



DRUPALCON

# DENVER

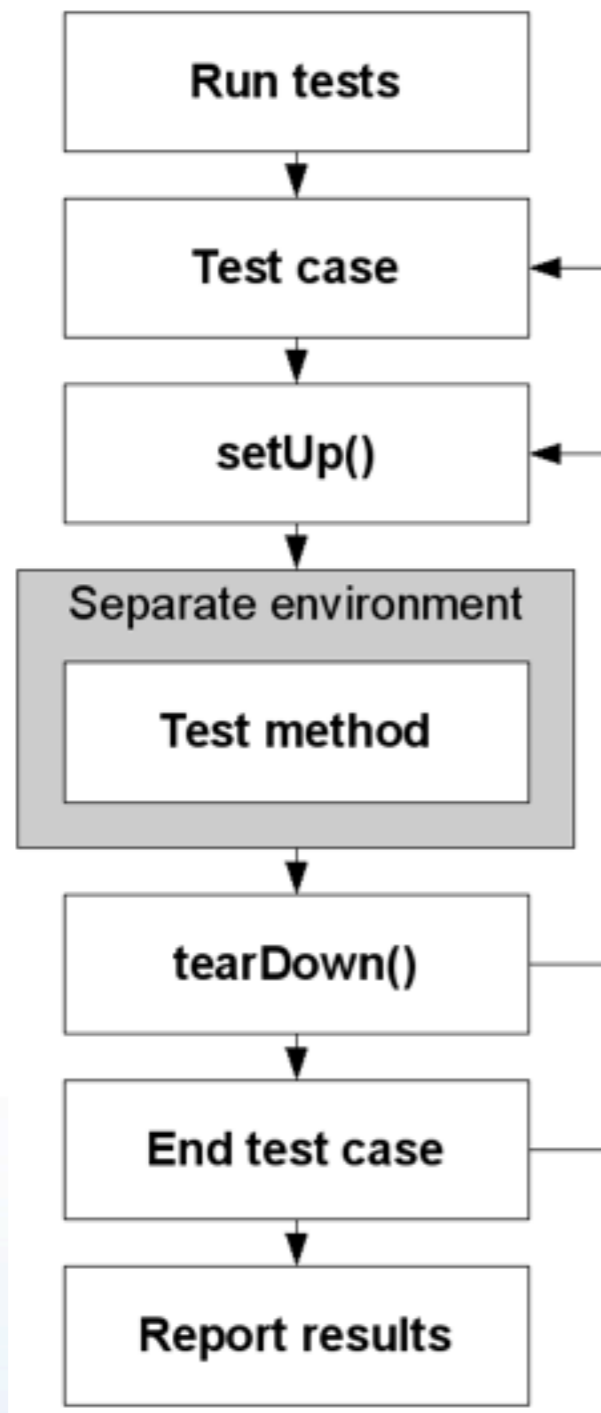
MARCH 19-23, 2012

Collaborative Publishing for Every Device

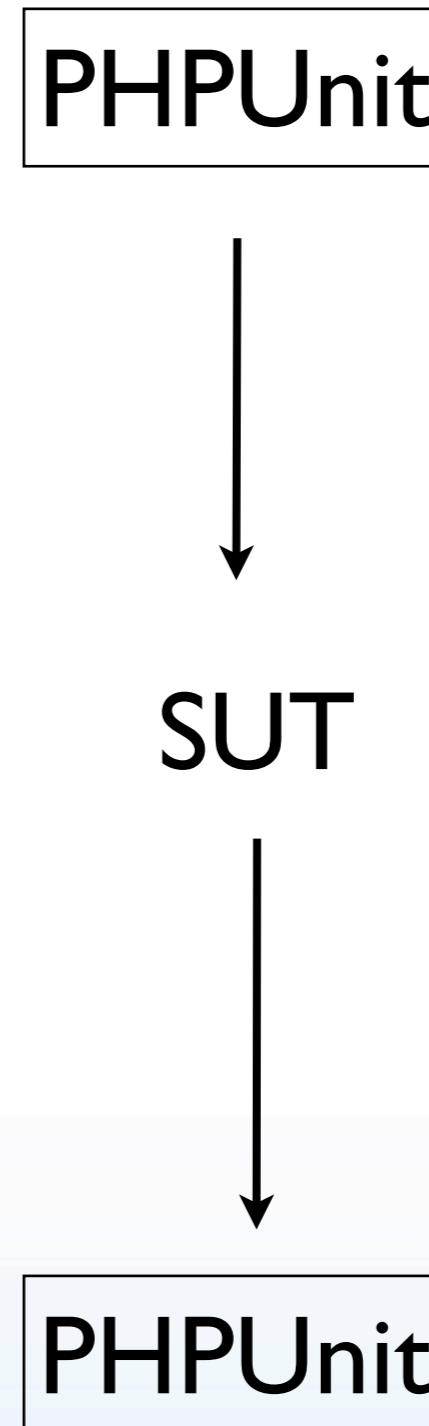
# Upal

Moshe Weitzman

# Simpletest



# Upal



# Why?

- Reduce confusion, ease debugging
- Reduce leakage between Drupal sites
- Leverage large PHPUnit ecosystem
  - IDE integrations
  - Code coverage
  - Web and CLI runners. Jenkins plugin

## Tests

- sample\_dir
  - DateTest.php
  - IncompleteTest.php
  - PUTest.php
  - PUTest2.php
  - SkippedTest.php

Tips: You can select multiple files by single-clicking them. You can also use shift+click to select a range of files, or ctrl+click to select an entire directory.

