Jenkins hands-on talk

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Jenkins overview & installation

Jenkins is an automation server.

We can use it to automate almost anything we need or want.

- Continuous integration jobs
- Continuous delivery jobs
- Ad-hoc jobs

Jenkins installer can be found for:

- Docker
- Kubernetes
- **Linux**
- macOS
- WAR files
- Windows

Single ad-hoc jobs

- Freestyle
- Pipeline (declarative)
- Pipeline from a git repository
- Multi-branch pipeline

Secrets management

Stores sensitive information:

- SSH Keys
- Certificates
- Passwords, Tokens

Jenkins slaves

- Static slave
- Global configuration tool
- AWS EC2 Auto-provisioning slaves
- Slack notifications

Jenkins pipelines

- Scripted vs Declarative

- Time for questions!