

## PRUEBAS UNITARIAS REFERENTES AL ALMACENAMIENTO EN STOCK DE PRODUCTOS

Para verificar la cantidad de productos en Stock, dado que hay una relación entre los modelos Stock y Product, debemos implementar la carga de fixtures de dos modelos distintos, por lo tanto, vamos a hacer pruebas cargando las tablas “products” y “stocks” de la base de datos la siguiente forma.

```
<?php
class ProductFixture extends CakeTestFixture {
    // Set this property to load fixtures to a different test datasource
    //public $useDbConfig = 'test';
    public $import = array('model' => 'Product'); //, 'records' => true);

    public $records = array(
        array(
            'id' => 1,
            'name' => 'RE4',
            'platform_id' => 2,
            'release_year' => '2004', //no estoy segura si va en comillas
            'price' => 5,
            'description' => 'a really nice game',
            'presentation' => 1,
            'enabled' => 1,
            'requirement' => '',
            'rated' => 0,
            'discount' => 0,
            'rating' => 0,
            'image' => null,
            'video' => null,
            'outofstock' => 0,
            'tax' => 0
        )
    );
}
```

```
<?php
class StockFixture extends CakeTestFixture {
    // Set this property to load fixtures to a different test datasource
    //public $useDbConfig = 'test';
    public $import = array('model' => 'Stock'); //, 'records' => true);

    public $records = array(
        array(
            'id' => 1,
            'product_id' => 1,
            'amount' => 5
        )
    );
}
```

Elaborado por: Ivannia Alvarado G.

Fecha: 15/11/2014

Para verificar que el producto está almacenando bien los datos, tanto en la tabla producto, como en stock, hacemos el siguiente método en Product.php:

```
public function getProductStock() {  
    return $this->Stock->find('first');  
}
```

Y luego verificamos que esta consulta nos traiga los datos que ingresamos a la base de datos, con el siguiente método en ProductTest.php:

```
public function testInsertProductStock() {  
    $this->loadFixtures('Product', 'Stock');  
    $result = $this->Product->getProductStock();  
    /* $expected = array(  
        array('categories' => array('parent_id' => 1))  
    );  
    */  
    $expected = array(  
        'Stock' => Array (  
            'id' => 1,  
            'product_id' => 1,  
            'amount' => 5  
        ),  
        'Product' => Array (  
            'id' => 1,  
            'name' => 'RE4',  
            'platform_id' => 2,  
            'release_year' => '2004', //no estoy segura si va en comillas  
            'price' => 5,  
            'description' => 'a really nice game',  
            'presentation' => 1,  
            'enabled' => 1,  
            'requirement' => '',  
            'rated' => 0,  
            'discount' => 0,  
            'rating' => 0,  
            'image' => null,  
            'video' => null,  
            'outofstock' => 0,  
            'tax' => 0  
        )  
    );  
    $this->assertEquals($expected, $result);  
}
```

Para esto debimos haber agregado las líneas siguientes en la clase ProductTest.php:

```
public $fixtures = array('app.product', 'app.stock');
```

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Fecha: 15/11/2014

Efectivamente, los resultados de esto se muestran a continuación:

The screenshot displays the CakePHP Test Suite 2.5.3 interface in a web browser. The browser's address bar shows the URL: localhost/cakephp/app/webroot/test.php?case=Model\Product&show\_passes=1. The page header includes the text "CakePHP: the rapid development php framework". The main content area is titled "Running ProductTest" and shows a list of test results, all of which are "PASSED". The tests listed are: testInsertProductStock (1.3220760822296 seconds), testDelProductStock (0.4150230884552 seconds), testEnable (0.80804586410522 seconds), and testDisable (0.65403699874878 seconds). A summary bar indicates "4/4 test methods complete: 4 passes, 0 fails, 3 assertions and 0 exceptions." Below this, the total time is "3.1991820335388 seconds" and the peak memory is "5,373,472 bytes". At the bottom, there are links for "Run more tests", "Show Passes", "Enable Debug Output", and "Analyze Code Coverage". A small "CAKEPHP POWER" logo is visible in the bottom left corner.

CakePHP Test Suite 2.5.3

- App
  - Tests
- Plugins
  - DebugKit
    - Tests
- Core
  - Tests

Running ProductTest

- ✓ PASSED  
testInsertProductStock (1.3220760822296 seconds)
- ✓ PASSED  
testDelProductStock (0.4150230884552 seconds)
- ✓ PASSED  
testEnable (0.80804586410522 seconds)
- ✓ PASSED  
testDisable (0.65403699874878 seconds)

4/4 test methods complete: 4 passes, 0 fails, 3 assertions and 0 exceptions.

Time: 3.1991820335388 seconds

Peak memory: 5,373,472 bytes

[Run more tests](#) | [Show Passes](#) | [Enable Debug Output](#) | [Analyze Code Coverage](#)

CAKEPHP POWER

Lo que nos indica que el almacenamiento en base de datos con la nueva característica de Stock en productos se está efectuando de manera adecuada y la prueba fue aprobada.