

Routing Requests to Blade Views



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Blade

Templating engine included with Laravel.



Blade Templating Engine

```
<html>
<body>

<h1>Post title</h1>
<hr>
<p>Post description about the post.</p>

</body></html>
```

index.blade.php



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index.blade.php



Blade Templating Engine

```
<html>
<body>

<h1><?php echo $post_title; ?></h1>
<hr>
<p><?php echo $post_description; ?></p>

</body></html>
```

index.blade.php



Blade Templating Engine

{{ "echo" }}

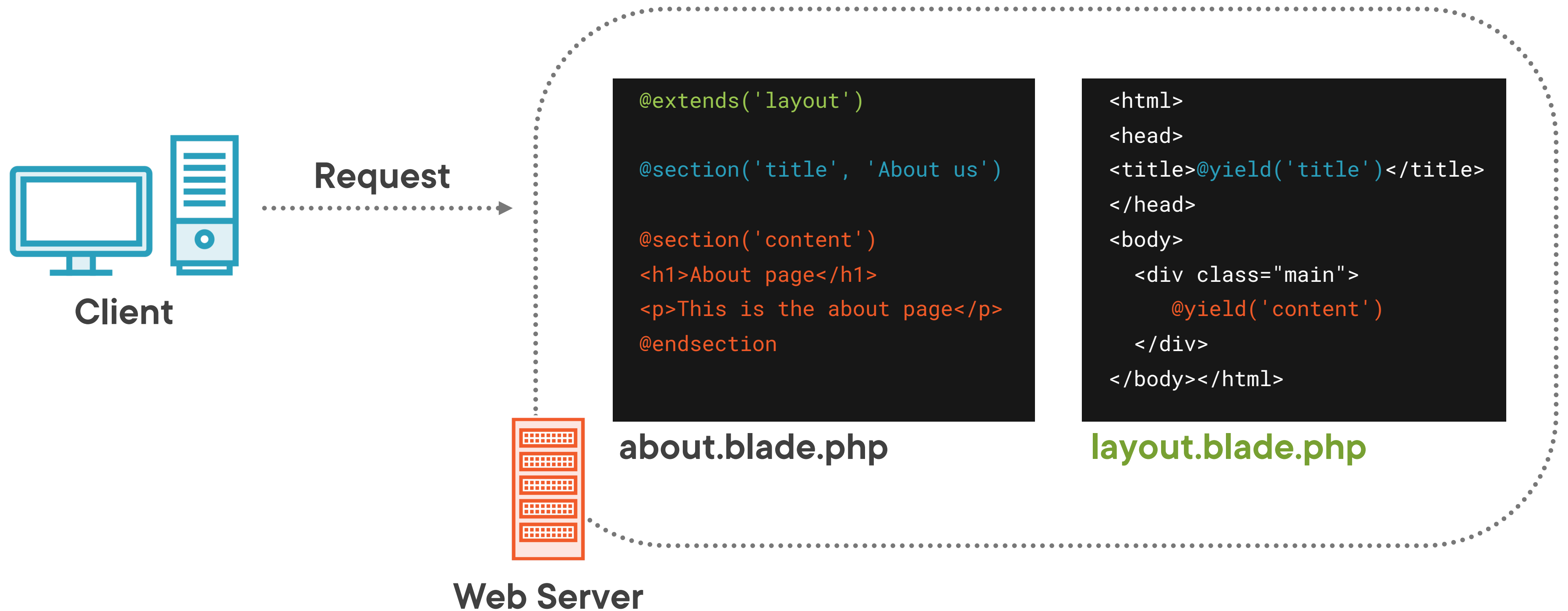
Echo statements
Display data on the page

