

## **Standard Assertions**

```
assert
 assert_equal
 assert_raise
assert_raises
assert_instance_of
assert nil
assert_kind_of
assert_respond_to
assert_match
assert same
assert operator
assert_nothing_raised
assert_not_same
assert_not_equal
assert not nil
 assert_no_match
assert_throws
assert_nothing_thrown
 assert in delta
 assert send
```

```
boolean
expected, actual
*args
*args, &block
klass, object
object
klass, object
object, method
pattern, string
expected, actual
object1, operator, object2
*args
expected, actual
expected, actual
object
regexp, string
expected symbol, &proc
&proc
expected_float, actual_float, delta
send array
```

### Rails Assertion

```
assert_response
assert_redirected_to
assert_template
assert_recognizes
assert_generates
assert_routing
assert_tag
assert_tag
assert_dom_equal
assert_dom_not_equal
assert_valid
```

# Test::Rails Assertions

```
assert assigned
                                 ivar, value = NOTHING

    deny_assigned

 assert_content_type
assert_flash
                                 type, message = nil
                                 key, content
 assert_image
                                 src
assert_error_on
assert_field
assert_input
                                 field, type
                                 form_action, type, model, column, value = nil
                                 form_action, type, name, value = nil
 assert_label
                                 form action, name, include f = true
assert_links_to
• deny_links_to
assert_multipart_form
                                 href, content = nil
                                 form_action
 assert_post_form
                                 form action
                                 form_action, model, column, options
 assert_select
 assert_submit
assert_tag_in_form
                                 form_action, value
                                 form_action, options
  deny
 assert_empty
                                 obj
 deny_empty
assert_includes
                                 obj, item, message = nil

    deny_includes
```

Most also take a message argument as the last parameter. The message will be shown if the test fails.



### Methods

Strings capitalize! center chomp! chop! concat count crypt delete! downcase! dump each each\_byte empty? gsub! hash hex include? index intern length ljust, rjust next oct replace reverse! rindex scan slice! split squeeze! strip! sub! sum swapcase! tr! tr\_s! unpack upcase!

Regex escape last\_match new quote casefold? kcode match source

upto

**Time** asctime ctime day gmt? gmtime hour isdst localtime mday min mon month sec strftime tv\_sec tv\_usec usec utc utc? wday ydaý year zone

### **DEFAULT DIRECTORY STRUCTURE**

DEFAULT DIF	RECTORY STRUCTURE
rails_roo	t
- app	
- api	S
- 🛅 cor	
	application.rb
- 🛅 hel	
	application_helper.rb
- i mo	
- 🛅 vie	
	layouts
- 🛅 compo	
- a config	
	vironments
1 1 7	development.rb
1 1 1	production.rb
- 🕒	
' '	abase.yml
- i -	vironment.rb
- 🖺 rou	
- 🛅 db	
- 🛅 doc	
l- lib	
- log	
	velopment.log
· .	oduction.log
- 🖸 ser	
- 🖺 tes	-
- public	
- ima	
jav	
1 1 .	controls.js
	dragdrop.js
	effects.js
1 1 1	prototype.js
- a sty	
- 🖰 .hta	
	4.html
- 500	
	patch.cgi
1 1	patch.fcgi
- D dis	-
- G fav	
	ex.html
- script	ex.iidiii
- test	
- fixt	uroc
- fun	
- mo	
- : : -	
	development
- 🛅 uni	
tes	t_helper.rb

### **METHODS NOTE**

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! - Denotes where a tailing! may be used. A colourless! denotes that the ! is compulsory.

### PRE-DEFINED VARIABLES

\$!	Exception information			
\$&	String of last match			
\$`	String left of last match			
\$'	String right of last match			
\$+	Last group of last match			
\$N	Nth group of last match			
\$=	Case insensitive flag			
\$/	Input record separator			
\$\	Output record separator			
\$,	Output field separator			
\$. Current line number of				
	last file read			
\$>	Default output for print			
\$_	Last input line of string			
\$0	Name of script			
\$*	Command line arguments			
\$stderr	Standard error output			
\$stdin	Standard input			
\$stdout	Standard output			
\$-a	True if -a is set.			
\$-d	Status of -d switch			
\$-I	True if -l is set			
\$-p	True if -p is set			
\$-v	Verbose Flag			

### **RESERVED WORDS**

=begin	elsif	rescue	
=end	end	retry	
BEGIN	ensure	return	
END	false	self	
alias	for	super	
and	if	then	
begin	in	true	
break	module	undef	
case	next	unless	
class	nil	until	
def	not	when	
defined?	or	while	
do	redo	yield	
مادم			

### **REGULAR EXPRESSIONS SYNTAX**

^	Start of string		
\$	End of string		
	Any single character		
(a b)	a or b		
()	Group section		
[abc]	Item in range (a or b or c)		
[^abc]	Not in range (not a or b or c)		
a?	Zero or one of a		
a*	Zero or more of a		
a+	One or more of a		
a{3}	Exactly 3 of a		
a{3,}	3 or more of a		
a{3,6}	Between 3 and 6 of a		
!(pattern)	"Not" prefix. Apply rule when		
	URL does not match pattern.		

### **Methods**

Arrays assoc at clear collect! compact! concat delete delete\_at delete\_if each each\_index empty? eql? fill first flatten! include? index indexes join last length nitems pack pop push rassoc reject! replace

### Validation

reverse!

rindex

shift

slice!

sort!

unia!

unshift

reverse\_each

condition\_block? createl evaluate\_condition validate validate\_on\_create validate\_on\_update validates\_acceptance\_of validates associated validates\_confirmation\_of validates each validates\_exclusion\_of validates\_format\_of validates\_inclusion\_of validates\_length\_of validates\_numericality\_of validates\_presence\_of validates\_size\_of validates\_uniqueness\_of

### **Enumerable Mixin**

collect
each\_with\_index
entries
find
find\_all
grep
include?
max
min
reject
sort

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Ruby on Rails Logo used with permission.



ERROR: undefined

OFFENDING COMMAND: eexec

STACK:

/quit -dictionary--mark-