



Laravel – ett fullskaligt MVC-ramverk

Fortsättning...

Dagens agenda

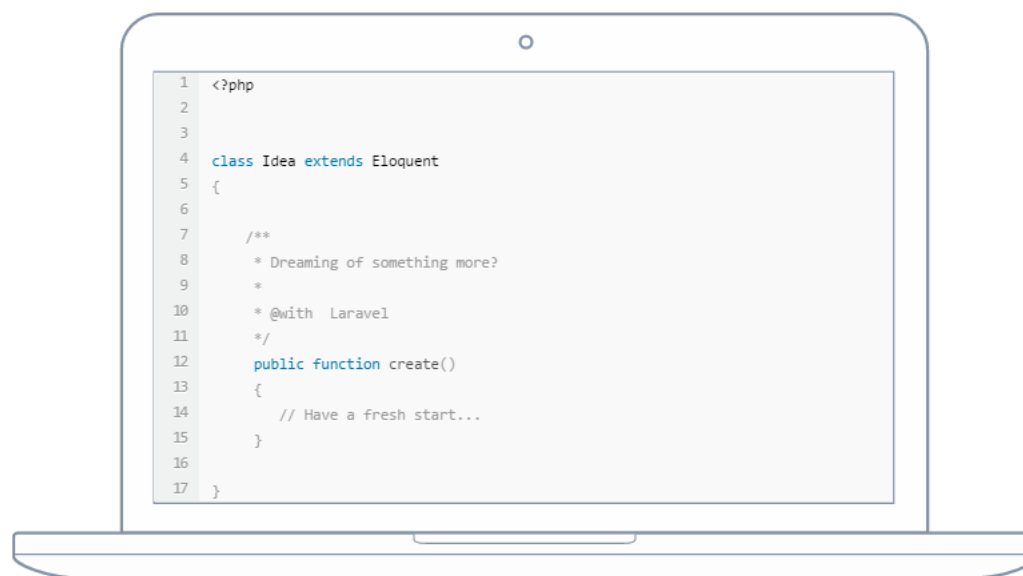
- Repetition Laravel
- Resurser i Laravel
 - JavaScript
 - CSS
 - Bilder
 - Etc.
- Middleware i Laravel
- Användarhantering i Laravel
 - Användardatabas
 - Inloggning
- Summering av denna del i kursen

Repetition

Laravel med tillhörande koncept

Love beautiful code? We do too.

The PHP Framework For Web Artisans



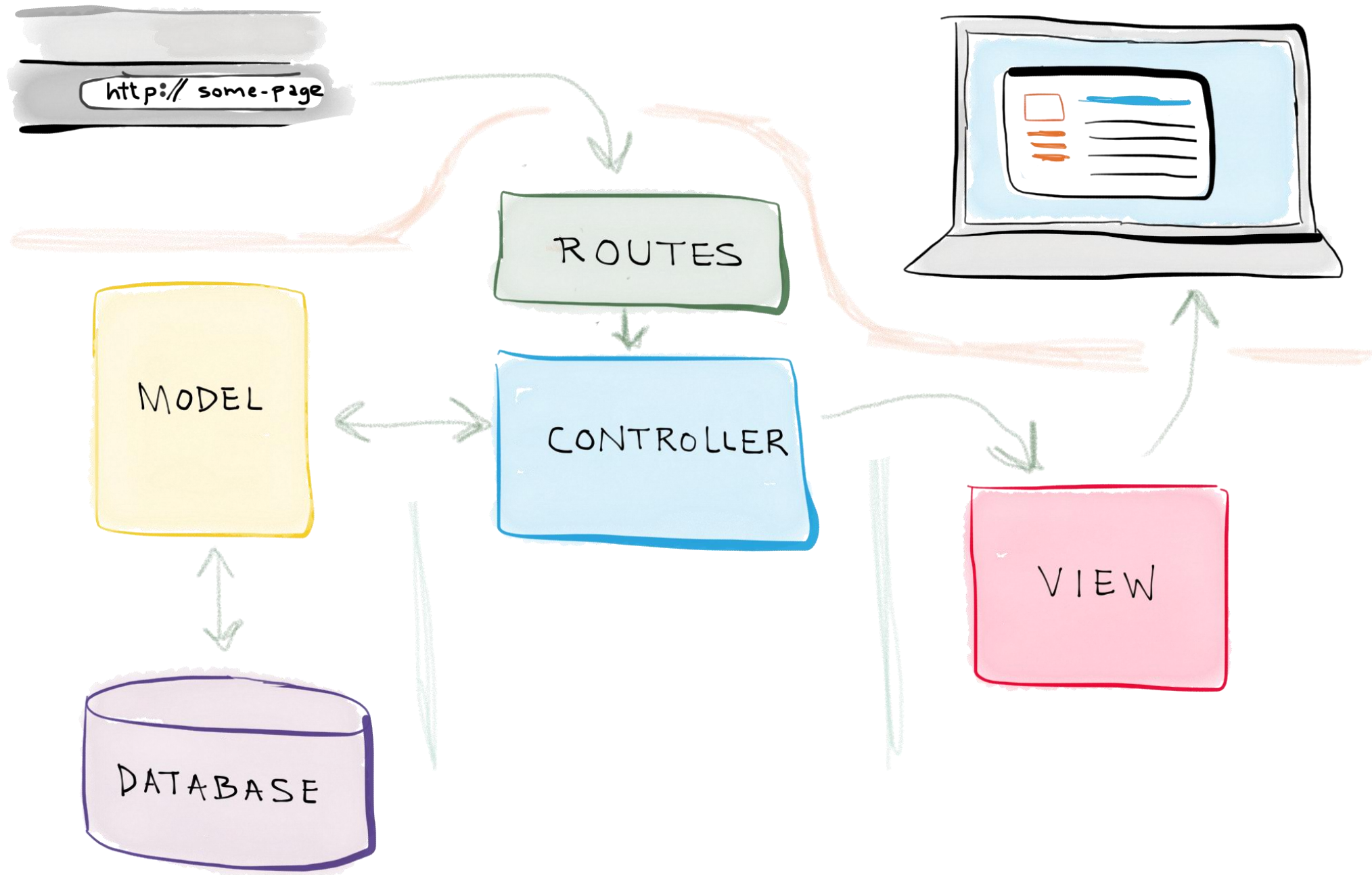
SEE WHAT'S NEW!

