

Behat Cheat Sheet

pear channel-discover pear.symfony.com

pear channel-discover pear.behat.org

pear install behat/behat

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Ligne de commande (behat)	
--init	Créer l'arborescence du projet
--config=fichier.yml	Utiliser un fichier de config.
--format=html -out=report.html	Rapport HTML
--expand	Afficher les détails
--story-syntax --lang=fr	En français
--tags='@group1,@group2'	Tests sur des groupes

Fonctionnalité
Feature: Descriptive text of what is desired In order to realize a named business value As an explicit system actor I want to ...
Scenario: Some determinable business situation Given some precondition And some other precondition When some action by the actor And some other action And yet another action Then some testable outcome is achieved And something else we can check happens too
Scenario: A different situation

Behat en 2 mots
Behat permet d'automatiser les « tests d'acceptation » de la méthodologie agile « Scrum ». Les tests sont rédigés dans une langue naturelle grâce à la syntaxe Gherkin .
Une fonctionnalité est décrite dans un fichier <nom-de-fonctionnalité.feature> . Une fonctionnalité regroupe un ensemble de cas, appelés « Scénarios ».
Chaque Scénario est défini par : <ul style="list-style-type: none">- un contexte (Etant donné que)- des événements déclencheurs (Quand)- un résultat attendu (Alors)

Utiliser des exemples

Scenario Outline: Some determinable business situation

Given I have <initialAmount> euros

When I add <money> euros

Then I should have now <finalAmount> euros

Examples:

initialAmount	money	finalAmount	
15	5	20	
40	10	50	
20	5	25	

Applications Web (Mink)	
Naviguer : I am on "url" I go to "url" I reload the page I move backward one page I move forward one page I press "button" I follow "link"	Assertions : I should see "content" the response should contain "content" I should not see "content" the response should not contain "content" the "form_element" field should contain "value" the "form_element" field should not contain "value" the "form_checkbox" checkbox should be checked the "form_checkbox" checkbox should not be checked I should be on "page" the url should match "url" the "num_position" element should contain "value" I should see "value" in the "element" element I should see an "element" element I should not see an "element" element I should see number "element" elements the response status code should be code
Formulaires : I fill in "form_element" with "value" I fill in "value" for "form_element" I fill in the following I select "form_option" from "form_select" I additionally select "form_option" from "form_select" I check "form_checkbox" I uncheck "form_checkbox" I attach the file "/path/file.file" to "form_file"	

Mink Cheat Sheet

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pear channel-discover pear.symfony.com

pear channel-discover pear.behat.org

pear install behat/mink-beta

Session	
<pre>\$session = new \Behat\Mink\Session(\$driver); \$session->start(); // démarrer \$session->reset(); // soft-reset: \$session->restart(); // hard-reset:</pre>	
Depuis le contexte principal : <pre>\$session = \$this->getSession();</pre>	
Depuis un sous-contexte : <pre>\$session = \$this->getMainContext()->getSession();</pre>	
isStarted()	Checks whether session was started
start()	Starts session
stop()	Stop session
restart()	Restart session
reset()	Reset session
getPage()	Returns page element
getSelectorHandler()	Returns Selector Handler
visit(\$url)	Visit specified URL
setBasicAuth(\$u,\$p)	HTTP Basic authentication
setRequestHeader(\$n,\$v)	Set request header
getResponseHeaders()	Get all response headers
setCookie(\$n,\$v)	Sets cookie
getCookie(\$n)	Returns cookie
getStatusCode()	Returns response code
getCurrentUrl()	Returns current URL
reload()	Reload current page
back()	Moves backward
forward()	Move forward
executeScript(\$script)	Executes javascript
evaluateScript(\$script)	Returns javascript' response
wait(\$time, \$condition)	Waits some time or until javascript condition is true

Drivers disponibles
Goutte : https://github.com/fabpot/Goutte
Sahi : http://sourceforge.net/projects/sahi/
Zombie : http://zombie.labnotes.org/
Selenium (1 & 2) : http://seleniumhq.org/

Elément
<pre>\$el->has(\$selector, \$locator) \$el->find(\$selector, \$locator) \$el->findAll(\$selector, \$locator) \$el->getText() \$el->getHtml()</pre>

Nœuds HTML	
<pre>\$el->isVisible() \$el->getValue() \$el->getTagName() \$el->getXpath() \$el->hasAttribute(\$name) \$el->getAttribute(\$name)</pre>	Événements : <pre>\$el->click() \$el->doubleClick() \$el->rightClick() \$el->mouseOver() \$el->focus() \$el->blur() \$el->dragTo(\$element)</pre>
Formulaires : <pre>\$el->press() \$el->check() \$el->unchecked() \$el->isChecked() \$el->selectOption(\$option, \$multiple) \$el->attachFile(\$path) \$el->keypress() \$el->keyDown() \$el->keyUp()</pre>	

Paramètres par défaut <behat.yml>
default: context: parameters: default_session: goutte javascript_session: sahi base_url: http://localhost browser: firefox goutte: zend_config: adapter: Zend\Http\Client\Adapter\Proxy proxy_host: host.com proxy_port: 8080 sahi: host: localhost port: 9999 zombie: host: 127.0.0.1 port: 8124 node_bin: node auto_server: true selenium: host: localhost port: 4444 webdriver: host: http://localhost:4444/wd/hub