Jira (software)
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Jira (ˈdʒiː.rəː/ JEE-rah)[5] (stylized JIRA) is a proprietary issue tracking product, developed by Atlassian. It provides bug tracking, issue tracking, and project management functions. Although normally styled JIRA, the product name is not an acronym, but a truncation of Gojira, the Japanese name for Godzilla,[6] itself a reference to Jira's main competitor, Bugzilla. It has been developed since 2002.[1] According to one ranking method, as of June 2017, Jira is the most popular issue management tool.[7]

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Description

According to Atlassian, Jira is used for issue tracking and project management by over 75,000 customers in 122 countries around the globe.[8] Some of the organizations that have used Jira at some point in time for bug-tracking and project management include Fedora Commons,[9] Hibernate,[10] Twitter,[11] Skype Technologies,[12] the NASA,[13] the United States Department of Defense,[14] and The Apache Software Foundation, which uses both Jira and Bugzilla.[15] Jira includes tools allowing migration from competitor Bugzilla.[16]

Jira is offered in three packages:

- **JIRA Software** includes the base software, including agile project management features (previously a separate product: Jira Agile)
- **JIRA Core** is intended at generic project management
- **JIRA Service Desk** is intended for use by IT or business service desks.

Jira is written in Java and uses the Pico inversion of control container, Apache OFBiz entity engine, and WebWork 1 technology stack. For remote procedure calls (RPC), Jira supports REST, SOAP, and XML-RPC.[17] Jira integrates with source control programs such as Clearcase, Concurrent Versions System (CVS), Git, Mercurial, Perforce,[18] Subversion,[19] and Team Foundation Server. It ships with various translations including English, French, German, Japanese, and Spanish.[20]

The main features of Jira for agile software development are the functionality to plan development iterations, the iteration reports and the bug tracking functionality.

Jira supports the Networked Help Desk API for sharing customer support tickets with other issue tracking systems.[21]
License

Jira is a commercial software product that can be licensed for running on-premises or available as a hosted application. Pricing depends on the maximum number of users.[22]

Atlassian provides Jira for free to open source projects meeting certain criteria, and to organizations that are non-academic, non-commercial, non-governmental, non-political, non-profit, and secular. For academic and commercial customers, the full source code is available under a developer source license.[22]

Security

In April 2010 a cross-site scripting vulnerability in Jira led to the compromise of two Apache Software Foundation servers. The Jira password database was compromised. The database contained unsalted password hashes, which are vulnerable to dictionary lookups and cracking tools. Apache advised users to change their passwords.[23] Atlassian themselves were also targeted as part of the same attack and admitted that a legacy database with passwords stored in plain text had been compromised.[24]

See also

- Comparison of issue-tracking systems

References
