



# Exploring enterprise java

## ...a lighter approach

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(Picture: "air" by fiddleoak, CC image from flickr )

# Who are we?



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(Picture: "hammertone time" by DryRot, CC image from flickr )

Isn't there

another way?

**Drop** **wizard**  
**Mongo** **DB**  
**j** **query**

<http://dropwizard.codahale.com/>

<http://www.mongodb.org/>

<http://jquery.com/>

**Dropwizard**  
**Jetty FreeMarker**  
**Jersey**  
**Jackson Metrics**  
**Logback/slf4j**  
**Guava**

# Why dropwizard?

- Developed by yammer
- “Historically not sucked”
- Production ready
- Good documentation
- Easy to set up and get going
- Reduces webserver overhead
- Great for lightweight webservice





# Why mongoDB?

- Well supported
- Accepted by the industry
- Lightening fast
- Good documentation
- No SQL
- Schema-less
- Easy to set up and get going
- Production ready





# Why jQuery?



- Well supported
- Accepted by the industry
- Good documentation
- Write less, do more
- Easy DOM manipulation
- Quick to set up and get going

# THE PLAN

(We love it when a plan comes together)

- Introduction
- Set up machines (we'll be pairing)
- Introduce the problem (stories we'll work on)
  - Introduce the technology required to complete story
  - Pair programming
  - Come together and share results
  - Repeat for the next story
- Recap
- Feedback

# Setup

**Work in pairs (1 laptop between 2 people)**

**Github: `git@github.com:akash/story-wall.git`**

Stick to the master branch)

**Maven**

**Git**

**MongoDB**

<http://maven.apache.org/download.html#Installation>

**Maven**

**Git**

**MongoDB**

<https://github.com/signup/free>

<http://help.github.com/mac-set-up-git/>

<http://help.github.com/win-set-up-git/>

Maven

Git

MongoDB

Send your github username to be added as a collaborator

```
> git clone git@github.com:akash/story-wall.git
```

Maven

Git

MongoDB



<http://www.mongodb.org/display/DOCS/Quickstart+OS+X>  
(or Unix/Windows)

