

PRUEBAS UNITARIAS PARA ADMINISTRAR CATÁLOGO DE PRODUCTOS

- Código de “ProductFixture” para “ProductModel”

```
<?php
class ProductFixture extends CakeTestFixture {

    public $useDbConfig = 'test';
    public function truncate($db) { return null; }
    public function drop($db) { return null; }

    public $fields = array('id' => array('type' => 'string', 'key' => 'primary'),
        'name' => 'string',
        'price' => 'float',
        'stock_quantity' => 'integer',
        'format' => 'string',
        'languages' => 'string',
        'subtitles' => 'string',
        'release_year' => 'datetime',
        'runtime' => 'integer',
        'more_details' => 'string',
    );

    public function init() {
        $records = array( array( 'id' => 'GMR-2072',
            'name' => 'Whiplash',
            'price' => 16.31,
            'stock_quantity' => 383,
            'format' => 'Bluray',
            'languages' => 'Inglés, Español',
            'subtitles' => 'Español, Inglés, Francés, Alemán',
            'release_year' => '2014',
            'runtime' => 107,
            'more_details' => 'Director: Damien Chazelle; Productor: David Lancaste'
        ),
            array( 'id' => 'AQA-4470',
                'name' => 'Los Vengadores',
                'price' => 95.19,
                'stock_quantity' => 283,
                'format' => 'DVD',
                'languages' => 'Español',
                'subtitles' => 'Español, Inglés, Francés, Portugués',
                'release_year' => '2012',
                'runtime' => 143,
                'more_details' => 'Director: Damien Chazelle; Productor: David Lancaste'
            ),
            array( 'id' => 'IYN-5172',
                'name' => 'Toy Story 3',
                'price' => 21.29,
                'stock_quantity' => 58,
                'format' => 'Bluray',
                'languages' => 'Inglés, Español',
                'subtitles' => 'Español, Inglés, Alemán, Portugués',
                'release_year' => '2010',
                'runtime' => 103,
                'more_details' => 'Director: Damien Chazelle; Productor: David Lancaste'
            )
        );
        parent::init();
    }
}
```

- Código de “ProductTest”

```
<?php
class ProductTest extends CakeTestCase {

    public $fixtures = array('plugin.debug_kit.product');
    public $dropTables = false;

    public function testProductModel(){
        $this->loadFixtures('Product');
    }
}
```

- Código de “ProductsControllerTest”

```
<?php
class ProductsControllerTest extends ControllerTestCase {

    public $fixtures = array('app.product');
    public $dropTables = false;
    public function truncate($db) { return null; }
    public function drop($db) { return null; }


    public function testAgregarProducto() {
        $data = array('Product' => array('id'           => 'GMR-2072',
                                          'name'         => 'Whiplash',
                                          'price'        => 16.31,
                                          'stock_quantity' => 383,
                                          'format'       => 'Bluray',
                                          'languages'    => 'Inglés, Español',
                                          'subtitles'    => 'Español, Inglés, Francés, Alemán',
                                          'release_year' => '2014',
                                          'runtime'     => 107,
                                          'more_details' => 'Director: Damien Chazelle; Productor: David Lancaсте',
                                          )
        );
        $result = $this->testAction('/products/add',
                                   array('data' => $data, 'method' => 'post')
        );
        debug($result);
    }

    public function testBorrarProducto() {
        $data = array('Product' => array('id'           => 'GMR-2072',
                                          'name'         => 'Whiplash',
                                          'price'        => 16.31,
                                          'stock_quantity' => 383,
                                          'format'       => 'DVD',
                                          'languages'    => 'Inglés, Chino',
                                          'subtitles'    => 'Español, Inglés, Francés, Chino',
                                          'release_year' => '2014',
                                          'runtime'     => 107,
                                          'more_details' => 'Director: Damien Chazelle; Productor: David Lancaсте',
                                          )
        );
        $result = $this->testAction('/products/delete/' . $data['Product']['id']);
        debug($result);
    }

    public function testEditarProducto() {
        $data = array('Product' => array('id'           => 'GMR-2072',
                                          'name'         => 'Whiplash',
                                          'price'        => 16.31,
                                          'stock_quantity' => 383,
                                          'format'       => 'DVD',
                                          'languages'    => 'Inglés, Chino',
                                          'subtitles'    => 'Español, Inglés, Francés, Chino',
                                          'release_year' => '2014',
                                          'runtime'     => 107,
                                          'more_details' => 'Director: Damien Chazelle; Productor: David Lancaсте',
                                          )
        );
        $result = $this->testAction('/products/edit/' . $data['Product']['id']);
        debug($result);
    }
}
?>
```

- Resultados de pruebas unitarias

Running ProductTest

 **PASSED**
testProductModel (0.041041135787964 seconds)

1/1 test methods complete: 1 passes, 0 fails, 0 assertions and 0 exceptions.


Time: 0.041041135787964 seconds


Peak memory: 4.394.992 bytes


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Resultado de la prueba para el Modelo Product (ProductTest)

Running ProductsControllerTest

 **PASSED**
testAgregarProducto (0.31798911094666 seconds)

 **PASSED**
testBorrarProducto (0.13188886642456 seconds)

 **PASSED**
testEditarProducto (0.12797713279724 seconds)

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

Time: 0.57785511016846 seconds

Peak memory: 7.052.784 bytes

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Resultado de la prueba para el Controlador Products (ProductsControllerTest)