Laravel Scout 

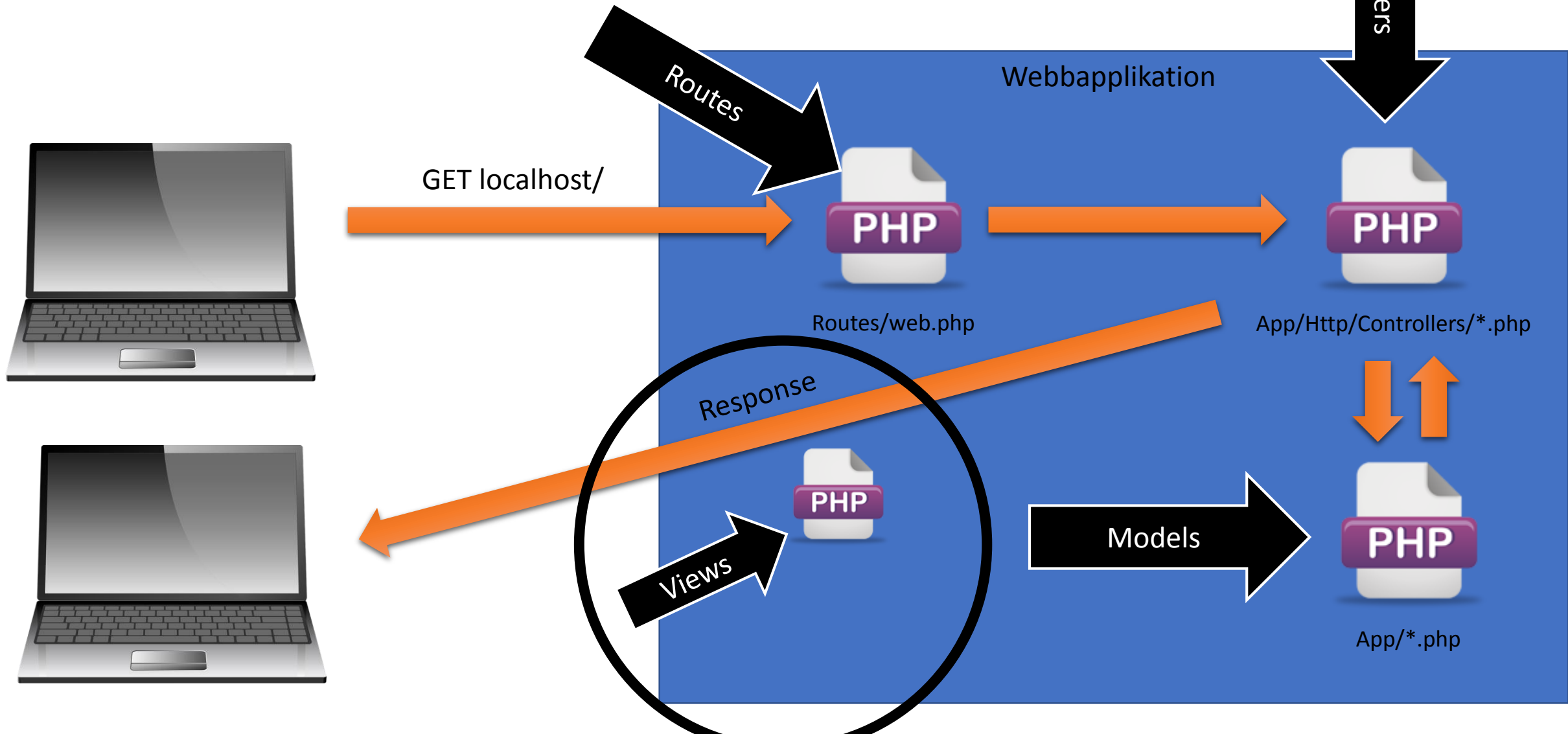
Laravel Echo 

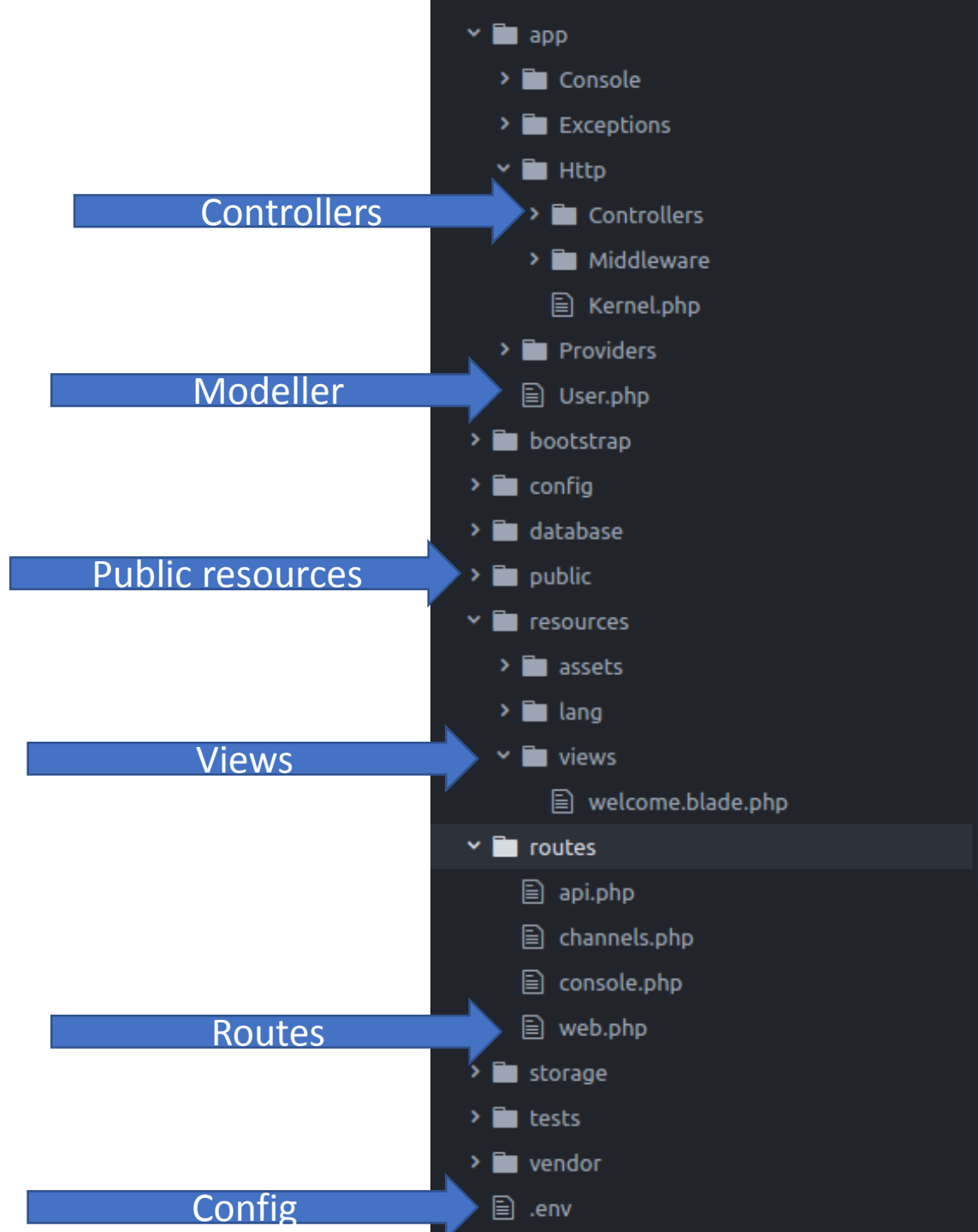
Laravel Passport 

<https://laravel.com/>



Hur fungerar Laravel?

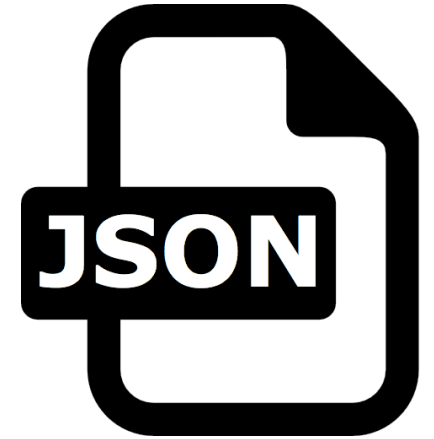




Lumen =>

Routes
Controllers
Models
Database

=> JSON-data



Laravel =>

Routes
Controllers
Models
Database

=> Webbbsida





Slack - it's teamwork, but simpler, more pleasant and more productive.

ads via Carbon

Prologue 


Getting Started 

Architecture Concepts 

The Basics 

Frontend 

Security 

Digging Deeper 

Database 

Eloquent ORM 

Testing 

Official Packages 

The Basics

Routing

Middleware

CSRF Protection

Controllers

Requests

Responses

Views

Session

Validation

Errors & Logging

Frontend

Blade Templates

Localization

Frontend Scaffolding

Compiling Assets

Database

Getting Started

Query Builder

Pagination

Migrations

Seeding

Redis

Eloquent ORM

Getting Started

Relationships

Collections

Mutators

Serialization

php artisan

Ett hjälpmedel för att snabba upp utvecklingen av webbapplikationer



