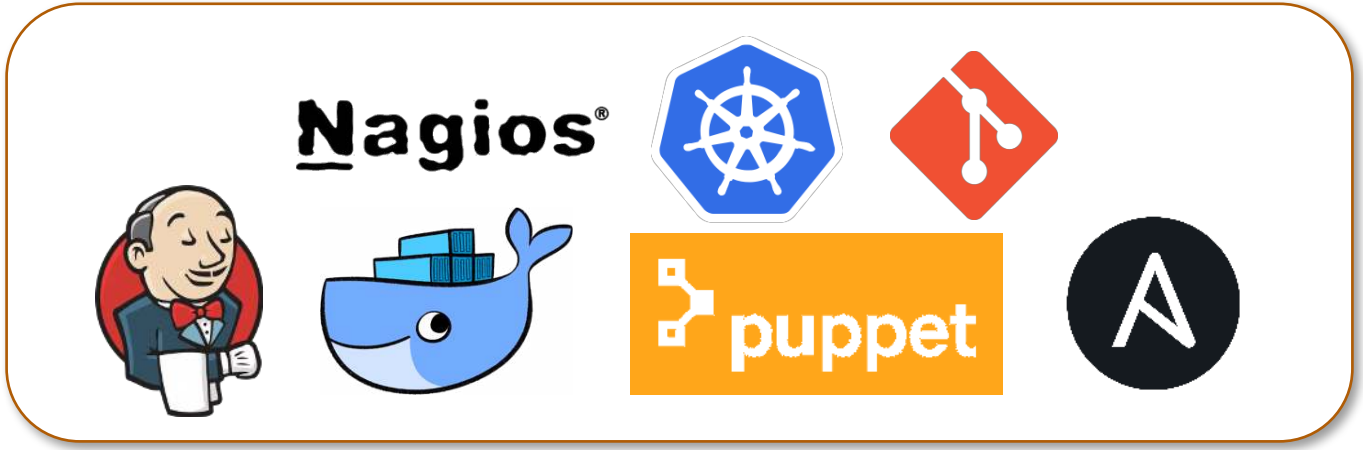
Devops Tools

DevOps Tools

We have discussed the Devops Methodology, but this methodology cannot be put into action without it's corresponding tools. Let us discuss the devops tools with their respective lifecycle stages



DevOps Tools

- Continuous Development
- Continuous Integration
- Continuous Deployment
- Continuous Testing
- Continuous Monitoring

Git is a distributed version-control system for tracking changes in computer files and coordinating work on those files among multiple people. It is primarily used for source-code management in software development, but it can be used to keep track of changes in any set of files

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Jenkins is an open source automation server written in Java. Jenkins helps to automate the non-human part of the software development process, with continuous integration and facilitating technical aspects of continuous delivery

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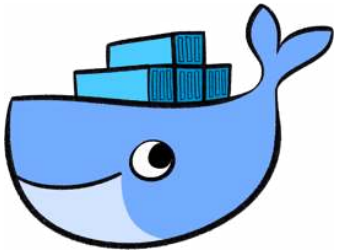
- **Continuous Deployment**
- Continuous Testing
- Continuous Monitoring

Continuous Deployment

Virtualization & Containerization



Configuration Management

DevOps Tools

- Continuous Development
- Continuous Integration
- Continuous Deployment
- **Continuous Testing**
- Continuous Monitoring

Selenium is a portable software-testing framework used for web applications. It is an open source tool which is used for automating the tests carried out on web browsers (Web applications are tested using any web browser).

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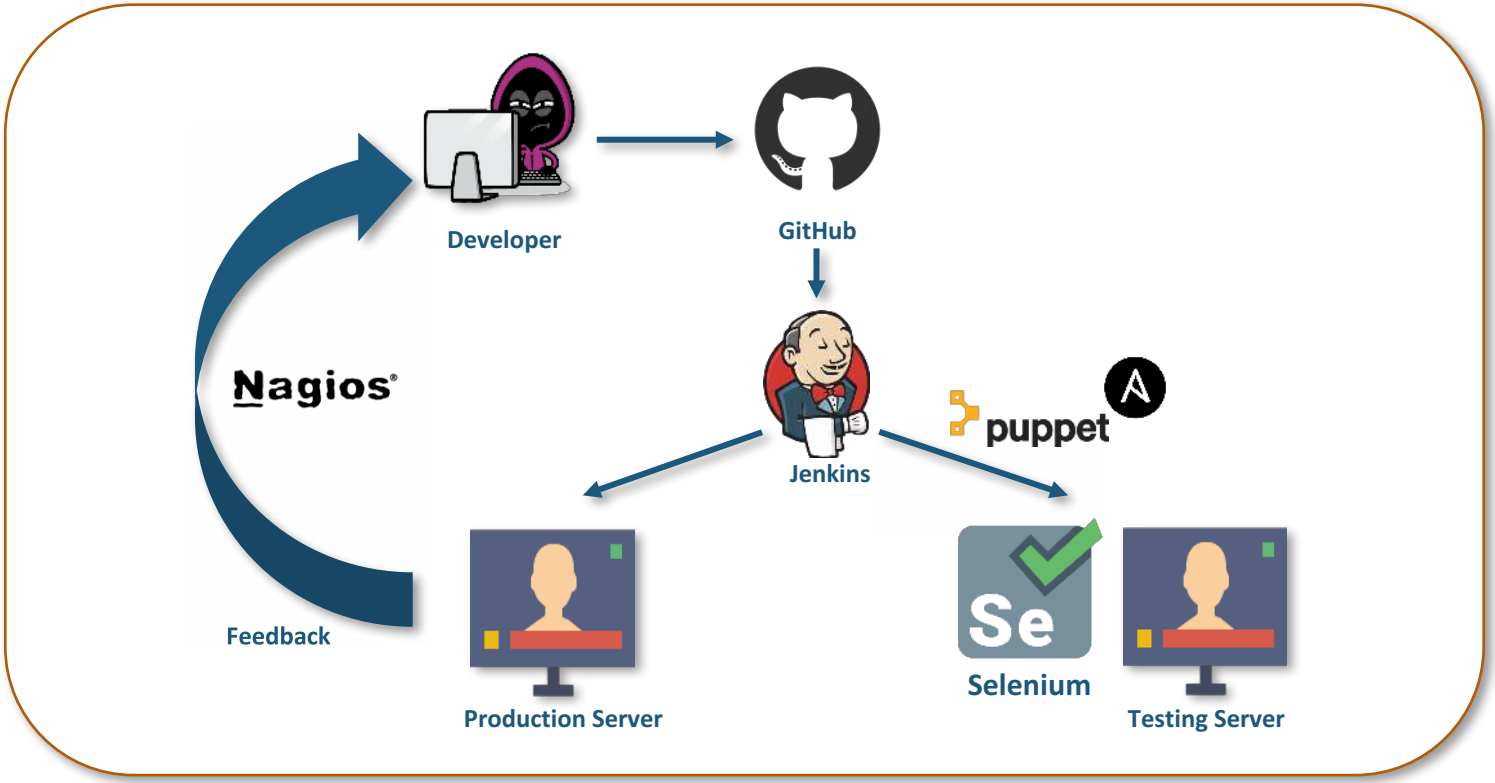
Nagios is an open-source devops tool which is used for monitoring systems, networks and infrastructure. It also offers monitoring and alerting services for any configurable event.

DevOps Tools



India : +91-7847955955

US : 1-800-216-8930 (TOLL FREE)

support@intellipaat.com

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