Cheatography

MiniTest Assertions Cheat Sheet

by Ryan Johnson (CITguy) via cheatography.com/138/cs/1240/

MiniTest Generic Assertions

assert(*test*, *msg=nil*)

inverse:**refute**

assert_equal(*obj*, *val*, *msg=nil*)

inverse:**refute_equal**

assert_instance_of(*klass*, *obj*, *msg=nil*)

inverse:**refute_instance_of**

assert_kind_of(*klass*, *obj*, *msg=nil*)

inverse:**refute_kind_of**

assert_match(*regex*, *obj*, *msg=nil*)

inverse:**refute_match**

assert_nil(*obj*, *msg=nil*)

inverse:**refute_nil**

assert_operator(*obj*, *operator*, *val*, *msg=nil*)

inverse:**refute_operator**

assert_respond_to(*obj*, *method*, *msg=nil*)

inverse:**refute_respond_to**

assert_same(*obj*, *obj2*, *msg=nil*)

inverse:**refute_same**

MiniTest Block Assertions

assert_block(*msg=nil*) do ... end

assert_output(*stdout=nil*, *stderr=nil*) do ... end

assert_raises(*exception*) do ... end

assert_silent do ... end

assert_throws(*sym*, *msg=nil*)

MiniTest Enumerable Assertions

assert_empty(*obj*, *msg=nil*)

assert_includes(*collection*, *obj*, *msg=nil*)

MiniTest Float Assertions

assert_in_delta(*val*, *obj*, *delta=0.001*, *msg=nil*)

assert_in_epsilon(*val*, *obj*, *e=0.001*, *msg=nil*)

MiniTest::Spec Enumerable Expectations

obj.**(must|wont)_be_empty**()

obj.**(must|wont)_include**(*obj2*)

MiniTest::Spec Float Expectations

obj.**(must|wont)_be_close_to**(*val*, [*delta*])

equivalent to *assert_in_delta*

obj.**(must|wont)_be_within_delta**(*val*, [*delta*])

Fails unless *obj* and *val* are within *delta* of each other

obj.**(must|wont)_be_within_epsilon**(*val*, [*e*])

Fails unless *obj* and *val* have a relative error less than *e*

MiniTest::Spec Generic Expectations

obj.**(must|wont)_be**(*operator*, *expected*)

10.must_be :<, 11

obj.**(must|wont)_be_instance_of**(*klass*)

obj.**(must|wont)_be_kind_of**(*klass*)

obj.**(must|wont)_be_nil**()

obj.**(must|wont)_be_same_as**(*obj2*)

obj.**(must|wont)_equal**(*obj2*)

obj.**(must|wont)_match**(*regex*)

obj.**(must|wont)_respond_to**(*message*)

MiniTest::Spec Block Expectations

->{ } .**must_be_silent()**

Fails if block outputs anything to *stderr* or *stdout*.

->{ } .**must_output**(*stdout, [stderr]*)

The block should have certain output on stdout or stderr. Set stdout to nil just to check stderr.

->{ } .**must_raise**(*exception*)

Fails unless block raises *exception*

->{ } .**must_throw**(*sym*)

Fails unless block throws *sym*

Works on **procs**, **blocks**, and **lambdas**

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Published 11th September, 2013.
Last updated 11th May, 2016.