PHPUnit is a framework independent library for unit Testing PHP. PHPUnit tests code small amounts of code one bit at a time and compares that to the expected results.

<?php

use PHPUnit\Framework\TestCase;

use PHPUnit\DbUnit\TestCaseTrait;

abstract class MyApp\_Tests\_DatabaseTestCase extends TestCase

{

use TestCaseTrait;

// only instantiate pdo once for test clean-up/fixture load

static private $pdo = null;

// only instantiate PHPUnit\_Extensions\_Database\_DB\_IDatabaseConnection once per test

private $conn = null;

final public function getConnection()

{

if ($this->conn === null) {

if (self::$pdo == null) {

self::$pdo = new PDO('sqlite::memory:');

}

$this->conn = $this->createDefaultDBConnection(self::$pdo, ':memory:');

}

return $this->conn;

}

}

use PHPUnit\Framework\TestCase;

use PHPUnit\DbUnit\TestCaseTrait;

class MyGuestbookTest extends TestCase

{

use TestCaseTrait;

/\*\*

\* @return PHPUnit\_Extensions\_Database\_DB\_IDatabaseConnection

\*/

public function getConnection()

{

$pdo = new PDO('sqlite::memory:');

return $this->createDefaultDBConnection($pdo, ':memory:');

}

/\*\*

\* @return PHPUnit\_Extensions\_Database\_DataSet\_IDataSet

\*/

public function getDataSet()

{

return $this->createFlatXMLDataSet(dirname(\_\_FILE\_\_).'/\_files/guestbook-seed.xml');

}

}