and the awesome



Resurser till vår webbplats

CSS / JavaScript / Bilder / etc.

Branch: master

da287a-laravel-movie-example / resources / views / movies / master.blade.php

Find file

Copy path

Tibbelit Todays example!

bf4952d 7 days ago

1 contributor

49 lines (43 sloc) | 1.99 KB

Raw

Blame

History



```
1 <!doctype html>
2 <html>
3   <head>
4     <meta charset="utf-8">
5     <title>Movies</title>
6     <!-- Latest compiled and minified CSS -->
7     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" integrity="sha384-BVYiiSIFeK1dGmJ
8
9     <!-- Optional theme -->
10    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css" integrity="sha384-rHy0NlirS
11
12    <!-- Latest compiled and minified JavaScript -->
13    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWvXZxUP
14  </head>
15  <body>
16    <div class="container">
17      <nav class="navbar navbar-default">
18        <div class="container-fluid">
19          <!-- Brand and toggle get grouped for better mobile display -->
20          <div class="navbar-header">
21            <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">
22              <span class="sr-only">Toggle navigation</span>
23              <span class="icon-bar"></span>
24              <span class="icon-bar"></span>
25              <span class="icon-bar"></span>
26            </button>
27            <a class="navbar-brand" href="#">My awesome movie webb app!</a>
28          </div>
29
30          <!-- Collect the nav links, forms, and other content for toggling -->
31          <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
32            <ul class="nav navbar-nav">
33              <li><a href="/movies">Start</a></li>
34              <li><a href="/movies/create">Lägg till film</a></li>
35            </ul>
36          </div><!-- /.navbar-collapse -->
37        </div><!-- /.container-fluid -->
38      </nav>
```

CSS

CSS

JavaScript

Hur s

<https://github.com/Tibbelit/da287a-laravel-movie-example/blob/master/resources/views/movies/master.blade.php>

en?



Vi länkar in CSS & JavaScript från Bootstraps webbplats

För- och nackdelar med detta?

