Using RBAC

Role-Based Access Control (RBAC) provides simple yet powerful centralized access control. It is the most powerful access control method available in Yii. It is described in the guide, but since it is rather complex and powerful, it is not as easy to understand without getting under the hood a little.

In this recipe, we will take the roles hierarchy from the definitive guide, import it, and explain what is happening internally.

Getting ready

1. Create a new application by using the Composer package manager, as described in the official guide at [http://www. yiiframework. c om/doc-2.0/guide -start-installation .html](http://www.yiiframework.com/doc-2.0/guide-start-installation.html).

2. Create a MySQL database and configure it.

3. Configure the authManager component in your config/main . php and config/console . php as follows:

return [

// ...

'components' => [

'authManager' => [

'class' => 'yii\rbac\DbManager',

],

// ...

],

];

4. Run the migration:

yii migrate --migrationPath=@yii/rbac/migrations

How to do it...

Carry out the following steps:

1. Create the access rule rbac/AuthorRule. php:

<?php

namespace app\rbac; use yii\rbac\Rule;

/\*\*

\* Class AuthorRule.

\* @package app\rbac \*/

class AuthorRule extends Rule {

public $name = 'isAuthor';

/\*\*

\* @param int|string $user

\* @param \yii\rbac\Item $item