Play Framework 2

Play Goals

- DX - Developer Experience

  - Fast turnaround

- Scalability

- (Really) Support HTTP

Play Background

- Web application framework

- Open source, Apache 2 license

- Guillaume Bort - creator and lead developer

- Initial release: 2008-02, 1.0: 2009-10

- http://www.playframework.org

Play 2

- Play 2.0 released 2012-03

- Re-written in Scala

- Templates in Scala instead of Groovy

- "Everything is compiled" - Including routes

- SBT as build tool (instead of Ivy)

Play

- `play new myapp`
- `play ~run myapp`
- app
  - controllers
  - models
  - views

Routing

- `conf/routes`
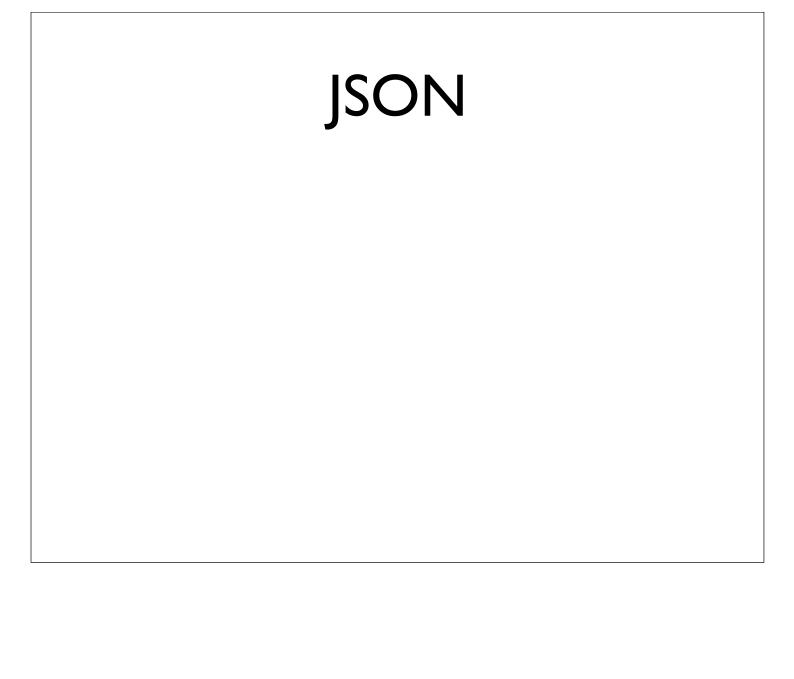
```
GET    /             controllers.Application.index(name : String ?= "Unknown")

GET    /guest        controllers.Application.index(name : String = "My Guest")

GET    /$id<[0-9]+>  controllers.Application.indexId(id : Long)

GET    /:name        controllers.Application.index(name : String)
```