Hjälpfunktioner i Laravel

Paths

[app_path](#)

[base_path](#)

[config_path](#)

[database_path](#)

[mix](#)

[public_path](#)

[resource_path](#)

[storage_path](#)

Strings

[camel_case](#)

[class_basename](#)

[e](#)

[ends_with](#)

[kebab_case](#)

[snake_case](#)

[str_limit](#)

[starts_with](#)

[str_contains](#)

[str_finish](#)

[str_is](#)

[str_plural](#)

[str_random](#)

[str_singular](#)

[str_slug](#)

[studly_case](#)

[title_case](#)

[trans](#)

[trans_choice](#)

URLs

[action](#)

[asset](#)

[secure_asset](#)

[route](#)

[secure_url](#)

[url](#)

Miscellaneous

[abort](#)

[abort_if](#)

[abort_unless](#)

[auth](#)

[back](#)

[bcrypt](#)

[cache](#)

[collect](#)

[config](#)

[csrf_field](#)

[csrf_token](#)

[dd](#)

[dispatch](#)

[env](#)

[event](#)

[factory](#)

[info](#)

[logger](#)

[method_field](#)

[old](#)

[redirect](#)

[request](#)

[response](#)

[retry](#)

[session](#)

[value](#)

[view](#)

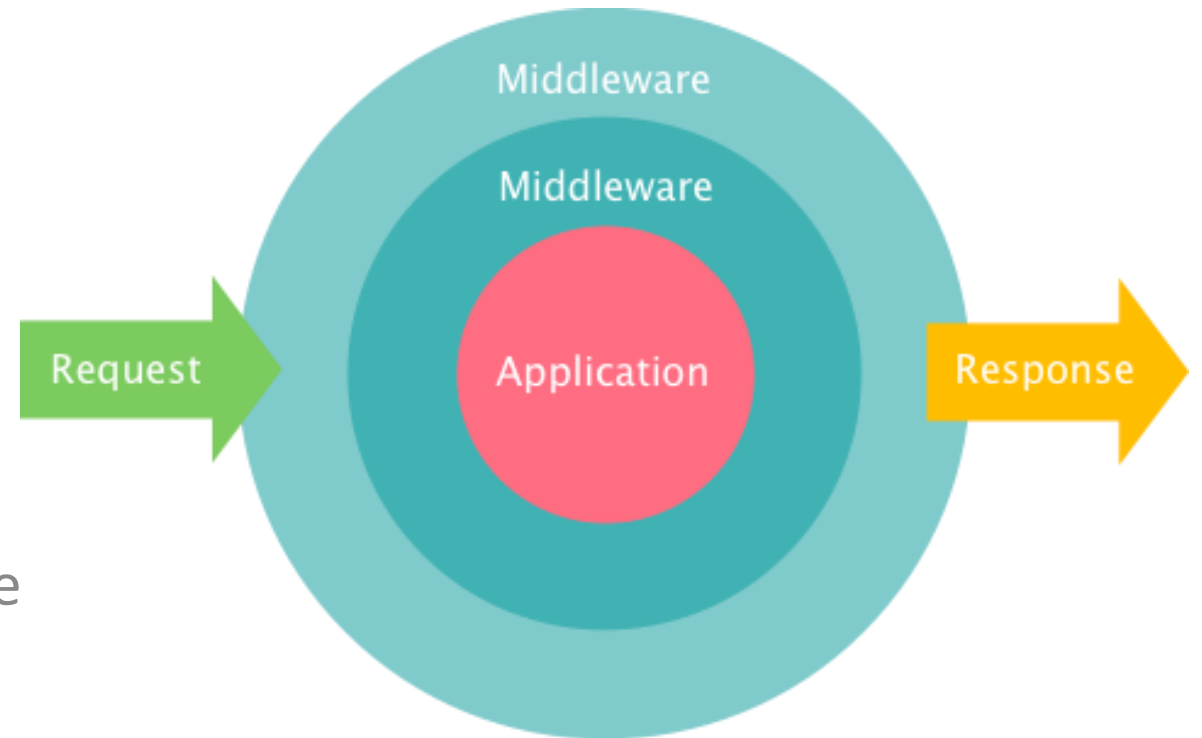
Använd "asset()" -funktionen

Demo – Komplett användargränssnitt

En simpel Laravel-applikation

Middleware

<https://laravel.com/docs/5.4/middleware>



Middleware

- Vi har vi sett det innan

CSRF Protection

- # Introduction
- # Excluding URIs
- # X-CSRF-Token
- # X-XSRF-Token

Introduction

Laravel makes it easy to protect your application from [cross-site request forgery](#) (CSRF) attacks. Cross-site request forgeries are a type of malicious exploit whereby unauthorized commands are performed on behalf of an authenticated user.

