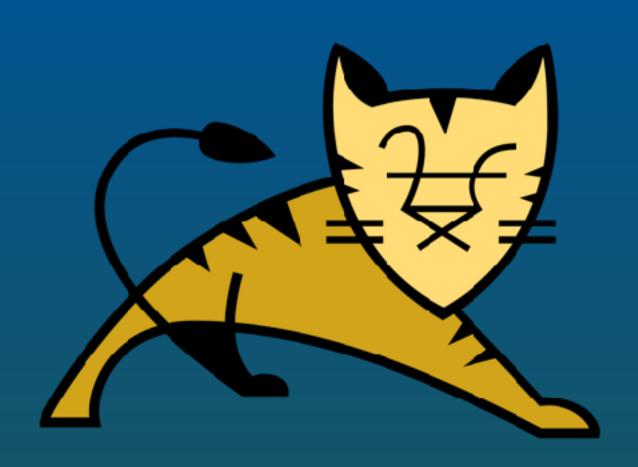




Web Deployment Web Engineering Prof. D. König



Deployment Option 1

grailsw war

upload war file to Java web server, e.g. Tomcat

Deployment Option 2

grailsw stage

upload self-starting application to a Platformas-a-Service (PaaS) provider, e.g. Heroku

gradlew stage

assembles the app distribution copies it ../heroku-up (this is the app to deploy)

Heroku



Sign up for free under heroku.com
Follow the installation procedure
Note the coordinates (git repo, URL)

Prepare Deployment

```
cd../heroku-up
heroku create // note the coordinates
git push heroku master
heroku ps:scale web=1
heroku open
```

Push a New Version

```
gradlew stage
cd ../heroku-up
git -am "my newest version ..."
git push heroku master
```

Validating via git

```
git status // have I committed all files?
git remote -vv // what remotes do I have?
```

Optional: Custom Domain

https://fhnw-webec.herokuapp.com

Web Atrocities

- Care for you data (download, backup)
- Data harvesting
- Data protection
- Forgetful data

Web Atrocities

- Denial of Service attacks, Spamming
- Proper Password handling, encryption
- Logging, Monitoring
- Localization formats, timezones, character encoding