

“Automated tests are one of the greatest advances in programming since object orientation.”

Unit tests confirm that a unitary code component provides the correct output for a given input

Functional tests validate not a simple input-to-output conversion, but a complete feature

UNIT TESTING	
diag(\$msg)	Outputs a comment but runs no test
ok(\$test, \$msg)	Tests a condition and passes if it is true
is(\$value1, \$value2, \$msg)	Compares two values and passes if they are equal (==)
isnt(\$value1, \$value2, \$msg)	Compares two values and passes if they are not equal
like(\$string, \$regexp, \$msg)	Tests a string against a regular expression
unlike(\$string, \$regexp, \$msg)	Checks that a string doesn't match a regular expression
cmp_ok(\$value1, \$operator, \$value2, \$msg)	Compares two arguments with an operator
isa_ok(\$variable, \$type, \$msg)	Checks the type of an argument
isa_ok(\$object, \$class, \$msg)	Checks the class of an object
can_ok(\$object, \$method, \$msg)	Checks the availability of a method for an object or a class
is_deeply(\$array1, \$array2, \$msg)	Checks that two arrays have the same values
include_ok(\$file, \$msg)	Validates that a file exists and that it is properly included
fail()	Always fails--useful for testing exceptions
pass()	Always passes--useful for testing exceptions
skip(\$msg, \$nb_tests)	Counts as \$nb_tests tests--useful for conditional tests
todo()	Counts as a test--useful for tests yet to be written

FUNCTIONAL TESTING	
initialize()	Initializes sfTestBrowser
get(\$url)	Shortcut for call()
post(\$uri, \$fields)	Shortcut for call()
call(\$uri, \$request_method, \$fields)	Send a http request
setField(\$name, \$value)	Gives a form field a value
click(\$text, \$fields)	Clicks a text link or button
isStatusCode(\$status_code)	Checks status code of http response (default is 200)
isRequestParameter(\$name, \$value)	Checks the value of a request parameter
checkResponseElement(\$elem, \$mixed_arg)	sfDomCssSelector shortcut (see documentation)
responseContains(\$text)	Checks that the response contains given text
isResponseHeader(\$name, \$value)	Checks response header
isRedirected()	Check that request is redirected
followRedirect()	Manually follow the redirection
reload()	Reload the current page
back()	Go back one page
forward()	Go forward one page
isCached(\$from_cache, \$with_layout)	Checks that the response comes from the cache
test()	Gives access to lime_test methods
getRequest()	sfRequest object
getContext()	sfContext object
getResponse()	sfResponse object
getResponse()->getContent()	Get the actual content of the current page