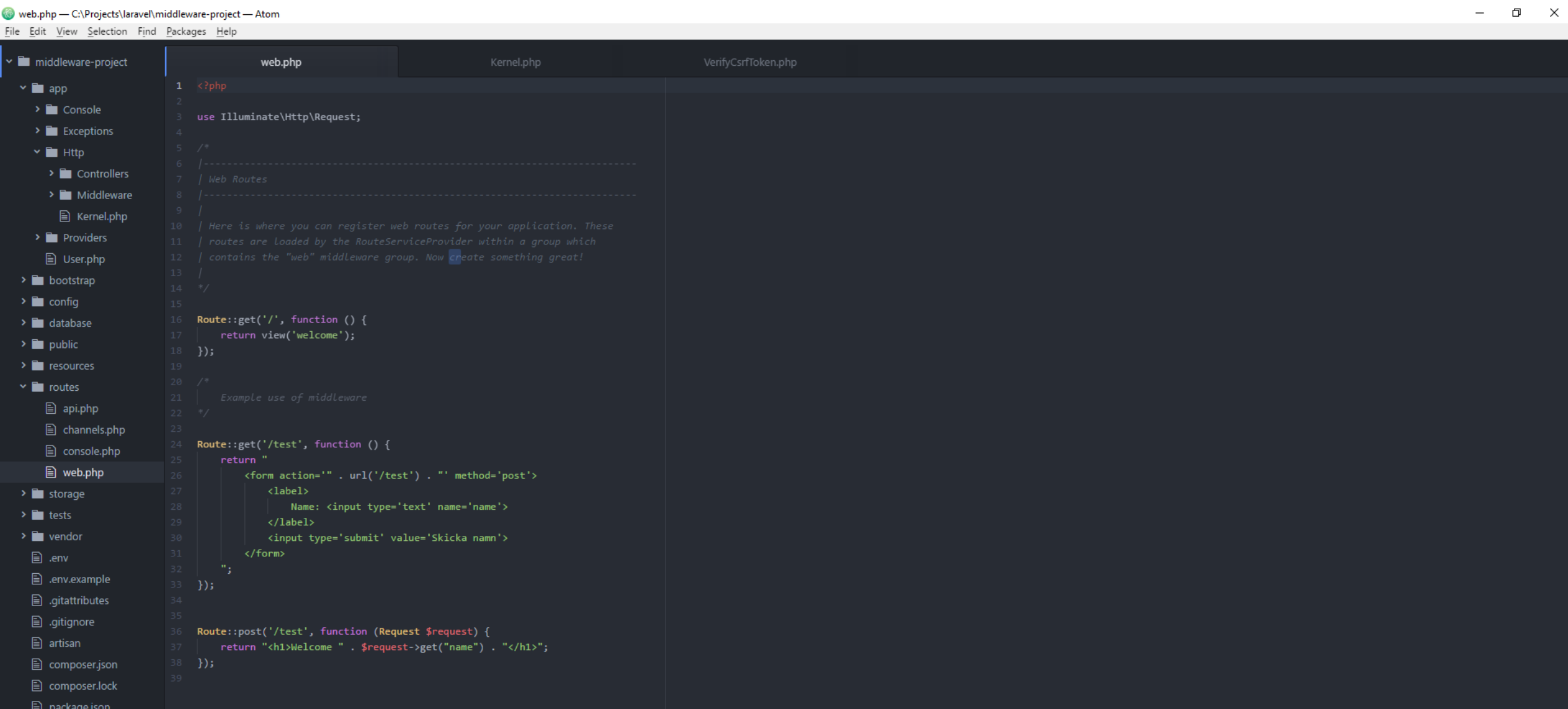
Laravel automatically generates a CSRF "token" for each active user session managed by the application. This token is used to verify that the authenticated user is the one actually making the requests to the application.

Anytime you define a HTML form in your application, you should include a hidden CSRF token field in the form so that the CSRF protection middleware can validate the request. You may use the `csrf_field` helper to generate the token field:

```
<form method="POST" action="/profile">
    {{ csrf_field() }}
    ...
</form>
```

The `VerifyCsrfToken` [middleware](#), which is included in the `web` middleware group, will automatically verify that the token in the request input matches the token stored in the session.

