

Open-source Rake-based Test Framework - ZONT

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What is it ?

Zont - is a russian word for umbrella.

This test framework (harness, monitor) - is simply an umbrella tool which knows about a testsuite of automated test cases and doesn't care much about what these tests do. It does know how to execute these test cases and how to determine test result (PASS or FAIL) based on test output.

This makes it a very convenient tool to use when deploying testsuites containing lots of tests under CI environment as well as - when executing them stand-alone.

Features Overview:

- execute test cases
- log results
- prepare html human-readable reports containing logs
- prepare xml J-unit style report for CI consumption
- reports dir is configurable
- print test description parsed from javadoc-style comments
- execute all tests or tests based on keywords
- ability to specify multiple and negative keywords
- configurable option to re-run failed test once more
- tests/platform/language agnostic, ie: tests written in any language can be executed
- ability to "validate" test, ie: skip some tests based on certain criteria

What a typical test looks like:

```
#!/usr/bin/env ruby
require 'lib/base_test'

# @author Alexandre Berman
# @executeArgs
# @keywords acceptance
# @description some interesting test

class GoogleSearchTest < BaseTest

  # -- initialize
  def initialize
    super
  end

  # -- test begins
  def run_main
    GoogleSearchMacro.new(suite).run_test
  end
end

GoogleSearchTest.new.run_test
```

Where to get it ?

<https://github.com/lazyxiong/zont>