@directive

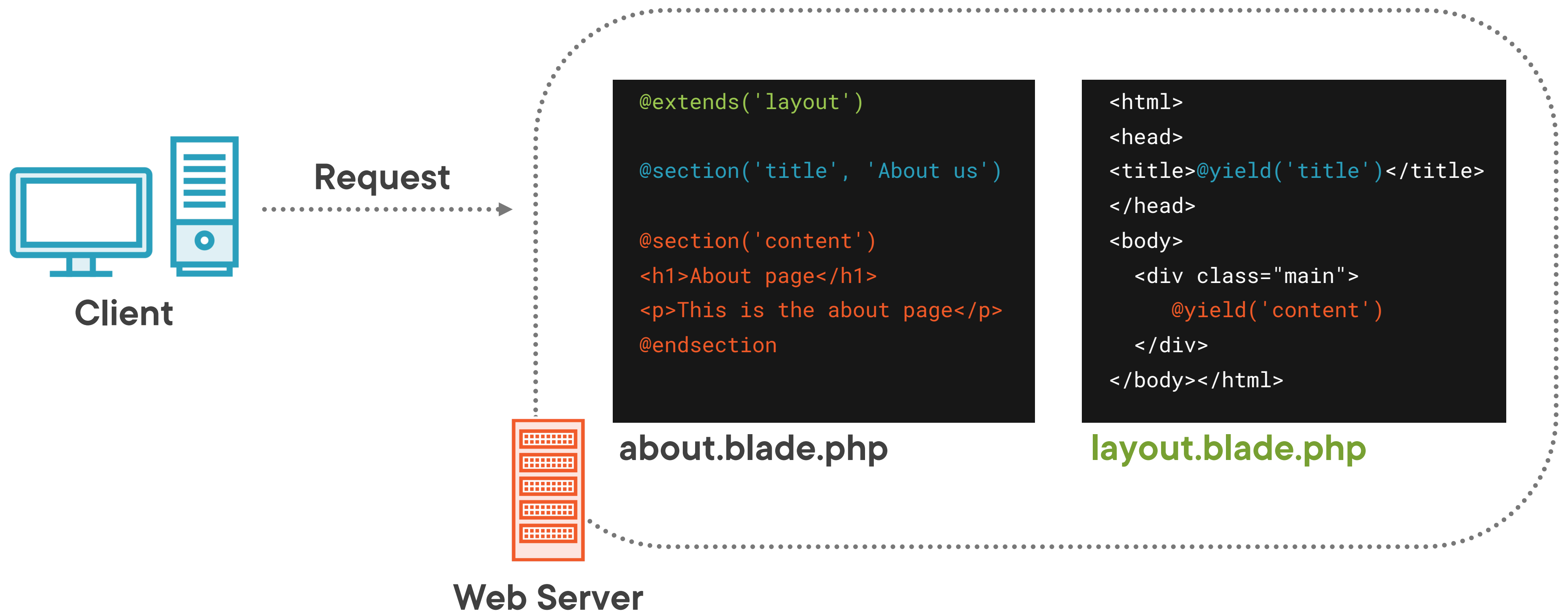
Directives
Implement functionality and logic
in templates