Exempelanvändning av middleware - CSRF

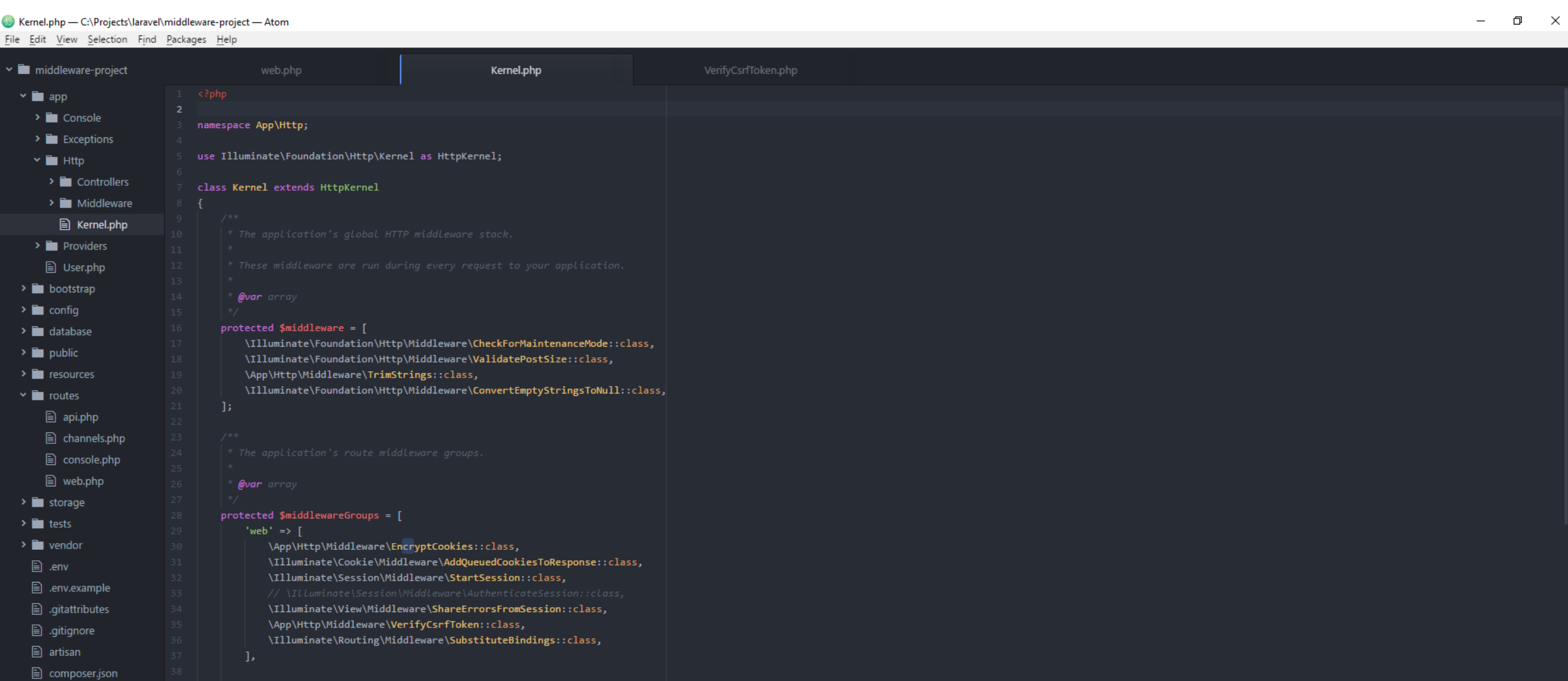


```
web.php — C:\Projects\laravel\middleware-project — Atom
File Edit View Selection Find Packages Help

middleware-project
├── app
│   ├── Console
│   ├── Exceptions
│   └── Http
│       ├── Controllers
│       └── Middleware
│           └── Kernel.php
├── Providers
│   └── User.php
├── bootstrap
├── config
├── database
├── public
├── resources
├── routes
│   ├── api.php
│   ├── channels.php
│   ├── console.php
│   └── web.php
├── storage
├── tests
└── vendor
    ├── .env
    ├── .env.example
    ├── .gitattributes
    ├── .gitignore
    ├── artisan
    ├── composer.json
    ├── composer.lock
    └── package.json

web.php
1 <?php
2
3 use Illuminate\Http\Request;
4
5 /*
6 |-----
7 | Web Routes
8 |-----
9 |
10 | Here is where you can register web routes for your application. These
11 | routes are loaded by the RouteServiceProvider within a group which
12 | contains the "web" middleware group. Now create something great!
13 |
14 */
15
16 Route::get('/', function () {
17     return view('welcome');
18 });
19
20 /*
21 | Example use of middleware
22 */
23
24 Route::get('/test', function () {
25     return "
26         <form action='" . url('/test') . "' method='post'>
27             <label>
28                 Name: <input type='text' name='name'>
29             </label>
30             <input type='submit' value='Skicka namn'>
31         </form>
32     ";
33 });
34
35
36 Route::post('/test', function (Request $request) {
37     return "<h1>Welcome " . $request->get("name") . "</h1>";
38 });
39
```

