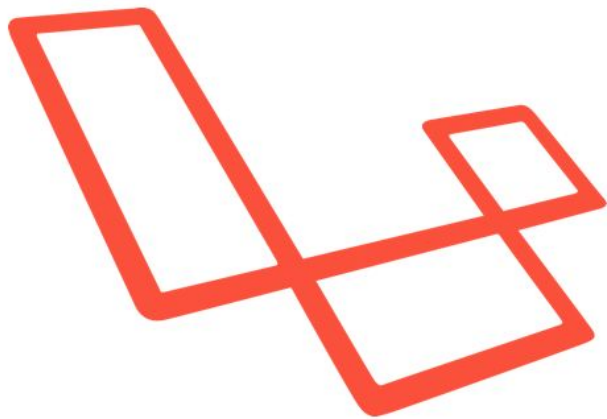


Laravel Vilnius Meetup

2015-10-29



Remėjai:

www.phpamokos.lt

www.laraveldaily.com

10 Laravel packages everyone should know

Povilas Korop • Laravel Vilnius Meetup • 2015-10-29

1. Carbon

A simple PHP API extension for DateTime.

<http://carbon.nesbot.com/>

<https://github.com/briannesbitt/Carbon>

- Not specifically for Laravel
- But part of Laravel out-of-the-box

Carbon examples

```
$user->created_at->format('H:i');
```

```
$tomorrow = Carbon::now('Europe/Vilnius')->addDay();
```

```
$showOldAml = Carbon::createFromDate(1975, 5, 21)->age;
```

```
if (Carbon::now()->isWeekend()) {  
    echo 'Party!';  
}
```

```
Carbon::now()->subMinutes(2)->diffForHumans(); // '2 minutes  
ago'
```

2. illuminate/html

Subtree split of the Illuminate
HTML component.

<https://github.com/illuminate/html>

- Internal part until Laravel 4 version
- Mostly for Form:: facade

Illuminate/html examples

```
{!! Form::open(array('route' => 'admins.store' )) !!}
```

```
{!! Form::label('name', 'Name:') !!}
```

```
{!! Form::text('name', old('name'),  
    ['placeholder'=> 'Name', 'required']) !!}
```

```
{!! Form::submit('Create', ['class' => 'btn btn-primary']) !!}
```

```
{!! Form::close() !!}
```

3. Laravel-4-Generators (+ Laravel-5-Generators-Extended)

Speed up your Laravel workflow
with generators.

<https://github.com/JeffreyWay/Laravel-4-Generators>

<https://github.com/laracasts/Laravel-5-Generators-Extended>

- Author: Jeffrey Way from Laracasts
- More useful in Laravel 4 version

Generators examples

Laravel 4:

```
php artisan generate:migration add_user_id_to_posts_table  
php artisan generate:model Post  
php artisan generate:view admin.reports.index
```

Laravel 5:

```
php artisan make:migration:schema create_users_table  
--schema="username:string, email:string:unique"
```

```
php artisan make:migration:pivot tags posts
```

```
php artisan make:seed posts
```

4. doctrine/dbal

Database Abstraction Layer

<https://github.com/doctrine/dbal>

From the docs:

Before modifying a column, be sure to add the doctrine/dbal dependency to your composer.json file. The Doctrine DBAL library is used to determine the current state of the column and create the SQL queries needed to make the specified adjustments to the column.

- Not specifically for Laravel
 - Used for specific database operations
-

Doctrine/dbal examples

```
Schema::table('users', function ($table) {  
    $table->string('name', 50)->change();  
});
```

```
Schema::table('users', function ($table) {  
    $table->renameColumn('name', 'username');  
});
```

5. intervention/image

Image handling and manipulation library

<http://image.intervention.io/>

<https://github.com/Intervention/image>

- Not specifically for Laravel
- GD Library or Imagick PHP extension

Intervention/image examples

```
$img = Image::make('foo.jpg')->resize(300, 200);  
$img->insert('public/watermark.png');  
return $img->response('jpg');
```

```
$image = Input::file('image');  
$filename = time() . '.' . $image->getClientOriginalExtension();  
$path = public_path('images/' . $filename);  
Image::make($image->getRealPath())  
->resize(200, 200)->save($path);
```

6. jenssegers/agent

A PHP desktop/mobile user agent parser with support for Laravel

<https://github.com/jenssegers/agent>

- Based on serbanghita/Mobile-Detect

jenssegers/agent examples

```
use Jenssegers\Agent\Agent;  
$agent = new Agent();  
if ($agent->is('Windows')) // ...  
if ($agent->is('Firefox')) // ...
```

```
if ($agent->isMobile()) // ...  
if ($agent->isTablet()) // ...
```

```
$agent->setUserAgent('Mozilla/5.0 (Macintosh; Intel Mac OS X  
10_6_8) AppleWebKit/537.13+ (KHTML, like Gecko) Version/5.1.7  
Safari/534.57.2');  
$agent->setHttpHeaders($headers);
```

