Writing your own validators

Yii provides a good set of built-in form validators that cover the most typical developer needs and are highly configurable. However, in some cases, a developer may need to create a custom validator.

This recipe is a good example of creating a standalone validator that checks the number of words.

Getting ready

Create a new application by using the Composer package manager, as described in the official guide at <http://www.yiiframework.com/doc-2.0/guide-start-installation.html>.

How to do it...

1. Create a standalone validator at @app/components/WordsValidator. php as follows:

<?php

namespace app\components; use yii\validators\Validator; class WordsValidator extends Validator {

public $size = 50;

public function validateValue($value){

if (str\_word\_count($value) > $this->size) {

return ['The number of words must be less than {size}', ['size' => $this->size]];

}

return false;

}

}

2. Create an Article model at @app/models/Article. php as follows:

<?php

namespace app\models; use app\components\WordsValidator; use yii\base\Model; class Article extends Model {

public $title;

public function rules()

{

return [

['title ', 'string'],

['title', WordsValidator::className(), 'size' => 10],

];

}

}

3. Create @app/controllers/ModelValidationController . php as follows:

<?php

namespace app\controllers; use app\models\Article; use yii\helpers\Html; use yii\web\Controller;

class ModelValidationController extends Controller {