Behat

Quick Setup Guide for Web Testing

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### <https://github.com/aramos-cit/behat>

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# Installation

1. Create folder **c:\behat**
2. Install the **Java JRE** <https://www.java.com/en/download/>
3. Install **WAMP** <http://www.wampserver.com/en/download/>
   1. Edit file C:\wamp\bin\php\phpx.x.xx\php.ini and comment out the line **extension=php\_openssl.dll**
4. Install **GIT** <http://git-scm.com/downloads>
5. Add the path to the executables to the System’s Path (Right click on “My Computer” > Properties > Advanced > Environment Variables):
   1. Add paths to PHP, Git, Java, Behat (c:\behat\bin)
6. Download Selenium Server from <http://docs.seleniumhq.org/download/> and place the jar inside the folder c:\behat
7. Install **Composer** <https://getcomposer.org/download/>
   1. Create a composer.json file inside c:\behat with the contents from the following pages
   2. From a command prompt, run:

cd c:\behat

composer install

1. Initialize Behat
   1. From a command prompt, run:

cd c:\behat

behat --init

1. Create a **behat.yml** file under c:\behat\ with the contents from the following pages.
2. Replace the file c:\behat\features\bootstrap\FeaturesContext.php with the contents from the following pages.

# Getting Started

**1. From a command prompt, run**

cd c:\behat

java -jar selenium-server-standalone-X.XX.X.jar

Note: check the correct filename of your jar file.

**2. Write your features placing them under c:\behat\features**

See an example in the following pages.

Behat by default makes a lot of commands available to work with web sites testing. To see those pre-defined commands, execute:

behat -di

If you need additional commands, you can create them in the file c:\behat\features\bootstrap\FeaturesContext.php

# Contents for c:\behat\behat.yml

# behat.yml

default:

extensions:

Behat\MinkExtension\Extension:

goutte: ~

selenium2: ~

# Contents for c:\behat\features\bootstrap\FeaturesContext.php

<?php

use Behat\Behat\Context\ClosuredContextInterface,

Behat\Behat\Context\TranslatedContextInterface,

Behat\Behat\Context\BehatContext,

Behat\Behat\Exception\PendingException;

use Behat\Gherkin\Node\PyStringNode,

Behat\Gherkin\Node\TableNode;

use Behat\MinkExtension\Context\MinkContext;

/\*\*

\* Features context.

\*/

class FeatureContext extends MinkContext

{

public function \_\_construct(array $parameters)

{

// Initialize your context here

}

}

# Contents for c:\behat\composer.json

**{**

**"require": {**

**"behat/behat": "2.4.\*@stable",**

**"behat/mink": "1.4.\*@stable",**

**"behat/mink-extension": "\*",**

**"behat/mink-goutte-driver": "\*",**

**"behat/mink-selenium2-driver": "\*"**

**},**

**"minimum-stability": "dev",**

**"config": {**

**"bin-dir": "bin/"**

**}**

**}**

Feature file sample

Note: the features must be saved as <name>.feature under c:\behat\features\

**Feature: Search on Yahoo**

**In order to find a web sote**

**As a user**

**I want to use the Yahoo search**

**@javascript**

**Scenario: Search for CI&T on Yahoo.com**

**Given I am on "https://br.search.yahoo.com"**

**When I fill in "yschsp" with "CI&T"**

**And I press "Buscar"**

**Then I should not see "foram encontrados resultados"**