Creating a custom client-side validation

In the Writing your own validators recipe, we created a standalone validator. In this recipe, we will modify a validator to create extra client-side validation, which also checks the number of words.

Getting ready

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

How to do it...

1. Create @app/components/WordsValidator.php as follows:

<?php

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

public $size = 50;

public $message = 'The number of words must be less than {size}'; public function validateValue($value)

{

preg\_match\_all('/(\w+)/i', $value, $matches); if (count($matches[0]) > $this->size) {

return [$this->message, ['size' => $this->size]];

}

}

public function clientValidateAttribute($model, $attribute, $view)

{

$message = strtr($this->message, ['{size}' => $this->size]); return <<<JS

if (value.split(/\w+/gi).length > $this->size ) { messages.push("$message");

}

JS;

}

}

2. Create @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/ValidationController . php as follows: