

# Play

for (Java | Scala)

**Preflight check**

**Introduction**

**Play by example**

**Bonus round**

# Preflight Check

Are you ready to play?

**Can computer?**

**Activator installed?**

**Java or Scala?**

**Pair up, make a new friend?**

# If you don't have Activator...

```
git clone \  
-b 00-starting-point \  
https://github.com/kouphax/pilcrows.git
```

# Introduction

Useful things to know

**Play 1 ≠ Play 2**

**Scalable by default**

**Opinionated (enough)**

**Full stack framework**

**Play by Example**

**CRUD in 10 easy steps**



# 1. Setting Up

## Project walkthrough

# 2. The Basics

## Controllers & Routes

# 3. Rendering Views

**Views, Layouts & Helpers**

# 4. Modelling

**Models end to end**

# 5. Evolutions

**Database migrations**

# 6. Data Access

**Querying the database**

# 7. Views Revisited

**More views, helpers & routes**

# 8. Form Helpers

**Form binding & validation**



# 9. The UD in CRUD

**Updates, deletes and more...**

# 10. Global Object

## Application lifecycle hooks

# Bonus Round

## Beyond CRUD-dome

**Testing**

**JSON & XML**

**Dependency injection**

**Asset compilation**

**WebSockets**

**Sessions**

**Content Negotiation**

**Others....**

**Play**

**koupfax/pilcrows**