

Jenkins (continuous integration tool)

Notable Features

- Open-source (will continue to grow as developers' needs change)
- Wide community support
- Extensibility (will integrate with other tools)
- Easy configuration
- Can be distributed across multiple machines

Jenkins has extensive documentation on installation, however there are various steps that need to be done before it's installed correctly. The documentation is clear and easy to follow, but a user cannot simply click a download button and be ready to use. For example on macOS, Jenkins requires a Homebrew package to be installed, then the user will need to navigate to localhost:8080 and follow install instructions from there. Jenkins also has two versions that can be installed: LTS (stable) and Weekly (regular releases), which means a user will need to read through each documentation to see which will be the best fit for their project. Jenkins does provide a Guided Tour, this tour will walk the user through the basics. The Guided Tour is probably the best resource available for someone new to Jenkins or to continuous integration in general. There are also tutorials for users that are ready to start using their tools. The Guided Tour can be found at : <https://www.jenkins.io/doc/pipeline/tour/getting-started/> and the tutorials at: <https://www.jenkins.io/doc/tutorials/>

From what I could find Jenkins software has been around since 2007, but it was called Hudson back then. It was officially named Jenkins in 2011. Hudson and Jenkins are considered separate projects now. Jenkins GitHub has 700 project managers and is in active development. According to CloudBees, Jenkins is used by over 1 million users.

Raygun (real time error monitoring)

Notable Features

- Free trial (14 days)
- Real user monitoring
- Error and crash reports
- Performance monitoring with actionable data (will identify highest priority)
- Customizable dashboards

Raygun has easy to read documentation with step by step instructions for each language. Each language documentation has the code needed to install, users can just copy and paste. Each product also has its own documents, so if users want to dive deeper into performance monitoring they can simply read through the product's guide to get a better understanding of its features. Documentation can be found at: <https://raygun.com/documentation/>

Raygun is used by Microsoft, Coca-Cola, Target, Samsung, and others. Over one hundred thousand developers use it. They have been around since at least 2015 when they won an award for start-up of the year.