

PHP Laravel Course

created by

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8 Laravel Request

Retrieving the Request URI

The “path” method is used to retrieve the requested URI. The “is” method is used to retrieve the requested URI which matches the particular pattern specified in the argument of the method. To get the full URL, we can use the “url” method.

Step 1: Execute the below command to create a new controller called UriController.

```
php artisan make:controller UriController --resource
```

Step 2: After successful execution of the URL, it will show success message.

Step 3: After creating a controller, add the following code in that file.

```
app/Http/Controllers/UriController.php
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Http\Requests;
use App\Http\Controllers\Controller;
class UriController extends Controller
{
public function index(Request $request){
    // Usage of path method
    $path = $request->path();
    echo 'Path Method: '.$path;
```

```
    echo '<br>';  
    // Usage of is method  
    $pattern = $request->is('foo/*');  
    echo 'is Method: '.$pattern;  
    echo '<br>';  
    // Usage of url method  
    $url = $request->url();  
    echo 'URL method: '.$url;  
    }  
}
```

Step 4: Add the following line in the app/Http/routes/web.php file.

routes/web.php

```
Route::get('/foo/bar', 'UriController@index');
```

Step 5: Visit the following URL.

<http://localhost:8000/foo/bar>

Retrieving Input

The input values can be easily retrieved in Laravel. No matter what method was used **“get” or “post”**, the Laravel method will retrieve input values for both the methods the same way. There are two ways we can retrieve the input values.

- *Using the input() method*

- *Using the properties of Request instance*

Using the input() method

The input() method takes one argument, the name of the field in form. For example, if the form contains username field then we can access it by the following way.

```
$name = $request->input('username');
```

Using the properties of Request instance

Like the input() method, we can get the username property directly from the request instance.

```
$request->username
```

Example

Step 1: Create a Registration form, where user can register himself and store the form at resources/views/register.php

```
<html>
<head>
<title>Form Example</title>
</head>
<body>
<form action="/user/register" method="post">
<input type="hidden" name="_token" value="<?php echo csrf_token() ?>">
<table>
<tr>
<td>Name</td>
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<td><input type="text" name="name" /></td>
</tr>
<tr>
<td>Username</td>
<td><input type="text" name="username" /></td>
</tr>
<tr>
<td>Password</td>
<td><input type="text" name="password" /></td>
</tr>
<tr>
<td colspan="2" align="center"><input type="submit"
value="Register" /></td>
</tr>
</table>
</form>
</body>
</html>
```

Step 2: Execute the below command to create a UserRegistration controller.

```
php artisan make:controller UserRegistration --resource
```

Step 3: After successful execution, you will show success message.

Step 4: Copy the following code in app/Http/Controllers/UserRegistration.php controller.

app/Http/Controllers/UserRegistration.php

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Http\Requests;
use App\Http\Controllers\Controller;
class UserRegistration extends Controller
{
public function postRegister(Request $request){
//Retrieve the name input field
$name = $request->input('name');
echo 'Name: '.$name;
echo '<br>';
//Retrieve the username input field
$username = $request->username;

echo 'Username: '.$username;
echo '<br>';
//Retrieve the password input field
$password = $request->password;
echo 'Password: '.$password;
}
}
```

Step 5: Add the following line in routes/web.php file.

routes/web.php

```
Route::get('/register',function(){  
return view('register');  
});  
Route::post('/user/register',array('uses'=>'UserRegistration@postRegister'));
```

Step 6: Visit the following URL and you will see the registration form as shown in the below figure. Type the registration details and click Register and you will see on the second page that we have retrieved and displayed the user registration details.

<http://localhost:8000/register>

Step 7: The output will look something like as shown in below the following images.

Name	<input type="text" value="Virat"/>	Name: Virat
Username	<input type="text" value="virat.gandhi"/>	Username: virat.gandhi
Password	<input type="text" value="asdadf"/>	Password: asdadf
	<input type="button" value="Register"/>	