Registrera middleware



The screenshot shows the Atom editor interface with the file `Kernel.php` open. The left sidebar displays the project structure, including folders like `app`, `bootstrap`, `config`, `database`, `public`, `resources`, `routes`, `storage`, `tests`, and `vendor`. The `Kernel.php` file is selected in the sidebar.

```
1 <?php
2
3 namespace App\Http;
4
5 use Illuminate\Foundation\Http\Kernel as HttpKernel;
6
7 class Kernel extends HttpKernel
8 {
9     /**
10      * The application's global HTTP middleware stack.
11      *
12      * These middleware are run during every request to your application.
13      *
14      * @var array
15      */
16     protected $middleware = [
17         \Illuminate\Foundation\Http\Middleware\CheckForMaintenanceMode::class,
18         \Illuminate\Foundation\Http\Middleware\ValidatePostSize::class,
19         \App\Http\Middleware\TrimStrings::class,
20         \Illuminate\Foundation\Http\Middleware\ConvertEmptyStringsToNull::class,
21     ];
22
23     /**
24      * The application's route middleware groups.
25      *
26      * @var array
27      */
28     protected $middlewareGroups = [
29         'web' => [
30             \App\Http\Middleware\EncryptCookies::class,
31             \Illuminate\Cookie\Middleware\AddQueuedCookiesToResponse::class,
32             \Illuminate\Session\Middleware\StartSession::class,
33             // \Illuminate\Session\Middleware\AuthenticateSession::class,
34             \Illuminate\View\Middleware\ShareErrorsFromSession::class,
35             \App\Http\Middleware\VerifyCsrfToken::class,
36             \Illuminate\Routing\Middleware\SubstituteBindings::class,
37         ],
38     ];
```

Placera middleware

VerifyCsrfToken.php — C:\Projects\laravel\middleware-project — Atom

File Edit View Selection Find Packages Help

middleware-project

- app
 - Console
 - Exceptions
 - Http
 - Controllers
 - Middleware
 - EncryptCookie
 - RedirectIfAuth
 - TrimStrings.ph
 - VerifyCsrfToken
- Kernel.php
- Providers
- User.php
- bootstrap
- config
- database
- public
- resources
- routes
 - api.php
 - channels.php
 - console.php
 - web.php
- storage
- tests
- vendor
 - .env
 - .env.example
 - .gitattributes
 - .gitignore

web.php

```
1 <?php
2
3 namespace App\Http\Middleware;
4
5 use Illuminate\Foundation\Http\Middleware\VerifyCsrfToken as BaseVerifier;
6
7 class VerifyCsrfToken extends BaseVerifier
8 {
9     /**
10      * The URIs that should be excluded from CSRF verification.
11      *
12      * @var array
13      */
14     protected $except = [
15         '/test'
16     ];
17 }
18
```

Kernel.php

VerifyCsrfToken.php

php artisan make:middleware ExampleMiddleware

Skapa en middleware

Demo - middleware

Inloggning?

php artisan make:auth

- Skapar routes för inloggning
 - Kontrollera routes genom kommando: *php artisan route:list* i terminalen
- Skapar Controller för *Auth* (mappen *Auth* under *Controllers*)
- Skapar vyer för inloggning
- Vi behöver
 - Skapa en databas
 - Uppdatera vår .env-fil så att den stämmer överens med databasen
 - Migrera databas

Demo!

Sammanfattning av denna del i kursen

Reflektion i kursen

- Beskriv följande delar i kursen:
 - PHP
 - Pakethanterare
 - Versionshantering
 - Lumen
 - Laravel
- Inom MVC och webbramverk beskriv följande delar i kursen:
 - Routes
 - Controllers
 - Models
 - Views
 - ORM
 - Migration & seeds
 - Authentisering
 - Middleware

Kommande delar i kursen

- Testning
- Refaktorisering
- Integration
- Deployment
- Delivery
- => Att publicera ett projekt