

## **New Tool Research:**

- 1. Jenkins(Continuous Integration)**
- 2. Raygun(Real Time Error Monitoring)**

### **About Jenkins(Continuous Integration)**

#### **Feature:**

- CI/CD
- Open source
- Easy To installation & configuration
- Jenkins can easily distribute work,helping build,test and deploy across multiple platforms.
- Hosting : on premise & cloud
- Free version support for OS like windows, linux,mac,unix.

#### **Helpful links**

- [User handbook](#)
- [Resources](#)
- [Guidelines/pipelines](#)
- [public official Github repo](#)

#### **Learn more about jenkins:**

1. is an open source automation server.
2. The Jenkins project was started in 2004 (originally called Hudson)
3. Jenkins manages and controls software delivery processes throughout the entire lifecycle, including build, document, test, package, stage, deployment, static code analysis and much more.
4. market share of 71%
5. With over 1 million users,there are 1400+ plugins
6. You can setup Jenkins to watch for any code changes in places like GitHub or GitLab
7. Originally developed by Kohsuke for continuous integration (CI)

## **About Raygun (Real Time Error Monitoring)**

### **Feature:**

- Application performance Monitoring
- See the exact line of code that caused an error
- Support for all major languages and frameworks
- Error & Crash reporting
- Real user monitoring
- Deployment tracking & decrease in error count
- Customer Experience
- Works for Real Time user monitoring

### **Helpful links:**

- [Documentations](#)

### **Learn more about Raygun:**

- Raygun is a cloud-based networking monitoring and bug tracking application
- It is suitable for large and midsize organizations across a variety of industries and offers crash reporting, user monitoring
- Raygun also provides full stack application monitoring.