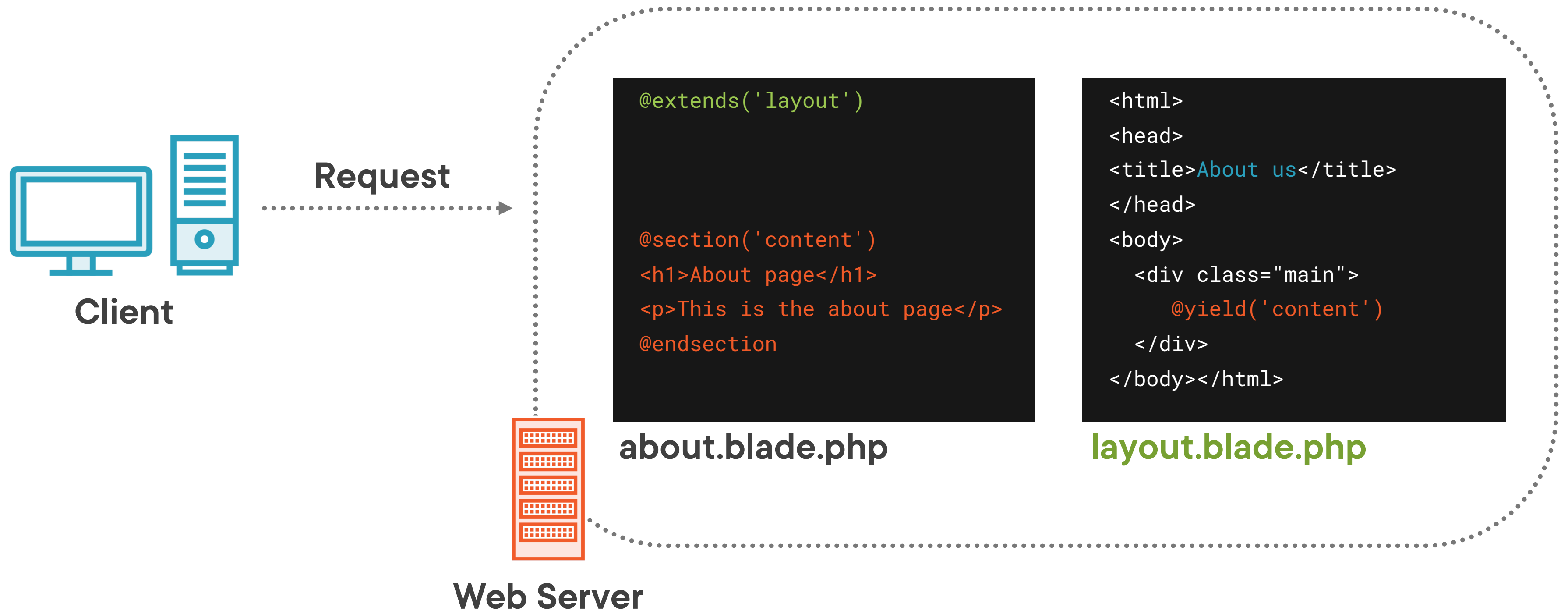
Building Layouts with Template Inheritance



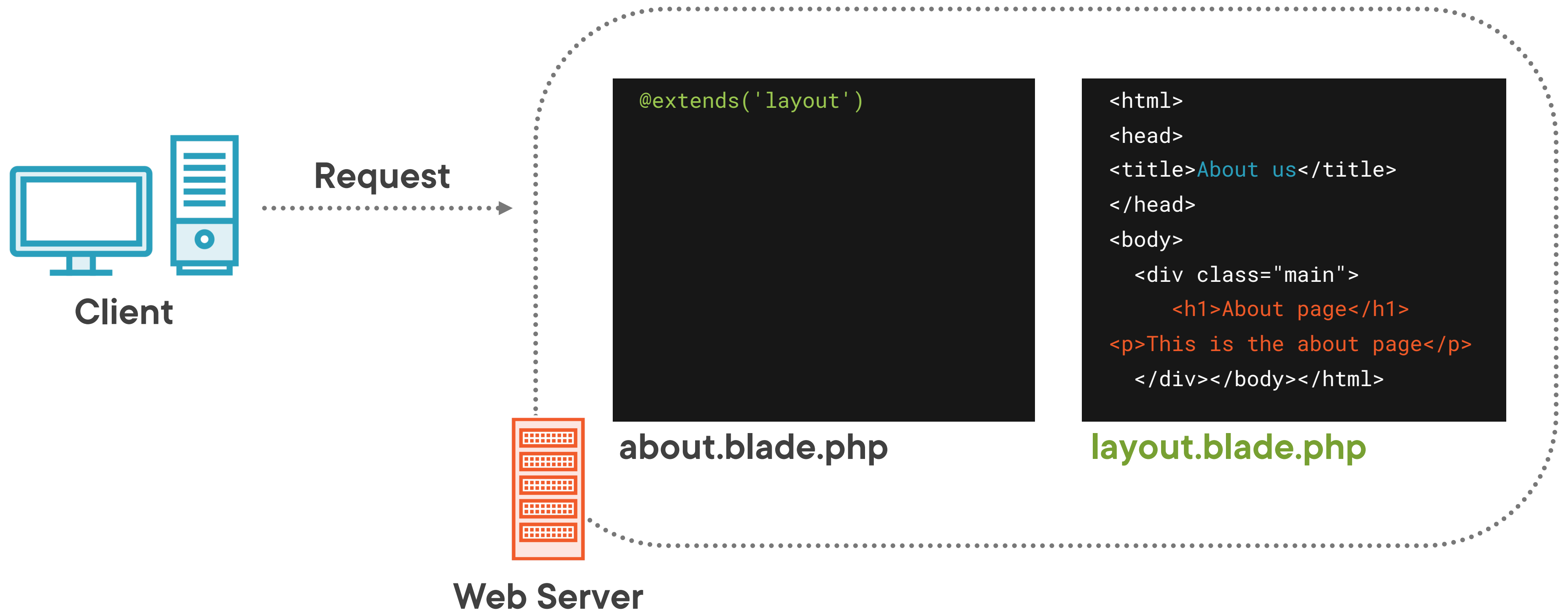
Building Layouts with Template Inheritance



