

JENKINS COURSE CONTENT

Introducing Continuous Integration and Jenkins

- Agile Development
- Continuous Integration
- History of Jenkins
- State of the Jenkins community

Installing and Running Jenkins

- Running Jenkins from the jar file
- Installing Jenkins in a servlet container
- Setup Security
- Email and Version Control
- Master/slave configurations

A Jenkins Job

- Creating a job
- Configure a job
- Run a job manually
- Run a job when source code is checked into version control
- Run a job on a regular schedule

Advanced Jenkins

- Monitoring External jobs
- Distributed builds
- File fingerprint tracking
- Using Jenkins for non-Java projects
- Matrix projects
- Splitting a big job into smaller jobs

Jenkins Plugins

- Change reporting
- Code coverage
- Static Analysis
- Performance reporting
- Style checking

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