

**Hi!**

# PHP wrong (old) way

```
<?php
```

```
//connect to db
```

```
//get items
```

```
//show in html
```

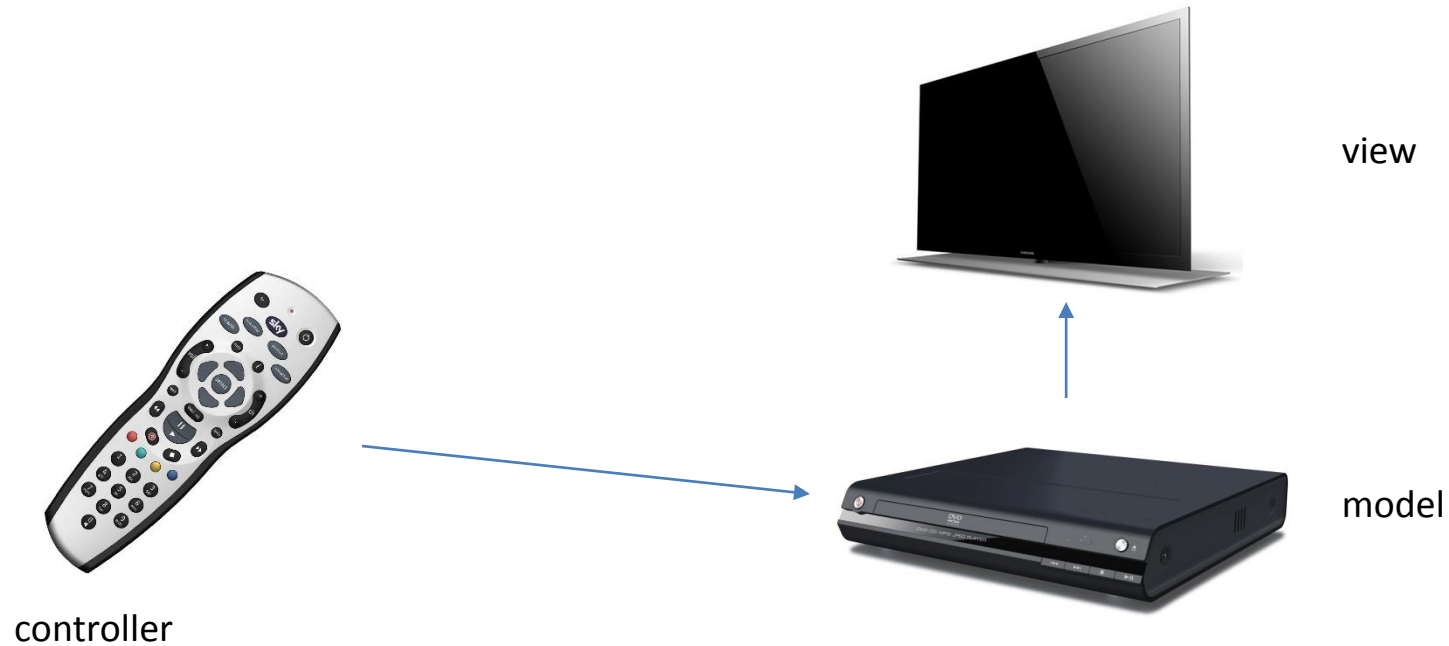
```
//get other items
```

```
//show in html
```

```
//close connection
```

```
?> <h1>some html here</h1>
```

# MVC patern





# Center for Career Development

by LINKgroup



# Composer

- npm, bundler za PHP
- Oko 50.000 PHP biblioteka na Packagist
- composer.json
- autoloading, vendor

# PHP frameworks

- Silex
- Medoo
- Flight
- Fuel PHP
- Slim Framework
- Kohana
- Zend Framework
- Aura
- Cake PHP
- CodeIgniter
- Yii Framework
- Symfony
- Phalcon
- ...

# Laravel

- Moderan MVC PHP framework
- Najpopularniji PHP projekat na GitHub-u
- Kreator – Tejlor Otvel (Taylor Otwell)
- Jednostavan, intuitivan
- Verzija 4.2
- Uskoro verzija 5



# LARAVEL 101

# Laravel karakteristike

- Fleksibilno rutiranje
- Korišćenje Composer paketa
- Eloquent ActiveRecord ORM
- Artisan (upravljanje preko komandne linije)
- Drajveri za autentikaciju
- Cache drajveri
- Queue drajveri
- Dependency Injection / IoC container
- ...