## Options

Store Statistics: Yes ▾

Create Snapshots: No ▾

Sandbox Errors: Yes ▾

Sandbox Filename: /srv/http/pu/errors/errors.tmp

- E\_NOTICE
- E\_WARNING
- E\_ERROR
- E\_PARSE
- E\_STRICT

Sandbox Ignore:

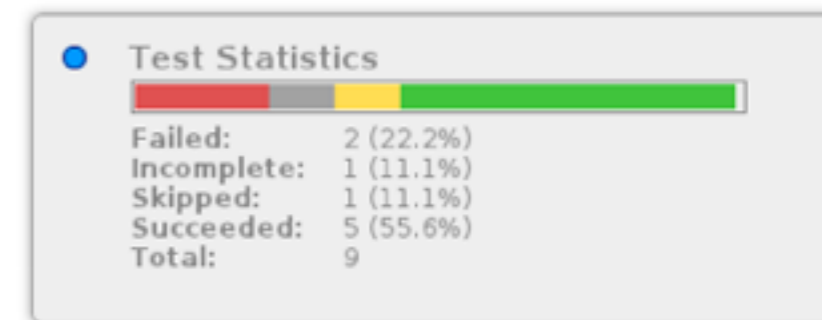
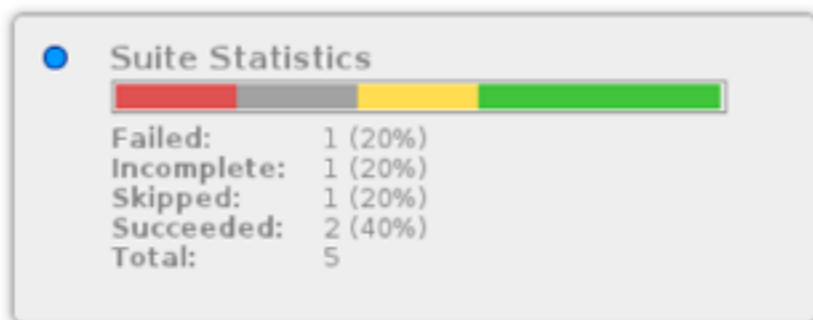
Run Tests

## Archives

## Graphs

- PUTest** Executed in 0.0021190643310547 seconds.
- test\_this** **test\_this() failed!**  
Failed asserting that <string:value> is equal to <string:test>.  
Executed in 0.0011000633239746 seconds.  

```
some stuff
```
- test\_this\_too** **test\_this\_too() failed!**  
Failed asserting that <string:value> is equal to <string:test>.  
Executed in 0.0010190010070801 seconds.
- IncompleteTest** Executed in 0.021337985992432 seconds.
- SkippedTest** Executed in 0.00049304962158203 seconds.
- DateTest** Executed in 0.012708902359009 seconds.
- PUTest2** Executed in 0.00061988830566407 seconds.



**!** **Notice:** Use of undefined constant somestr - assumed 'somestr' 12

/srv/http/pu/tests/PUTest.php

Test Results

PHPUnit test session

80.00 %

4 tests passed, 1 test failed.(0.436 s)

- CalculatorTest FAILED
  - testAdd passed (0.247 s)
  - testAdd2 passed (0.011 s)
  - testAdd3 passed (0.011 s)
  - testAdd4 passed (0.012 s)
  - testAdd5 FAILED: Failed asserting that <integer:3> matches expected <integer:5>. Full output can be found in <G:\xampp\htdocs\Calculator\tests\CalculatorTest.php:74>

CalculatorTest::testAdd5()  
Failed asserting that <int  
<G:\xampp\htdocs\Calculator>  
Full output can be found i

PHP - HelloWorld/test.php - Eclipse Platform

File Edit Source Refactor Navigate Search Project Run Window Help

PHP Explorer

- HelloWorld
  - main.php
  - test.php
  - Include Paths

main.php test.php

```

1 <?php
2 class test extends UnitTestCase {
3     function test_pass() {
4         $boolean = false;
5         $this->assertFalse($boolean);
6     }
7 }
8 ?>
9

```

Outline

- test
  - test\_pass()

Runs: 1 / 1 Failures: 0 Errors: 0

test.php

Writable Smart Insert 9:1

# Implementation

- Upal copies DrupalWebTestCase
- Changes setUp and tearDown()
- Tests are unchanged (for now)
- Delete simpletest module

# Behat and Mink

<http://behat.org/>