Selenium will start Firefox web browser and execute our testing commands.

Creating API test suite

Besides unit, functional, and acceptance suites, Codeception allows to create specific test suites. For example, we can create it for API testing with support of XML and JSON parsing.

1. Create the REST API controller controllers/api/PostsController.php for the Post model: <?php

namespace app\controllers\api;

use yii\rest\ActiveController;

class PostsController extends ActiveController {

public $modelClass = '\app\models\Post';

}

1. Add REST routes for the UrlManager component in config/web. php:

'components' => [

// ...

'urlManager' => [

'enablePrettyUrl' => true,

'showScriptName' => false,

'rules' => [

['class' => 'yii\rest\UrlRule', 'controller' => 'api/posts'],

],

],

**Acceptance Tests (9)**

* AboutCest: Ensure that about works (0.84s)

•/ ContactCest: Ensure that contact page works (0.36s)

•/ ContactCest: Contact form can be submitted (2.94s)

* HomeCest: Ensure that home page works (2.47s)

■/ LoginCest: Ensure that login works (2.67s)

•/ PostsCest: Ensure that post index page works (0.47s) ■/ PostsCest Ensure that post view page works (0.35s)

■/ PostsCest: Ensure that post create page works (4.11s) ■/ PostsCest: Ensure that post view page works (0.35s)

* PostsCest: Test delete (3.61s)

],