Customizing the ActiveQuery class

By default, all Active Record queries are supported by yii\db\ActiveQuery. To use a customized query class in an Active Record class, you should override the yii\db\ActiveRecord: : find() method and return an instance of your customized query class.

Getting ready

1. Create a new application using the Composer package manager, as described in the official guide at <http://www.yiiframework.com/doc-2.0/guide-start-installation.html>.
2. Set up the database connection and create a table named post, as follows:

DROP TABLE IF EXISTS 'post';

CREATE TABLE IF NOT EXISTS 'post' (

'id' INT(10) UNSIGNED NOT NULL AUTO\_INCREMENT,

'lang' VARCHAR(5) NOT NULL DEFAULT 'en',

'title' VARCHAR(255) NOT NULL,

'text' TEXT NOT NULL,

PRIMARY KEY ('id')

);

INSERT INTO 'post'('id','lang','title','text')

VALUES (1,'en\_us','Yii news','Text in English'),

(2,'de','Yii Nachrichten','Text in Deutsch');

1. Generate a Post model using Gii with an enabled Generate ActiveQuery option that generates the PostQuery class.

How to do it...

1. Add the following method to models/PostQuery .php:

<?php

namespace app\models;

/\*\*

* This is the ActiveQuery class for [[Post]].

\*

\* @see Post \*/

class PostQuery extends \yii\db\ActiveQuery {

/\*\*

* @param $lang

\*

\* @return $this \*/

public function lang($lang)

{

return $this->where([ 'lang' => $lang ]);

}

}

1. That is it. Now, we can use our model. Create controllers/DbController.php as follows:

<?php