




Bug Tracking tools:

A bug tracking system is a software application that is designed to help quality assurance and programmers keep track of reported software bugs in their work.

Some of the best bug tracking tool in software industries are:

	<p>BugZilla is a popular bug tracking tool. These tool is an open source software and provides some great features like</p> <ul style="list-style-type: none">• E-mail notification for change in code• Reports and Charts• Patch Viewers• List of bugs can be generated in different formats• Schedule daily, monthly and weekly reports• Detect duplicate bug automatically• Setting bug priorities by involving customers• Predict the time a bug may get fixed
	<p>It is an open source bug tracking tool that integrates with SCM (Source Code Management System) too. It supports multiple platforms and multiple data-bases while for reporting purpose, Gantt charts and calendar are used. Redmine is a project management web application developed using Ruby on Rail framework. Some of the RedMine features include</p> <ul style="list-style-type: none">• Gantt chart and calendar• News, document and files management• SCM integration• Issue creation via e-mail• Multiple database support• Flexible issue tracking system• Flexible role based access control• Multilanguage support
	<p>JIRA is a commercial product and helps to capture and organize the team issues, prioritizing the issue and updating them with the project. It is a tool that directly integrates with the code development environments making it a perfect fit for developers as well. Due to its capability to track any kind of issues it is not just restricted to the software industry. It supports agile projects. It comes with many add-ons that make this tool more powerful than other tools</p>
	<p>Mantis main features include</p> <ul style="list-style-type: none">• Open source tool• E-mail notification• Supported reporting with reports and graphs• Source control integration• Supports custom fields

	<ul style="list-style-type: none"> • Supports time tracking management • Multiple projects per instance • Enable to watch the issue change history and roadmap • Supports unlimited number of users, issues, and projects.
	<p>HP ALM is a complete test management solution with a robust integrated bug tracking System within it. HP ALM's bug tracking mechanism is easy and efficient. It supports Agile projects too. It is an expensive tool and may not be very friendly with all the web browsers.</p>
	<p>IBM ClearQuest tracks, captures and manages any type of bugs. Like any other tool, IBM rationalquest also gives you all the advantage of bug tracking system. It support multiplatform, like HP-UX, Linux, Microsoft Windows operating system. It can improve visibility and control of software development projects.</p> <p>Main Features</p> <ul style="list-style-type: none"> • Integrating with other tools • Supports real time reporting and metrics • Increasing team collaboration
	<ul style="list-style-type: none"> ▪ The Trac is web based, open source software ▪ Trac system is developed by Edgewall Software ▪ Written in Python, Trac tightly integrates its bug tracking capabilities with its wiki system and a revision control system of your choice