TODO:
Re-organise talk. Start with manual demo outlining the problems.
Remember to include:
1. How behat actually works
2. Writing your own steps by adding them to a feature and getting the yellow text
3. More pre-amble

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Automating web and API tests with Behat

by John Hunt
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What is Behat?

A tool written in PHP that runs tests written in the Gherkin syntax

Installation

composer require behat/behat

What are contexts?

Your own PHP classes, or composer packages that describe how to run steps in feature files

Install mink context

composer require behat/mink-extension

[Show example website]

Example feature file

```
Feature: Log in

  Background:
    Given I am on "/"

  Scenario: Missing username and password
    When I press "login"
    Then I should see "You forgot to enter your username or password!"

  Scenario: Missing username
    When I fill in "password" with "studio24"
    And I press "login"
    Then I should see "You forgot to enter your username or password!"

  Scenario: Missing password
    When I fill in "username" with "foo"
    And I press "login"
    Then I should see "You forgot to enter your username or password!"

  Scenario: Log in using bad credentials
    When I fill in "username" with "simon"
    And I fill in "password" with "studio24"
    And I press "login"
    Then I should not see "Welcome John!!"

  Scenario: Log in using good credentials
    When I fill in "username" with "john"
    And I fill in "password" with "password"
    And I press "login"
    Then I should see "Welcome John!!"
```

Mink drivers

Headless, Chrome, Firefox etc.

Why is Behat so good?

Test anything!

Because you can write and extend contexts
you can test anything you can imagine!

Gherkin syntax

Gherkin syntax means that non-coders
can write, run and understand tests

Continuous delivery

The possibilities are exciting with Behat!

Can't unit test codebase?

You can create end to end tests with Behat while you get round to refactoring the code!

Other great contexts

rdx/behat-variables

Please feedback

@johnrh / johnrhunt@gmail.com / in person?