Creating filters

A filter is a class that can run before/after an action is executed. It can be used to modify execution context or decorate output. In our example, we’ll implement a simple access filter that will allow the user to see private content only after accepting the User agreement.

Getting ready

Create a new yii2-app-basic application using the composer, as described in the official guide at <http://www.yiiframework.com/doc-2.0/guide-start-installation.html>.

How to do it...

1. Create the agreement form model:

<?php

namespace app\models;

use yii\base\Model;

class AgreementForm extends Model {

public $accept;

public function rules()

{

return [

['accept', 'required'],

['accept', 'compare', 'compareValue' => 1, 'message' => 'You must agree the rules.'],

];

}

public function attributeLabels()

{

return [

'accept' => 'I completely accept the rules.'

];

}

}

2. Create the agreement checker service:

<?php

namespace app\services; use Yii;

use yii\web\Cookie;

class AgreementChecker {

public function isAllowed()

{

return Yii::$app->request->cookies->has('agree');

}

public function allowAccess()

{