Unit testing with Atoum

Besides PHPUnit and Codeception, Atoum is a simple unit testing framework. You can use this framework for testing your extensions or for testing a code of your application.

Getting ready

Create an empty directory for the new project.

How to do it...

In this recipe, we will create a demonstration shopping cart extension with Atoum tests.

**Preparing the extension structure**

1. First, create the directory structure for your extension:

book

1 cart

I— src '— tests

2. For working with the extension as a composer package, prepare the book/cart/composer. j son file as follows:

{

"name": "book/cart",

"type": "yii2-extension",

"require": {

"yiisoft/yii2": "~2.0"

},

"require-dev": {

"atoum/atoum": "A2.7"

},

"autoload": {

"psr -4": {

"book\\cart\\": "src/",

"book\\cart\\tests\\": "tests/"

}

},

"extra": {

"asset-installer-paths": {

"npm-asset-library": "vendor/npm",

"bower-asset-library": "vendor/bower"

}

}

}

3. Add the following lines to the book/cart/, gitignore file:

/vendor

/composer.lock

4. Install all the dependencies of the extension:

composer install