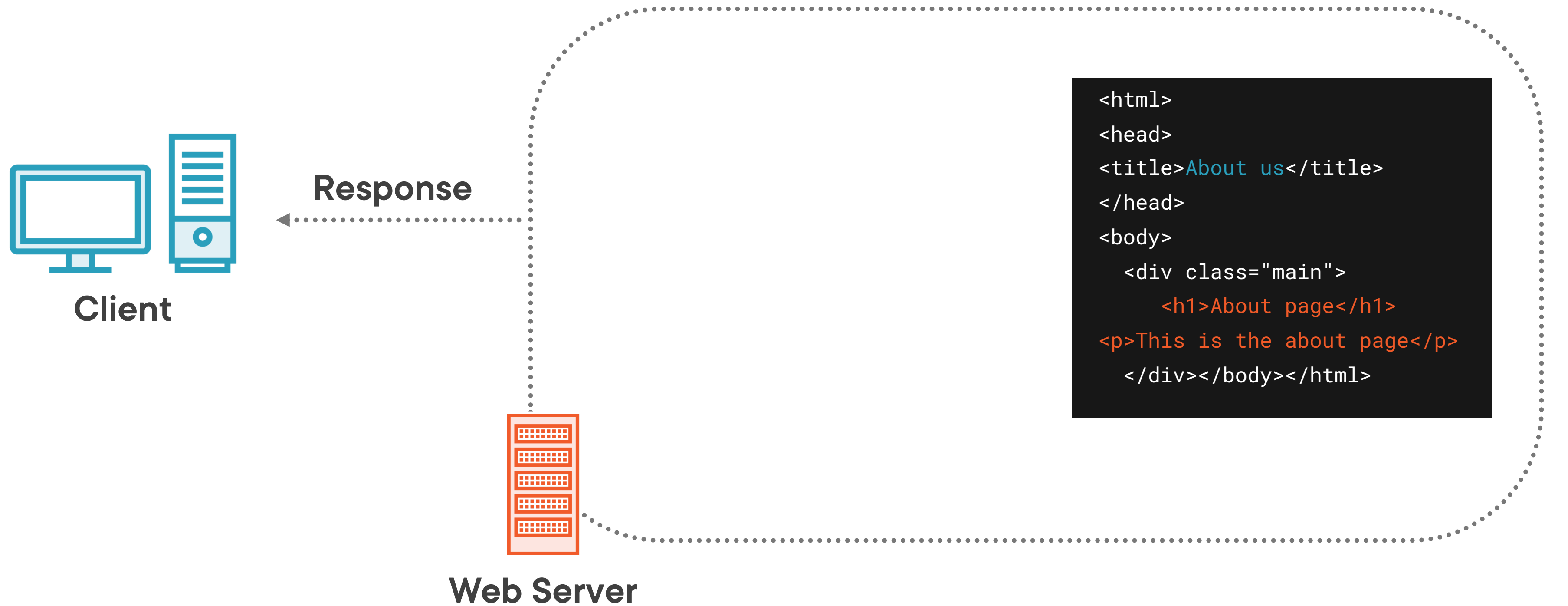
Building Layouts with Template Inheritance