Test

- Specs2
- Fluentlenium

Forms

- POST

  - application/x-www-form-urlencoded

  - JSON

- Form Helpers
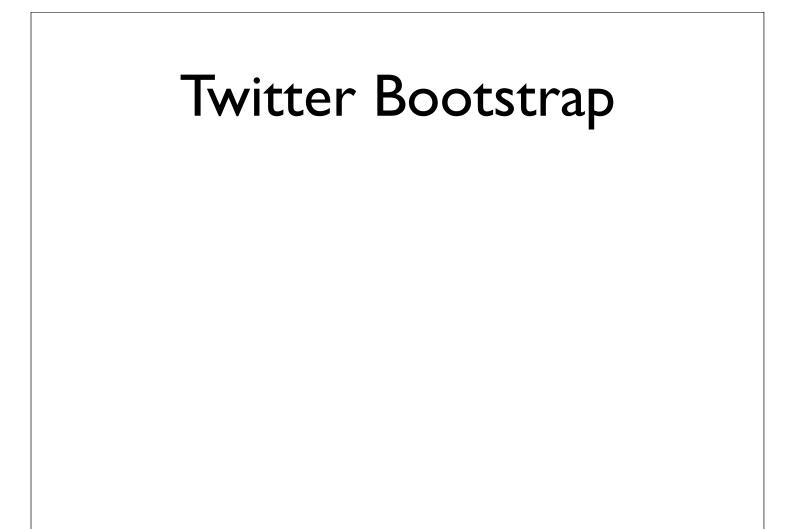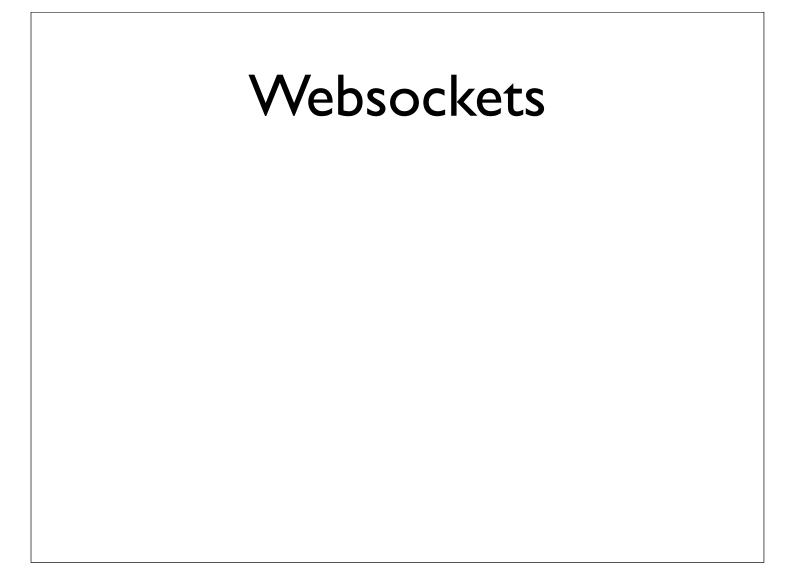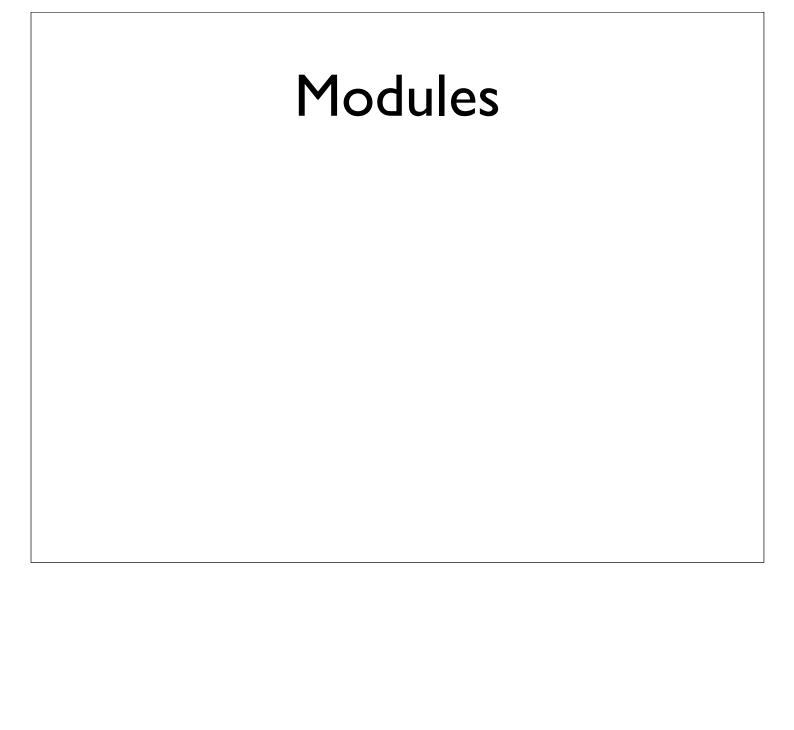
  - Play Standard

  - Twitter Bootstrap

JSON

Stateless

- Caching

- Session (cookie)

