

## Laravel - Routing

---

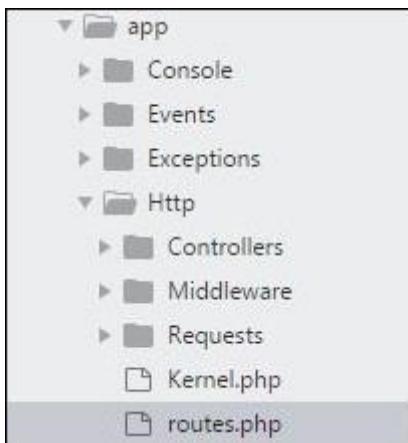
In Laravel, all requests are mapped with the help of routes. Basic routing routes the request to the associated controllers. This chapter discusses routing in Laravel.

Routing in Laravel includes the following categories –

- Basic Routing
- Route parameters
- Named Routes

### Basic Routing

All the application routes are registered within the **app/routes.php** file. This file tells Laravel for the URIs it should respond to and the associated controller will give it a particular call. The sample route for the welcome page can be seen as shown in the screenshot given below –



```
Route::get('/', function () {  
    return view('welcome');});
```

### Example

Observe the following example to understand more about Routing

-

### **app/Http/routes.php**

```
<?php
```

```
Route::get('/', function () {
```

```
    return view('welcome');
```

```
});
```

### **resources/view/welcome.blade.php**

```
<!DOCTYPE html>
```

```
<html>
```

```
    <head>
```

```
        <title>Laravel</title>
```

```
        <link href = "https://fonts.googleapis.com/css?family=Lato:100" rel = "stylesheet"
```

```
            type = "text/css">
```

```
    <style>
```

```
        html, body {
```

```
            height: 100%;
```

```
}
```

```
body {  
    margin: 0;  
    padding: 0;  
    width: 100%;  
    display: table;  
    font-weight: 100;  
    font-family: 'Lato';  
}  
  
.container {  
    text-align: center;  
    display: table-cell;  
    vertical-align: middle;  
}  
  
.content {  
    text-align: center;  
    display: inline-block;  
}  
  
.title {  
    font-size: 96px;  
}
```

```

</style>

</head>

<body>

<div class = "container">

<div class = "content">

<div class = "title">Laravel 5.1</div>

</div>

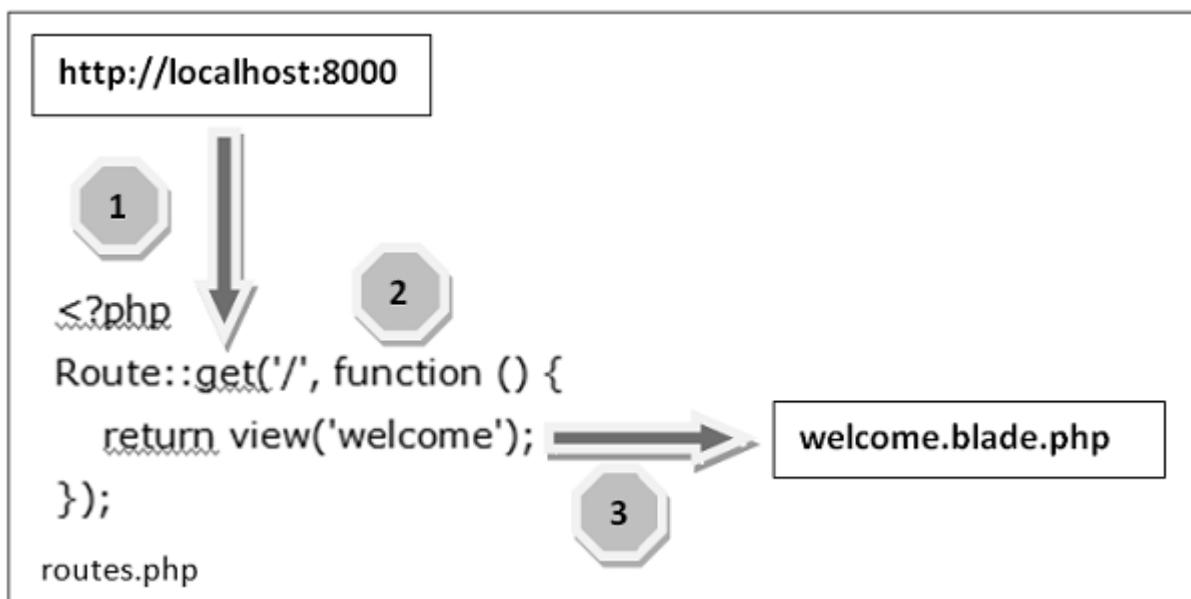
</div>

</body>

</html>

```

The routing mechanism is shown in the image given below –



Let us now understand the steps involved in routing mechanism in detail –

**Step 1** – Initially, we should execute the root URL of the application.

**Step 2** – Now, the executed URL should match with the appropriate method in the **route.php** file. In the present case, it should match the method and the root (/) URL. This will execute the related function.

**Step 3** – The function calls the template file **resources/views/welcome.blade.php**. Next, the function calls the **view()** function with argument **welcome** without using the **blade.php**.

This will produce the HTML output as shown in the image below –



Laravel 5