Using regular expressions in URL rules

One of the hidden features of the Yii URL router is that you can use regular expressions that are pretty powerful for handling strings.

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. In your @app/controllers directory, create Postcontroller. php using the following:

<?php

namespace app\controllers;

use yii\helpers\Html; use yii\web\Controller;

class PostController extends Controller {

public function actionView($alias)

{

return $this->renderContent(Html::tag('h2',

'Showing post with alias ' . Html::encode($alias)

));

}

public function actionIndex($type = 'posts', $order = 'DESC')

{

return $this->renderContent(Html::tag('h2',

'Showing ' . Html::encode($type) . ' ordered ' . Html::encode($order)

));

}

public function actionHello($name)

{

return $this->renderContent(Html::tag('h2',

'Hello, ' . Html::encode($name) . '!'

));

}

}

This is our application controller that we are going to access using our custom URLs.

3. Configure your application server to use clean URLs. If you are using Apache with mod\_rewrite and AllowOverride turned on, then you should add the following lines to the . htaccess file under your @web folder:

Options +FollowSymLinks IndexIgnore \*/\*

RewriteEngine on

# if a directory or a file exists, use it directly RewriteCond %{REQUEST\_FILENAME} !-f RewriteCond %{REQUEST\_FILENAME} !-d

# otherwise forward it to index.php RewriteRule . index.php