Databases

- Ebean

- Anorm

- Evolution

Twitter Bootstrap

Websockets

Modules

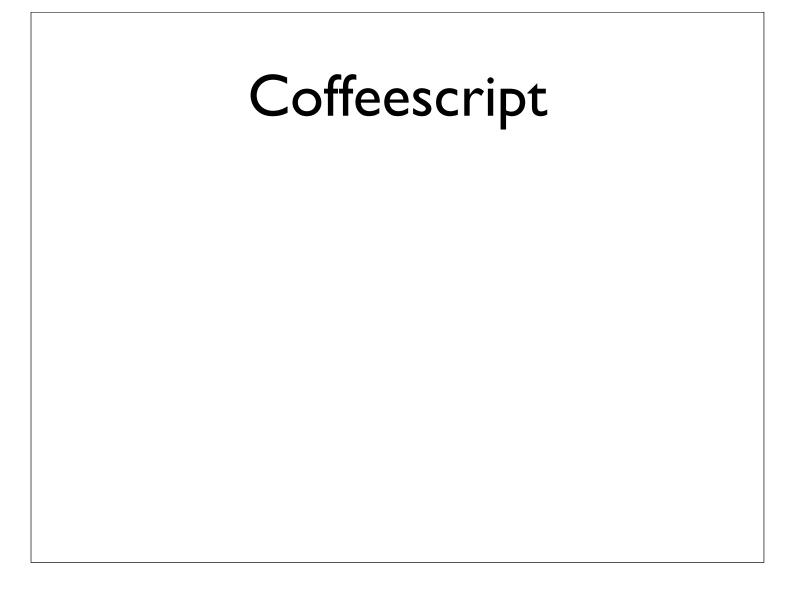# Interceptors

- Login

- Google login

- OAuth

Heroku

- Create a local git repo
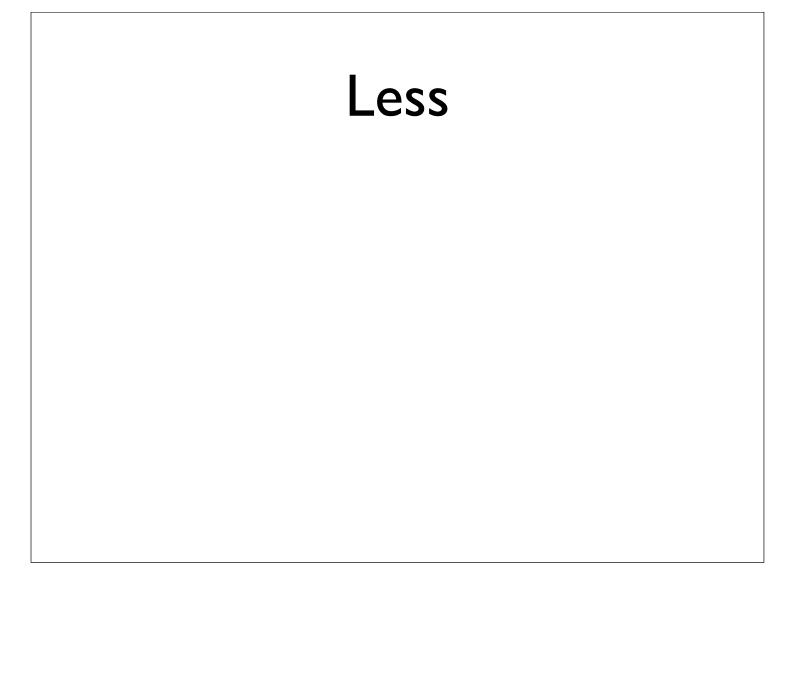
```
git init
git add .
git commit -m init
```

Heroku

- Sign up for Heroku
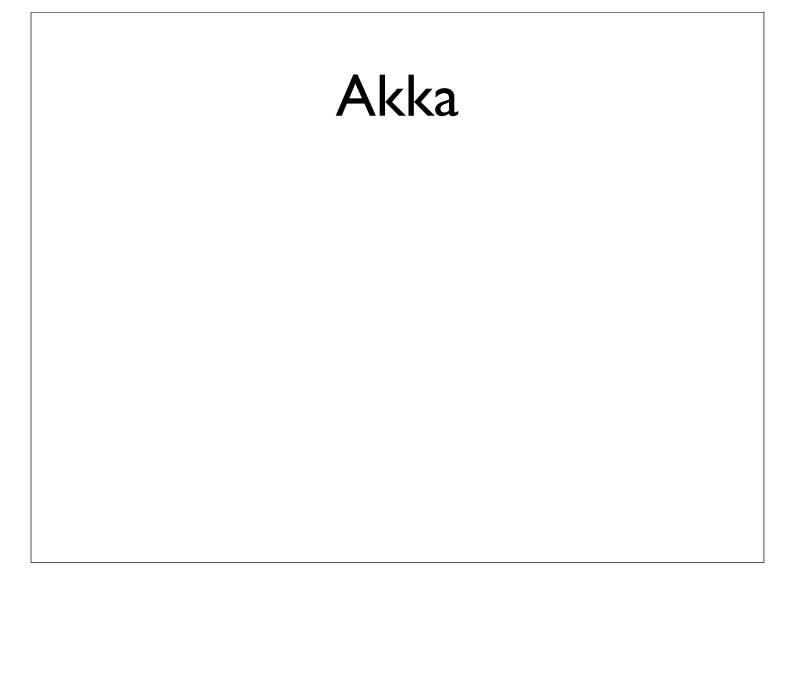
- Install Heroku Toolbelt

- Push to Heroku

```
heroku create -s cedar myapp
git push heroku master
```

Coffeescript

Distribution

- play dist

Less

Akka

Extra

- Generera router till JavaScript från Template