



# Testing With Cucumber

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## Oct 6th, 2015

# Testing with Cucumber

A close-up photograph of several green cucumber slices partially submerged in clear water. The slices are arranged in a cluster, with some floating at the surface and others partially submerged. Water droplets and ripples are visible around the cucumbers, creating a fresh and watery atmosphere.

# Agenda

- Enova Intro
- Recap of last meetup
- BDD?
- Cucumber and Examples
- Exercises!! – Overlord
- Q&A

**\$809M**  
2014 Revenue

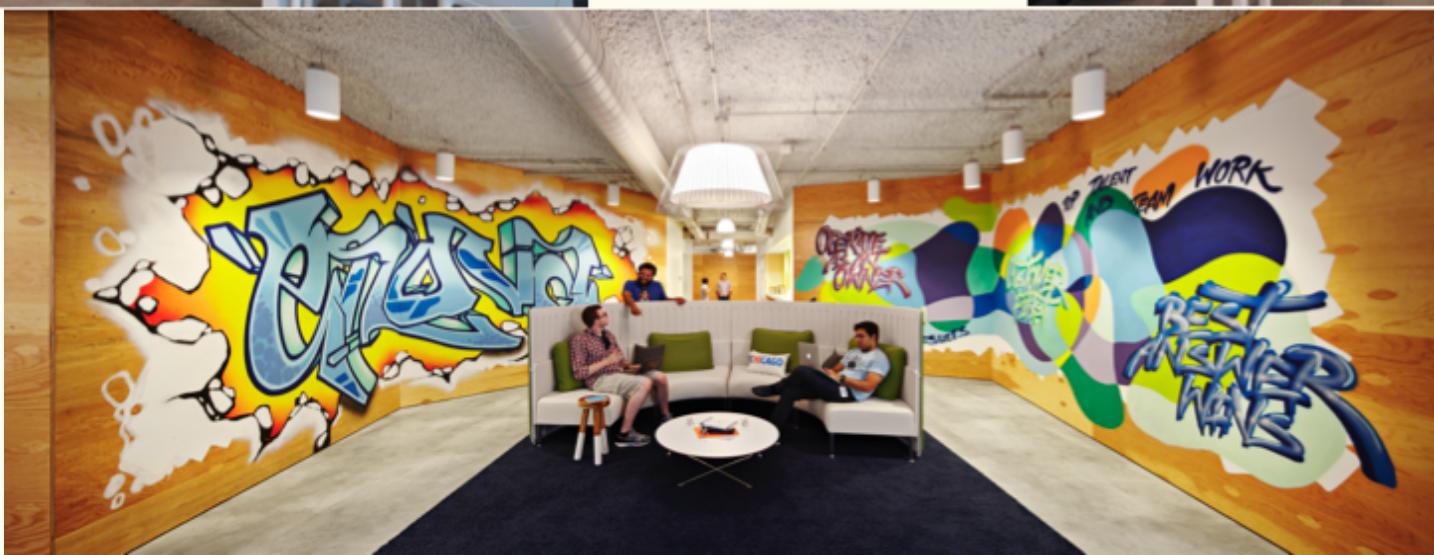
6  
Countries



**1,100**  
Employees



# Our Abode



# Topics that were covered last time

- Software Testing – What and why?
- Types of Testing : Unit, Functional, Integration, Regression, User Acceptance, Performance, Stress, Load, etc..
- TDD with Rspec

# So, What is BDD?

TDD



Domain Specific Language (English)

Gherkin for Cucumber

cucumber



# Getting Started

## **.feature**

file that contains feature and test scenarios

## **step\_definition.rb**

ruby file with scenario's step definitions using Capybara keyword, a string or regular expression, and a block.

# Feature – format

Feature: <short description>

<story>

<scenario 1>

...

<scenario n>

# Scenario – format

Scenario: <description>

<step 1>

...

<step n>

# features/cucumber.feature

Feature: Cucumber

As a **Role**

I want to be able to **Some Action**

Behavioral Driven Development

So that **Business Value**

development process

# Cont...

**Scenario:** Testing with Cucumber and BDD

Given **Setup**

And the audience from Women Who Code

When I am done with **Action**

Then you should **Outcome**

understanding on **Cucumber**

# Login Example

Feature:

As a Customer

I want to login to ABC website

So that I am aware I am customer

Cont..

Scenario: login to ABC

Given I visit the ABC website

When I enter enova as the username

And I enter 123 in password

And I click the submit button

Then I should see my customer page

# step\_definitions/login.rb

```
Given /^I visit the ABC website$/ do
```

```
    visit("www.abc.com")
```

```
end
```

```
When /^I enter enova as the username$/ do
```

```
    fill_in('Username', :with => "enova")
```

```
end
```

```
Then /^I click the submit button$/ do
```

```
    page.find("Submit Button").click
```

```
end
```

# Capybara

# Exercises

Overlord Bomb : <http://bit.ly/1VzAUau>

Inactive



A photograph of two yellow Minions from the movie "Despicable Me". They are wearing goggles and are sitting at a desk, looking intensely at a laptop screen. The Minion on the left has its mouth wide open as if shouting or speaking loudly. The background shows a futuristic control room with multiple screens.

# Pair Programming

# Practice/Reference Articles

Level Up Training: <https://leveluprails.com/test.html>

Cucumber Wiki: <https://github.com/cucumber/cucumber>

Capybara Cheatsheet : <https://gist.github.com/zhengjia/428105>

# Questions?

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