

GoCD is a continuous integration. It streamlines the build, automation, and deployments of complex build cycles. Its top USP is to enable plugins or design custom plugins for any requirements during the CI-CD process. It is compatible with Windows, OSX, AWS AMIs, Docker, Debian/APT, RPM/YUM, and Zip.

Key Features:

1. It is an opensource Continuous Integration server.
2. It allows the deployment of any preferable versions of applications
3. It easily configures the dependencies based on the last report and allows on demand deployments
4. There are numerous plugins available for this and can also be customised as per the requirement.
5. It re uses the pipeline configuration keeping the configuration organised with the help of its template system
6. The entire workflow can be tackled and watched with good tracking and feedback system allowing the developer to track changes from committing through deployment at a single place.

GoCD's website has a 'Test drive GoCD' link on the homepage that gives a quick overview of how it works. The instructions/set up is easy enough, if you already know the basics of continuous integration apps and what the objective/end result should be.

All you have to do is:

- a. Download and install GoCD
- b. Click the 'introduction to setting up your own GoCD server' link & follow the instructions.
- c. Install the server, based on your operating system, by following the instructions on the 'GoCD Server installation instructions' link.

GoCD has been around since 2007. GoCD doesn't seem to be the most popular. According to Datanyze (<https://www.datanyze.com/market-share/ci--319/gocd-market-share>), GoCD is ranked as the #11th software in continuous integration. It's markets share is 0.58% with more than 69 companies using this software.

Raygun is a user-centric tool that give you actionable insights into errors and crashes impacting your users. Raygun monitors your full tech stack in real-time, from client-side and server-side, to desktop and mobile.

Key features

1. See the exact line of code that caused an error
2. Monitor deployments to determine what caused a spike or decrease in error count
3. Full stack trace information and diagnostic details for every error occurrence or crash
4. Filter through your errors by date, time, version, tag, host, OS, browser, custom tags, and more
5. Reduce noise with configurable filters for machine name, version, IP address, hostname, and more
6. Groups errors by affected users (this also helps reduce noise)
7. 180-day data retention
8. Support for all major languages and frameworks
9. Easy setup using lightweight SDKs
10. Works seamlessly alongside Real User Monitoring and APM for full visibility into your users digital experience.

Raygun is quick to set up, only taking a few minutes.

- a. Get step by step instructions for installing Raygun with our [language guides link](#).
- b. Choose your language or framework and follow the step by step guides.

Raygun was founded in 2007. It seems to be very popular. Raygun's website states that they are used by companies such as: Coca-cola, Dominos, HBO, Microsoft, JustGiving and Automile.