

Bugzilla Integration with Jenkins

The integration of Bugzilla and Jenkins helps bring automation in the delivery ecosystem. With Bugzilla and Jenkins automation, teams can cut down on manual efforts and put automated quality checks and trigger builds on defined conditions. With this kind of automation, it becomes easier for organizations to deliver quality products, faster.



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 in delivering quality solutions. While the choice of systems impacts the productivity of a team, the cross-functional collaboration enhances seamless communication between teams to take better decisions, faster.

By integrating Bugzilla and Jenkins, enterprises can diminish collaboration barriers that otherwise lead to quality issues, delivery delays, and financial loss.

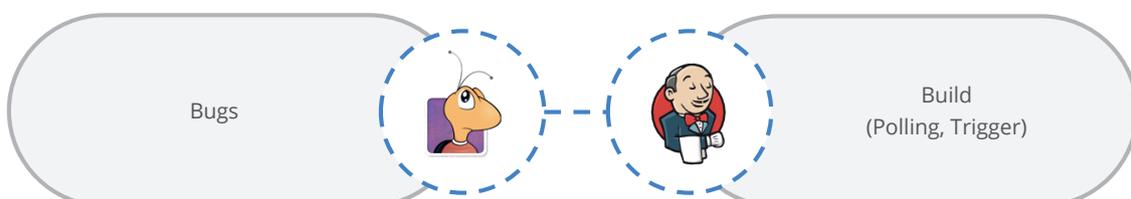
How OpsHub Integration Manager integrates Bugzilla and Jenkins

OpsHub Integration Manager integrates Bugzilla and Jenkins bi-directionally. It ensures that all build results are synchronized from Jenkins to Bugzilla and a new build is triggered when a bug is resolved. With Bugzilla and Jenkins integration, QA team can plan to run specific regression suites after a bug completion. So, when the bug is marked as 'complete' in Bugzilla, the execution of the corresponding regression suite is triggered in Jenkins.

How Bugzilla – Jenkins integration is beneficial for an enterprise

- Pre-commit validation checks ensure quality check-in
- Automatic build trigger ensures less manual effort and less manually-induced mistakes

Commonly synchronized entities between Bugzilla and Jenkins



Benefits of integration for Bugzilla and Jenkins

Bugzilla users

Jenkins users

Complete traceability for a bug	Saves manual effort
Pre-commit validation checks ensure correct bugs are being checked in	Easy to collaborate with the backend team on build results

Features of Opshub Integration Manager



Bi-directional sync with conflict resolution



Support for the largest number of entities



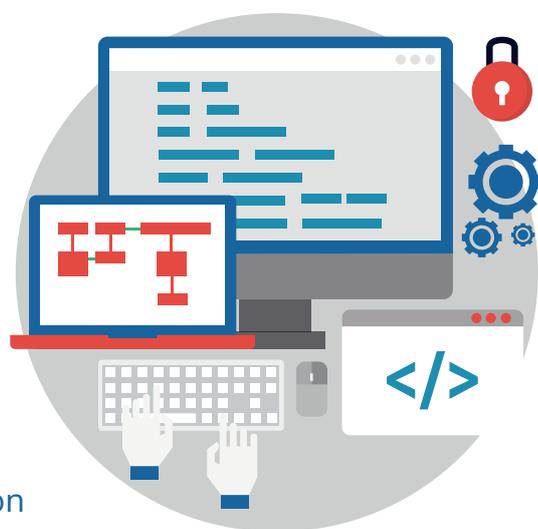
Database-class reliability and recovery



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](#).