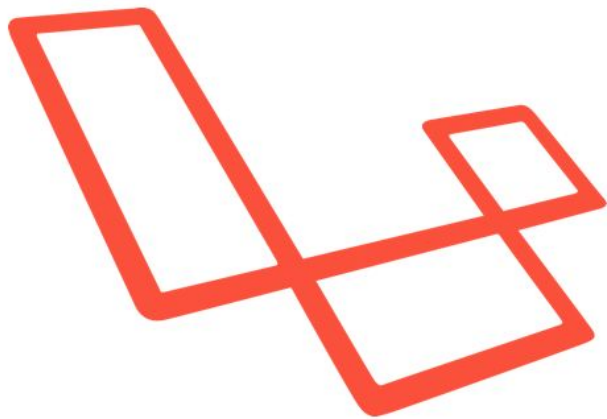# Laravel Vilnius Meetup

2015-10-29

Remėjai:

www.phppamokos.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();

$howOldAmI = 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

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

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!

Anything I've missed?

Or questions?