

Jenkins - Continuous Integration i nie tylko



Bogusław Klimas

Starszy Inżynier ds. oprogramowania

Agenda

O nas

Jenkins a co to?

Uruchomienie, instalacja

Administracja

Jenkins slaves

Jenkins & groovy

Jenkins jobs

Jenkins views

Jenkins dashboard

Plugins

Pytania

O nas

O mnie

Programuje w Javie od 10 lat

Jenkinsem zajmuje się od ~ 8 lat

Sygnity, Sii (Sabre)

Opiekun plugina git-parameter^a

^a<https://github.com/jenkinsci/git-parameter-plugin>

O Was

Każdy po kilka słów

Jenkins a co to¹

Elevator Pitch

Jenkins is an open source automation server which enables developers around the world to reliably build, test, and deploy their software.

Blurb

Jenkins, originally founded in 2006 as "Hudson", is one of the leading automation servers available. Using an extensible, plugin-based architecture developers have created hundreds of plugins to adapt Jenkins to a multitude of build, test, and deployment automation workloads. In 2015, Jenkins surpassed 100,000 known installations making it the most widely deployed automation server.

¹<https://jenkins.io/press/>

Jenkins kto za tym wszystkim stoi

Kohsuke Kawaguchi



Links

- ▶ <https://jenkins.io>
- ▶ <https://groups.google.com/forum/#!forum/jenkinsci-dev>
- ▶ <https://issues.jenkins-ci.org/>
- ▶ <https://wiki.jenkins-ci.org/display/JENKINS/Home>
- ▶ <https://stats.jenkins.io/>

cloudbees.



Początki bywają trudne



Uruchomienie, instalacja

► Instalacja z repozytorium

```
# dnf -y install jenkins
# systemctl enable jenkins.service
# systemctl start jenkins.service
JENKINS_HOME=/var/lib/jenkins
binaria: /usr/share/jenkins
log: /var/log/jenkins/jenkins.log
```

► Uruchomienie z war'a

```
$ java -jar jenkins.war
JENKINS_HOME=$HOME/.jenkins

$./jenkins.sh start|stop
```

Administracja vel Manage Jenkins

- ▶ Security
- ▶ Configure system
- ▶ ...
- ▶ repozytorium konfiguracji

Jenkins slaves

Jenkins & groovy czyli Scriptler

Jenkins jobs

- ▶ Freestyle project
- ▶ Maven project
- ▶ Pipeline

Jenkins views

- ▶ Build Pipeline View
- ▶ List View

Jenkins dashboard

- Build Monitor View

Plugins

- ▶ Hallo World
- ▶ Need Beer
- ▶ Calculator

Pytania

Pytania?

Dziękuję!