



Web Deployment

Web Engineering

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Deployment Option 1

grails war

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

Deployment Option 2

grailsw stage

upload self-starting application to a Platform-as-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