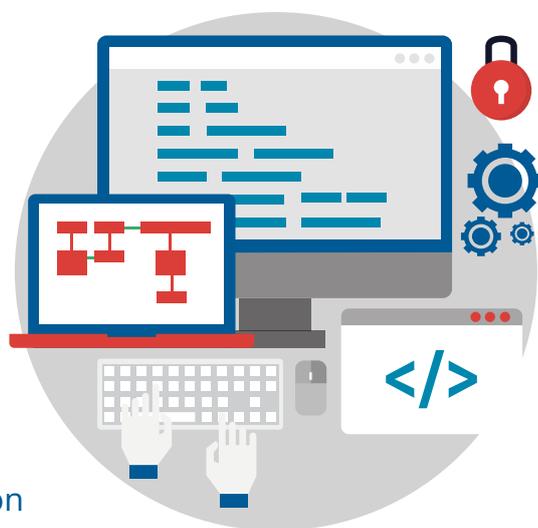
Database-class reliability and recovery



Support from 50+ systems and growing



History preservation and Process customization



## Pre-requisites to run OpsHub Integration Manager

### Supported Operating Systems

#### Windows

- Windows Server 2008 R2 and above (64 bit)

#### Linux

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

#### Database:

- MySQL Server, MS SQL, Oracle, HSQLDB

### Supported System Versions



For the latest supported versions of the systems mentioned in the datasheet, refer [here](#).