Testing application with Codeception

By default, the basic and advanced Yii2 application skeletons use Codeception as a testing framework. Codeception supports writing of unit, functional, and acceptance tests out of the box. For unit tests, it uses the PHPUnit test framework, which will be covered in the next recipe.

Getting ready

1. Create a new yii2-app-basic application using the Composer package manager, as described in the official guide at [http://www.yiiframework.com/doc-2.0/guide-start-insta]lation.html](http://www.yiiframework.com/doc-2.0/guide-start-installation.html).

**Note**

Note: If your use version 2.0.9 (or earlier) of the basic application just upgrade manually tests directory, and also add config/test .php, config/test\_db .php and web/index-test.php files. Besides you must copy require and require-dev sections of composer .json file and run composer updat e.

2. Create and apply the following migration:

<?php

use yii\db\Migration;

class m160309\_070856\_create\_post extends Migration {

public function up()

{

$this->createTable('{{%post}}', [

'id' => $this->primaryKey(),

'title' => $this->string()->notNull(),

'text' => $this->text()->notNull(),

'status' => $this->smallInteger()->notNull()- >defaultValue(0),

]);

}

public function down()

{

$this->dropTable('{{%post}}');

}

}

3. Create the Post model: namespace app\models; use Yii;

use yii\db\ActiveRecord;

/\*\*

\* @property integer $id

\* @property string $title

\* @property string $text

\* @property integer $status

\* @property integer $created\_at

\* @property integer $updated\_at \*/