Building Layouts with Template Inheritance



Building Layouts with Template Inheritance



Summary



Defining Routes

Define a new route in **routes/web.php**

```
Route::get('/', function () {  
    return "<h1>Home page</h1>";  
});
```

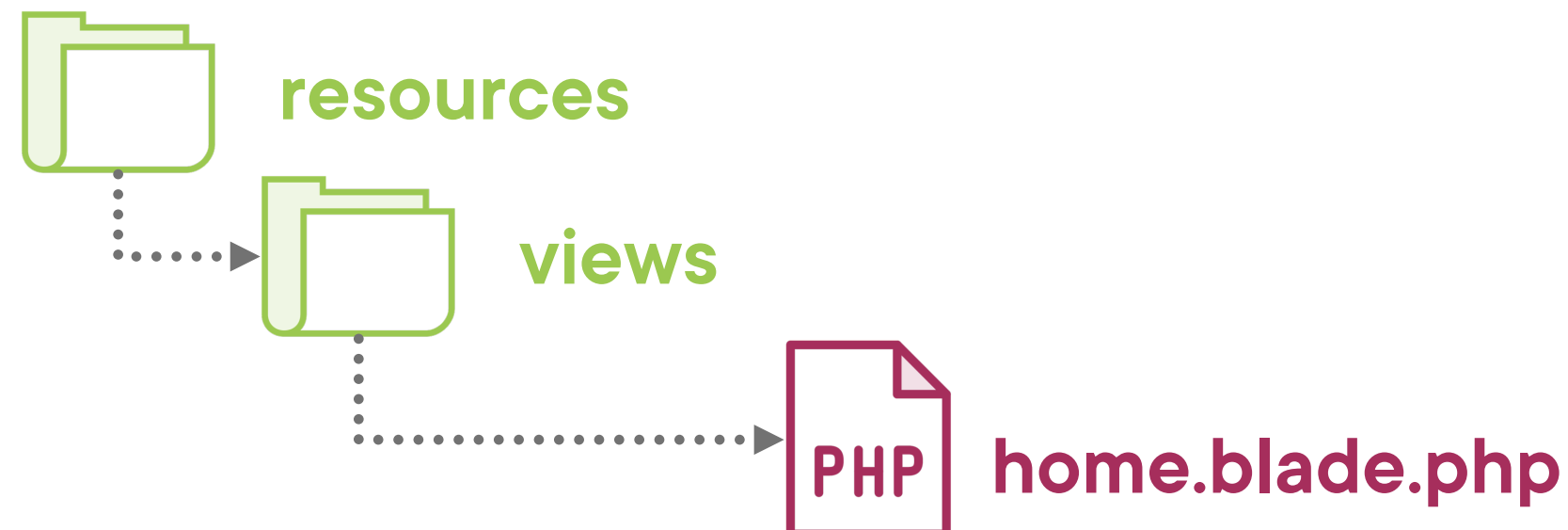


Rendering View Templates

Define a new route in **routes/web.php**

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

Create view templates in **resources/views/** directory



Blade Templating Engine

{{ "echo" }}

Echo statements
Display data on the page

@directive

Directives
Implement functionality and logic
in templates



Building Layouts with Template Inheritance

Extend the master layout

```
@extends('layout')

@section('title', 'About us')

@section('content')
<h1>About page</h1>
<p>This is the about page</p>
@endsection
```

about.blade.php

Define the master layout

```
<html>
<head>
<title>@yield('title')</title>
</head>
<body>
    <div class="main">
        @yield('content')
    </div>
</body></html>
```

layout.blade.php



Styling Active Links

Exercise: Add **active** class to the navigation link if its URL matches the requested URL

Use the **@if** directive

```
@if (request()->routeIs('home'))
<li><a class="active" href="{{ route('home') }}">Home</a></li>
@else
<li><a href="{{ route('home') }}">Home</a></li>
@endif
```

