

Eclipse Foundation Announces Release of Hudson 3.0

Press Release

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The Eclipse Foundation today announced the release of Hudson 3.0. Used around the world with more than 30,000 installations, Hudson is a [continuous integration \(CI\) server](#) used to significantly improve the software development process. Hudson increases productivity by coordinating and monitoring executions of repeated jobs, making it easier for developers to integrate changes to the project and for users to obtain a fresh build. Incorporating feedback from its community, Hudson 3.0 introduces important new functionality and simpler installation and administration for developers.

CI with automated test execution has seen broad adoption in recent years, changing the way companies look at Build Management, Release Management, Deployment Automation and Test Orchestration. A CI solution provides executives, business managers, software developers and architects a better sense of the development process and code quality of projects through the development lifecycle.

Hudson 3.0 highlights:

- * Plug-In Manager: Simplifies management and installation from a repository of over 400 existing plug-ins. It also enables the registration of custom plug-in repositories. Additional administrative settings give IT control over the range of plugins available to Hudson administrators.
- * Simplified installation: New self-installation and Bootstrap configuration enables configuration during first launch and just-in-time loading of non-Eclipse components.
- * Architectural improvements and abstraction layer: Hudson core scripting and charting layers have been abstracted to support different technologies such as Eclipse BIRT for charts.
- * Smaller footprint and Eclipse compliance: The size of Hudson footprint has been reduced by 50 percent. This was the result of the work to modernize and change the underlying libraries used in Hudson to meet Eclipse IP requirements. Libraries using GPL or LGPL licenses were removed, existing libraries were updated to the latest versions, and library redundancies were resolved.
- * Support and certification for top plug-ins: Ensures that the most frequently used Hudson plug-ins can integrate with the latest versions.
- * Improved look and feel: Web interface redesign using JQuery provides a more responsive user interface.

"The wide popularity of Hudson and the feedback from its vibrant community were the key drivers of this release," said Mike Milinkovich, executive director of the Eclipse Foundation. "All contributors to the project have also worked to ensure Hudson evolves into a scalable, reliable and high-performance continuous integration server for current and future users."

"With a strong and engaged ecosystem, Hudson continues to thrive, and Oracle's goal in moving the project to the Eclipse Foundation has expanded this even further," said Chris Tonas, vice president, Application Development Tools, Oracle. "Hudson 3.0 adds key capabilities that make continuous integration easier than ever to implement and manage while enhancing the overall environment for developers."

"Open source tools now dominate the CI landscape, and thanks to their extensibility, are becoming the key infrastructure component for orchestrating software delivery," said Mik Kersten, CEO of Tasktop a creator of the Eclipse Mylyn project. "Given the growing dependency that many organizations have on their investment in Hudson-based CI, today's 3.0 release is a great sign of the benefits of combining commercial investment with Eclipse's open source governance to create an enterprise-grade open source CI tool."

About the Eclipse Foundation

Eclipse is an open source community, whose projects are focused on building an open development platform comprised of extensible frameworks, tools and runtimes for building, deploying and managing software across the lifecycle. A large, vibrant ecosystem of major technology vendors, innovative start-ups, universities and research institutions and individuals extend, complement and support the Eclipse Platform.

The Eclipse Foundation is a not-for-profit, member supported corporation that hosts the Eclipse projects. Full details of Eclipse and the Eclipse Foundation are available at www.eclipse.org.