

Testing Drupal Sites with Behat

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Motivation

Make sure we build the right thing

Make sure we don't break it when we add new features

Problems

Developers speak one language, stakeholders speak another

There are LOTS of different testing frameworks

Developers are like vampires...



What if...

Developers and stakeholders could describe how an application works in plain English?

Developers could map that description to test code?

Developers didn't have to worry about the picky details of different test tools?

IT...COULD....WORK!



Behavior-Driven Development (BDD)

Acceptance tests

Ubiquitous language

Tests as living documentation

Behat

BDD Tool written in PHP

Install using Composer

How Behat Works

Features describe what a user can do in your system

“Register an account”

Features contain **scenarios** that users encounter

“Successful registration”

Scenarios contain **steps**

“Given I enter a valid email address”

Steps are mapped to step definitions, which contain

Gherkin

Features, scenarios, and steps are written in Gherkin

Essentially plain English (or 37 other languages) but more rigidly structured

The “magic words” for scenarios are **given**, **when**, and **then**.

Demo!

https://github.com/simpsonw/behata_drupal_demo