Use echo statements with PHP expressions

```
<li>
  <a class="
    {{ request()->routeIs('home') ? 'active' : '' }}
    "
    href="{{ route('home') }}">
    Home</a>
</li>
```

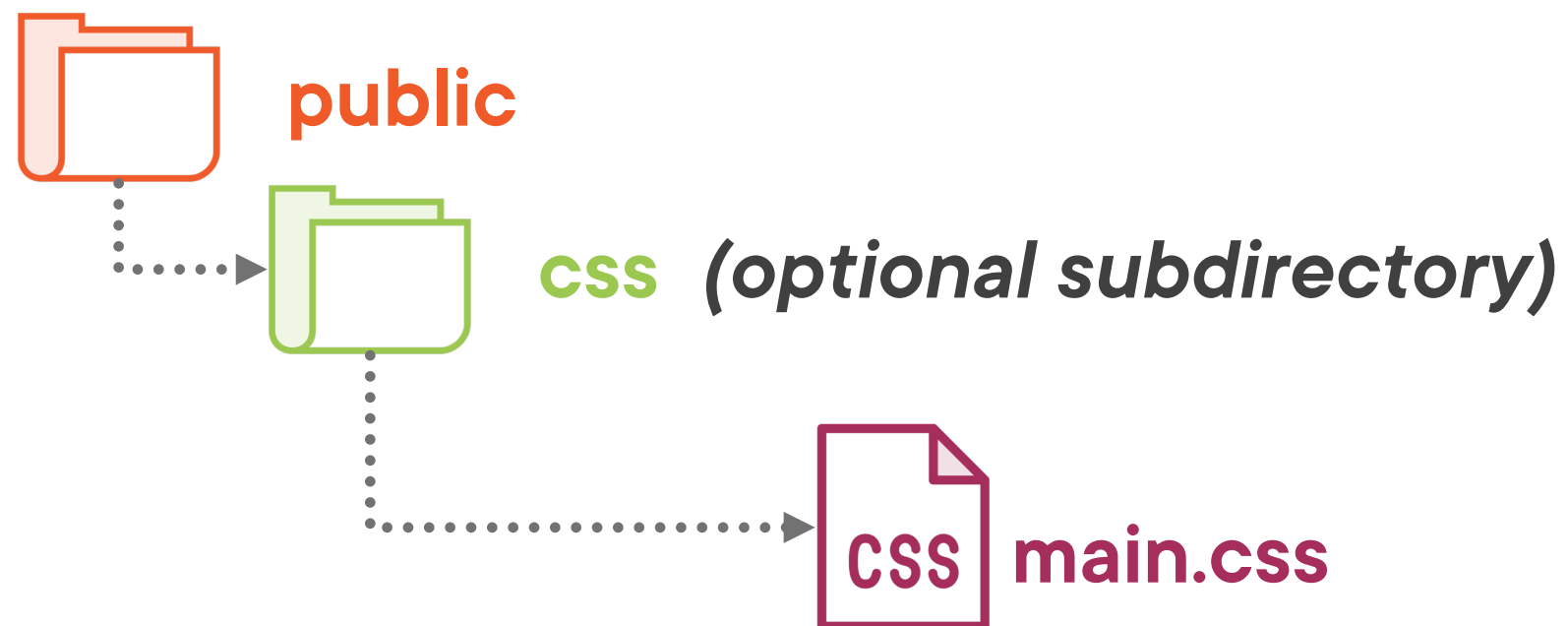


Serving Static Assets

Generate a URL for a static asset (e.g. CSS, Javascript, images)

```
<link rel="stylesheet"
      href="{{ asset('css/main.css') }}">
```

Assets should be placed inside of the **public/** directory



Naming Routes

Provide a name for the route with the **name()** method

```
Route::get( '/' , function () {  
    return "<h1>Home page</h1>";  
})->name( 'home' );
```

Generate a full URL path from the route name

```
<li>  
    <a href="{{ route( 'home' ) }}">Home</a>  
</li>
```



Up Next:

Processing and Validating User Input

