

#JavaOne

@trisha\_gee

# HTML5, AngularJS, Groovy, Java and MongoDB all together - what could possibly go wrong?

Trisha Gee, MongoDB Java Engineer



**I want coffee!!!**

# Fully Buzz Word Compliant

- AngularJS (HTML5, JavaScript)
- Bootstrap (& UI Bootstrap)
- Drop Wizard (Jackson, Jersey, Jetty)
- MongoDB via Morphia (& Java Driver)
- Gradle, Groovy & Spock
- IntelliJ IDEA

# Hopefully you'll learn...

- Java People: AngularJS / modern web UIs
- Non-Java People: Java Simplicity
- MongoDB
- Knowing your tools = productivity

Story 0

**As a user of this  
amazing application,  
I need to be able to  
see it**

# Story 1

**As a coffee drinker,  
I would like to be able  
to select the coffee I  
want to order, and its  
size**

# Story 2

As someone with eyes,  
I would really like this  
to not look like crap

# Story 3

As a drinker of fine hot  
and cold drinks,  
I need to send this  
order to an actual  
coffee shop



# Story 4

As a *systems admin*,  
I need to know the  
connection to  
MongoDB is closed  
when the server stops

# Story 5

As a normal paranoid human being, I want to see my order made it to the server

# Story 6

As someone who does not appreciate coffee, I need to add all sorts of sugary goodness to mask the taste

# Story 7

As a thirsty person,  
I want to know where  
to pick my coffee up  
from

# Caveats

- Took me a bit longer to create the original application
- I did cheat a bit with IntelliJ
- Nothing in any great depth

# Resources

- REST in Practice: Hypermedia and Systems Architecture - Jim Webber et al
- AngularJS in 60 mins - <http://www.youtube.com/watch?v=i9MHigUZKEM>
- AngularJS meets JavaEE - [https://blogs.oracle.com/geertjan/entry/angularjs\\_meets\\_java\\_ee\\_7](https://blogs.oracle.com/geertjan/entry/angularjs_meets_java_ee_7)

# Resources

- <http://getbootstrap.com/>
- <http://angular-ui.github.io/bootstrap/>
- <http://dropwizard.io/>
- <http://mongodb.org/>
- <https://github.com/mongodb/morphia/>
- <https://github.com/trishagee/cafelito>

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# Questions?

We are hiring: <http://bit.ly/1pNVwdA>

