

Cuke4A11

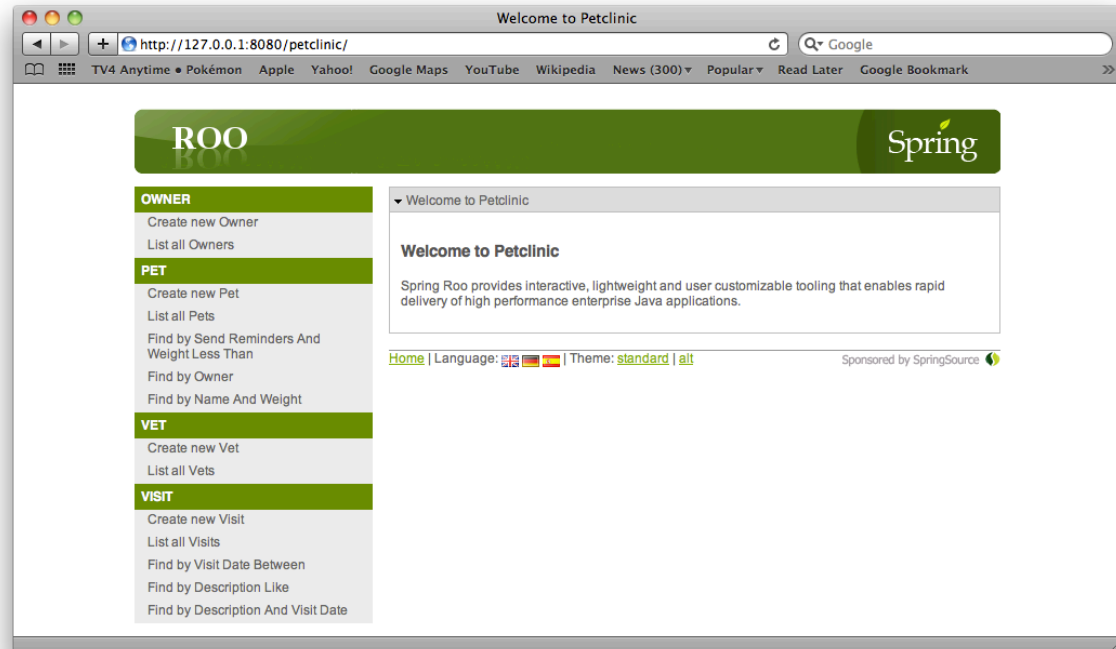
Use cucumber, capybara, pickle and friends to test any web app

@peter_lind
peter@lind.be
<https://github.com/peterlind>

What is Cucumber?

- “BDD that talks to domain experts first and code second”

Java Web App



Tests



`pets.feature`

Feature: Manage pets

Scenario: List pets

Given a pet exists with name: "Fido", sort: 0, weight: 23
When I go to the list pets page
Then I should see "Fido"

Scenario: Enter a pet

Given I am on the enter pet page
And I fill in "Name" with "Rufus"
And I fill in "Sort" with "Cat"
And I fill in "Weight" with "8"
And I press "Save"
Then a pet should exist with name: "Rufus", weight: 8

`pets.feature`



Pickle

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When I go to the list pets page
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Then a pet should exist with name: "Rufus", weight: 8

Pickle

Capybara

<https://github.com/peterlind/cuke4all>

- have Ruby and Rails installed
- rails new my_project -d <database_driver>
- Add capybara, cucumber-rails, rspec, database_cleaner, pickle to Gemfile (in the test group)
- edit config/database.yml
- rake db:schema:dump
- rails generate cucumber:install, rails generate pickle
- edit features/support/env.rb
 - Capybara.app_host = "http://127.0.0.1:8080"
 - Capybara.run_server = false
 - Capybara.default_driver = :selenium
 - DatabaseCleaner.strategy = :truncation
- write .feature in features/
- rails generate ModelName --migration=false
- rake cucumber to run it

Refactoring your cukes

- Go from imperative to declarative
- Make the feature something you can show to a non-technical stakeholder
- How?

Refactoring

- Rewrite feature
- Implement steps (copy-paste the output from rake cucumber)
- Refactor
- Drop pickle in favor of direct model use?

Where now?

- <http://skillsmatter.com/podcast/home/refactoring-your-cukes>
- <http://dannorth.net/2011/01/31/whose-domain-is-it-anyway/>
- <http://benmabey.com/2008/05/19/imperative-vs-declarative-scenarios-in-user-stories.html>
- <http://cuke4ninja.com>