7. barryvdh/laravel-dompdf

DOMPDF Wrapper for Laravel 5

<https://github.com/barryvdh/laravel-dompdf>

- Based on dompdf/dompdf
- For L4: try thujohn/pdf-l4

laravel-dompdf examples

```
$pdf = App::make('dompdf.wrapper');  
$pdf->loadHTML('<h1>Test</h1>');  
return $pdf->stream();
```

```
$pdf = PDF::loadView('pdf.invoice', $data);  
return $pdf->download('invoice.pdf');
```

```
PDF::loadHTML($html)  
->setPaper('a4')  
->setOrientation('landscape')  
->setWarnings(false)  
->save('myfile.pdf');
```

8. cviebrock/eloquent-sluggable

Easy creation of slugs for your Eloquent models in Laravel

<https://github.com/cviebrock/eloquent-sluggable>

- Versions 3.x - for Laravel 5
- Versions 2.x - for Laravel 4

eloquent-sluggable examples

```
php artisan sluggable:table posts slug_column
$post = Post::create(['title' => 'My Awesome Blog Post']);
echo $post->slug;
echo $post->getSlug();
```

Config:

```
'build_from'    => null,
'save_to'       => 'slug',
'max_length'    => null,
'method'        => null,
'separator'     => '-',
'unique'        => true,
```

...

9. barryvdh/laravel-ide-helper

Laravel 5 IDE Helper Generator

<https://github.com/barryvdh/laravel-ide-helper>

- Also available as generated Gist
- Needs doctrine/dbal for DB columns
- Great explanation in Laracasts:
<https://laracasts.com/series/how-to-be-awesome-in-phpstorm/episodes/15>

laravel-ide-helper examples

```
Route::get('test', function()
{
    Event::fire('thing.happened');

    return Redirect::to('/');
});

Route::get('/', function()
{
    return View::make('hello');
});
```

```
Route::get('test', function()
{
    Event::fire('thing.happened');
    Event::fi
    @ a fire(event : string, [payload : arr. array|null
    @ a firing() string
    Invoke completion again to see more variants. >>
    return
});

Route::get('/', function()
{
    return View::make('hello');
});
```

10. barryvdh/laravel-debugbar

Laravel Debugbar

<https://github.com/barryvdh/laravel-debugbar>

- Same author as IDE Helper:
Barry van den Heuvel
- Integrates PHP Debug Bar
- Don't forget to turn off on production!

laravel-debugbar examples

The screenshot displays the Laravel Debugbar interface. At the top, there is a navigation bar with tabs: Messages (4), Timeline, Exceptions, Views, Route, Queries (3), Mails, Auth, and Request. To the right of the tabs, it shows the current request: GET hello, memory usage: 4MB, and execution time: 19.3ms. Below the navigation bar, the Messages tab is active, showing a list of messages. The first message is an array(2) containing 'name' => string (16) "Barry vd. Heuvel" and 'email' => string (18) "barryvdh@gmail.com". Below the messages, there is a section for errors and warnings. It shows an error message "Error!" with the label "error", a warning message "Watch out.." with the label "warning", and another message "Another message" with the label "mylabel". At the bottom right, there is a search bar and a filter bar with buttons: mylabel, warning, error, and info.

```
array(2) [
    'name' => string (16) "Barry vd. Heuvel"
    'email' => string (18) "barryvdh@gmail.com"
]
```

Error! error

⚠ Watch out.. warning

Another message mylabel

mylabel warning error info

BONUS: **laraveldaily/quickadmin**

Quick adminpanel builder for Laravel 5

<https://github.com/LaravelDaily/quickadmin>

- Authors: Modestas Vaitkevičius, Justas Maziliauskas, Povilas Korop
- Only first open-source version
- You are welcome to contribute!

QuickAdmin: how does it work?

Step 1.

```
"require": {  
    "php": ">=5.5.9",  
    "laravel/framework": "5.1.*",  
    "laraveldaily/quickadmin": "0.1.*"  
},
```

Step 2. config/app.php

```
'providers' => [  
    ....  
    Laraveldaily\Quickadmin\QuickadminServiceProvider::class,  
]
```

QuickAdmin: how does it work?

Step 3.

`php artisan quickadmin:install`

- DB migrations
- Choose admin name/email/password


Step 4. Launch!


Launch <http://yourdomain/qa>


QuickAdmin: ta-daaa!

QuickAdmin

+ Crud

 Users

 Books

 Logout

Quickadmin Crud

Create new CRUD menu item

CRUD name

Plural, ex. Books or Products (used to generate DB table and all back-end files)

CRUD title

Crud title (used for menu item)

Use soft delete?

Yes

Icon (font-awesome)

fa-database

Add fields

Text field

Field DB name

Field visual title

Optional

+ Add one more field

Create CRUD

Anything I've missed?

Or questions?