Maven

Git

**MongoDB**

Story #2

Story #1

ThoughtWorks® rks®

View Swimlanes

# Story wall

Backlog

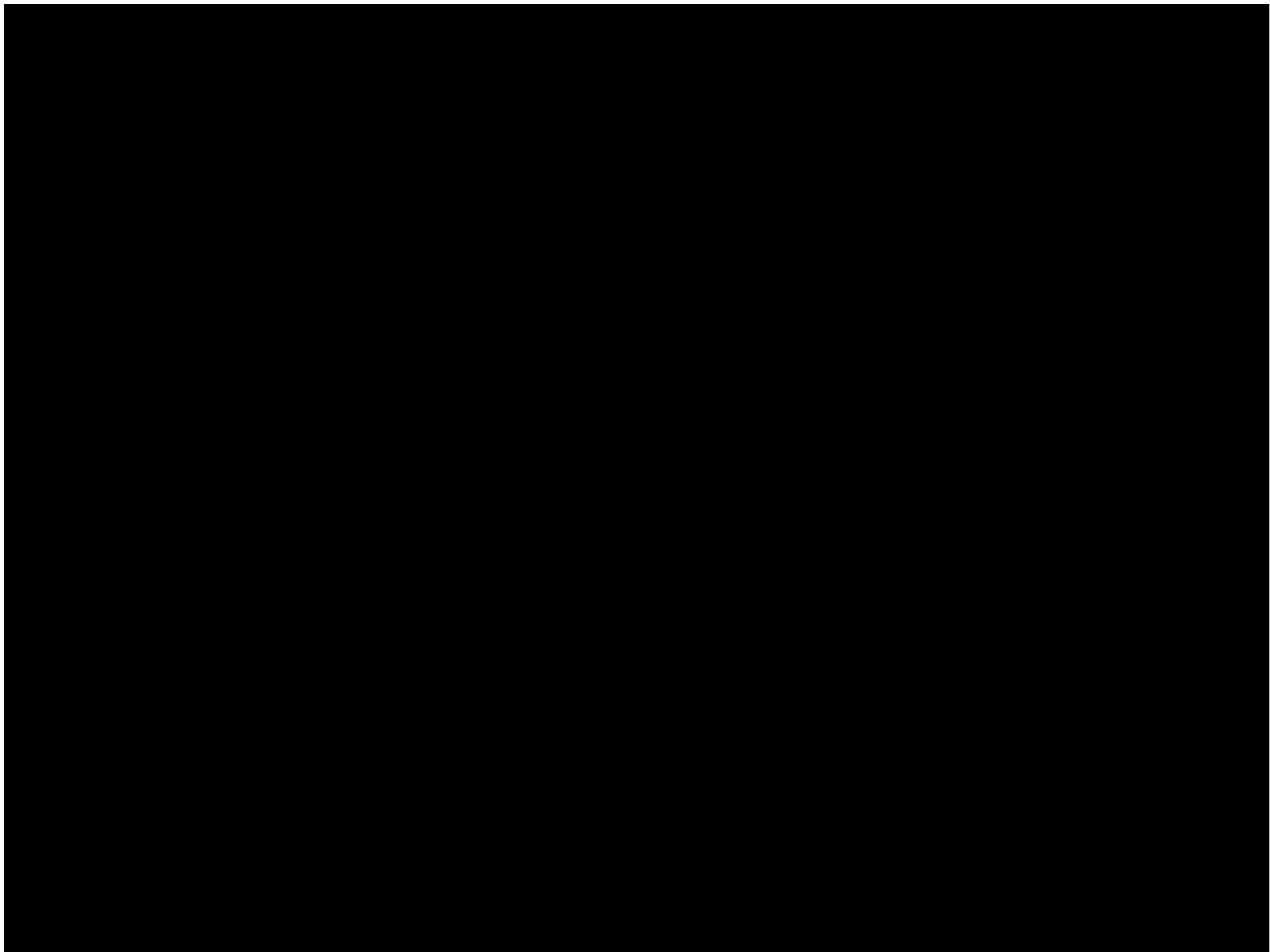
In Progress

Done



# Dropwizard

**<FreeMarker>**



Story #2

ThoughtWorks®

## Create Story

1. New story page
2. Create story in DB
3. Show story in swimlanes



Story #2

ThoughtWorks®

## Create Story

1. New story page
2. Create story in DB
3. Show story in swimlanes

# New Story

Title

Estimate

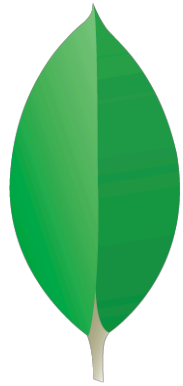
Create

Story #2

ThoughtWorks®

## Create Story

1. New story page
2. Create story in DB
3. Show story in swimlanes



mongoDB

Story #2

ThoughtWorks®

## Create Story

1. New story page
2. Create story in DB
3. Show story in swimlanes

```
<h1>
```

```
  Welcome ${user}<#if user == "Big Joe">, our beloved leader</#if>  
</h1>
```

-----

```
<table border=1>
```

```
  <tr><th>Name<th>Price
```

```
  <#list animals as being>
```

```
  <tr><td>${being.name}<td>${being.price} Euros
```

```
  </#list>
```

```
</table>
```

# Story wall

Backlog

In Progress

Done

#1

Story title  
(estimate)