# Instalacija

> `composer create-project laravel/laravel my-app`

# Struktura aplikacije

# Kontroler

```
class UserController extends BaseController {  
  
    public function showProfile($id)  
    {  
        $user = User::find($id);  
  
        return View::make('user.profile', array('user' => $user));  
    }  
  
}
```

# Model

```
class User extends Eloquent {}
```



# View

```
<html>  
  <body>  
    <h1>Zdravo, {{ $name }}</h1>  
  </body>  
</html>
```

# Blade

```
<html>
  <body>
    @section('sidebar')
      Ovo je glavni sidebar.
    @show

    <div class="container">
      @yield('sadrzaj')
    </div>
  </body>
</html>
```



# Blade

```
@extends('layouts.master')
```

```
@section('sidebar')
```

```
    <p>Ovo će biti dodato u master sidebar.</p>
```

```
@stop
```

```
@section('sadržaj')
```

```
    <p>Ja sam sadržaj stranice.</p>
```

```
@stop
```

# Blade

- `{{ $promenljiva or 'nije definisano' }}`
- `{{{ $promenljiva }}} // XSS scripting`
- `@if, @endif, @foreach, @endforeach`

# Rutiranje

- Rutiranje ka kontroleru (RESTful i non RESTful)
- Rutiranje ka closure-u
- Rutiranje ka resursima



# Rutiranje ka closure-u

```
Route::get('/', function() {  
    return 'Zdravo!';  
});
```

<http://nas-sajt.com/>

```
Route::get('/korisnik/{id}', function($id) {  
    return 'Podaci za korisnika ' . $id;  
})->where('id', '[0-9]+') ;
```

<http://nas-sajt.com/korisnik/1>



# Rutiranje ka kontroleru

```
Route::get('/', 'HomeController@index');
```

```
Route::post('korisnik/1/', 'UserController@create');
```



## Rutiranje – grupe i filteri

```
Route::group(['before' => 'auth'], function() {  
  
    Route::get('korisnik/info', 'UserController@info');  
  
});  
  
Route::filter('auth', function() {  
    if (Auth::guest()) {  
        return Redirect::route('greska');  
    }  
});
```

# Artisan

*# php artisan list //lista komandi*

*# php artisan serve //interni web-server*

*# php artisan routes //lista ruta*

*# php artisan **generate:migration** //generisanje migracije*

*# php artisan tinker //igralište*

*# ...*



# Illuminate biblioteke

- `app/config/app.php`

<code>Illuminate\Database\DatabaseServiceProvider</code>	<code>Illuminate\Redis\RedisServiceProvider</code>
<code>Illuminate\Encryption\EncryptionServiceProvider</code>	<code>Illuminate\Remote\RemoteServiceProvider</code>
<code>Illuminate\Foundation\Providers\ArtisanServiceProvider</code>	<code>Illuminate\Auth\Reminders\ReminderServiceProvider</code>
<code>Illuminate\Auth\AuthServiceProvider</code>	<code>Illuminate\Database\SeedServiceProvider</code>
<code>Illuminate\Cache\CacheServiceProvider</code>	<code>Illuminate\Session\SessionServiceProvider</code>
<code>Illuminate\Session\CommandsServiceProvider</code>	<code>Illuminate\Translation\TranslationServiceProvider</code>
<code>Illuminate\Foundation\Providers\ConsoleSupportServiceProvider</code>	<code>Illuminate\Validation\ValidationServiceProvider</code>
<code>Illuminate\Hashing\HashServiceProvider</code>	<code>Illuminate\View\ViewServiceProvider</code>
<code>Illuminate\Html\HtmlServiceProvider</code>	<code>Illuminate\Workbench\WorkbenchServiceProvider</code>
<code>Illuminate\Log\LogServiceProvider</code>	
<code>Illuminate\Mail\MailServiceProvider</code>	
<code>Illuminate\Database\MigrationServiceProvider</code>	
<code>Illuminate\Pagination\PaginationServiceProvider</code>	
<code>Illuminate\Queue\QueueServiceProvider</code>	



# Korisne biblioteke

- way/generators
- intervention/image
- barryvdh/laravel-debugbar
- cartalyst/sentry

# Vagrant & PuPHPet

- Jednostavan GUI za kreiranje virtuelnih mašina
- Ubuntu, Debian, CentOS ...
- Apache, Nginx...
- MySQL, PostgreSQL, Mongo, Redis...
- ...

**vagrant up**