Story #2

ThoughtWorks®

Story #3

Progress Story



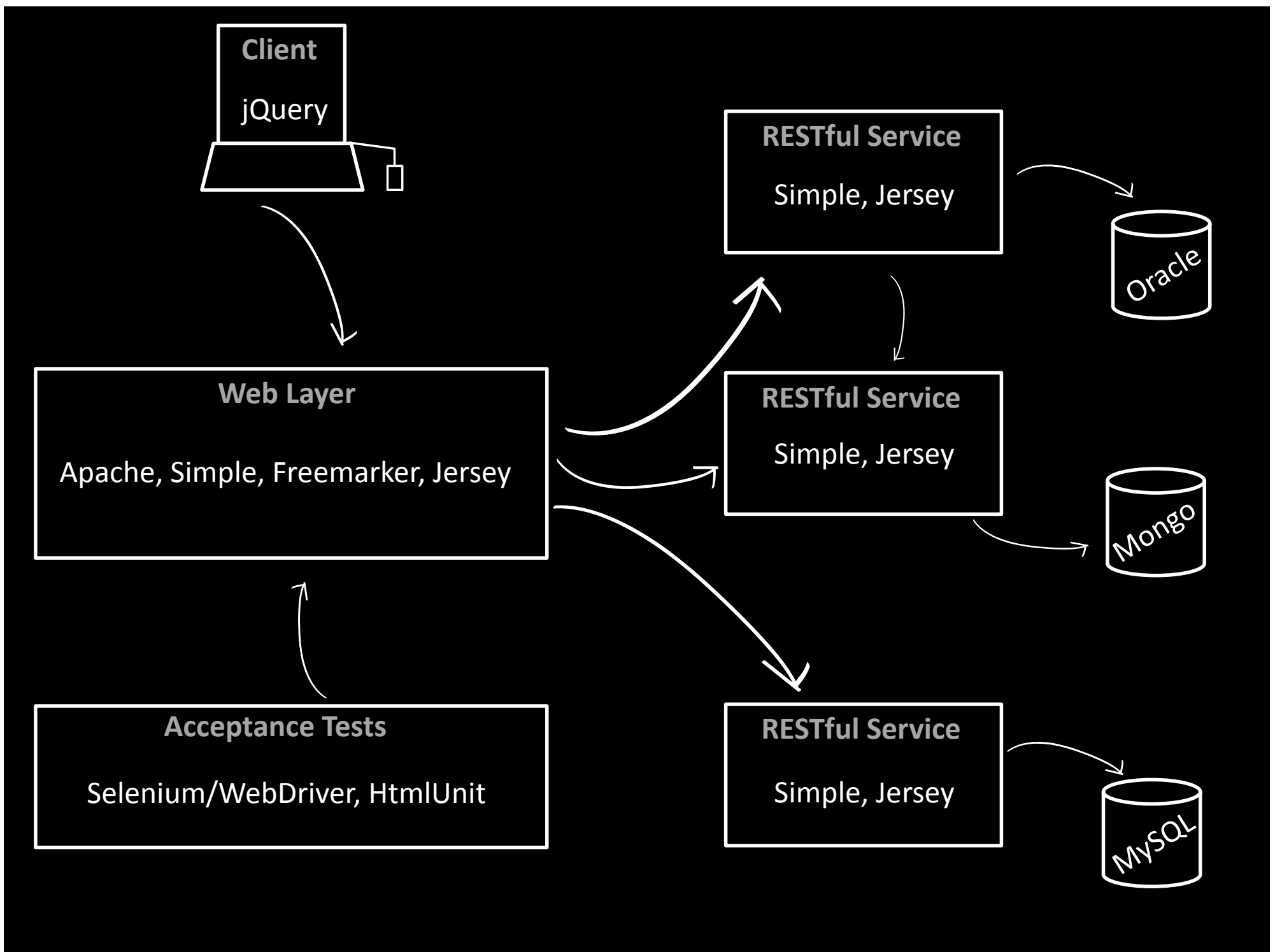
Story #4

ThoughtWorks®

Delete Story



**How this looks  
in the real world**



thanks

Liked



Lacked



Longed for