What's new in Laravel 5?

Wait a second…

Wait a second…
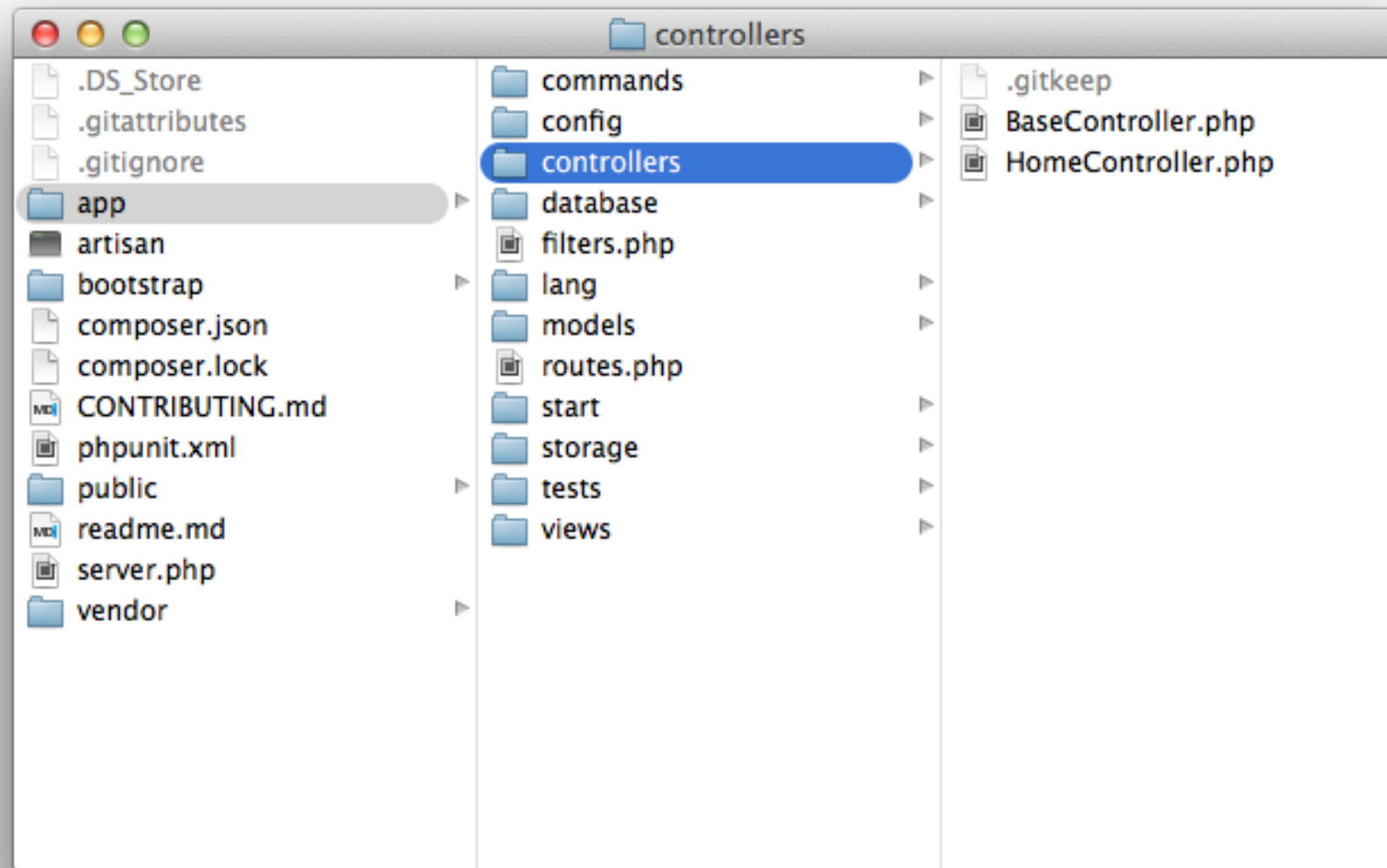
Wasn't this supposed to be called 4.3?

Yep.

The first reason to bump the version number was the new directory structure.
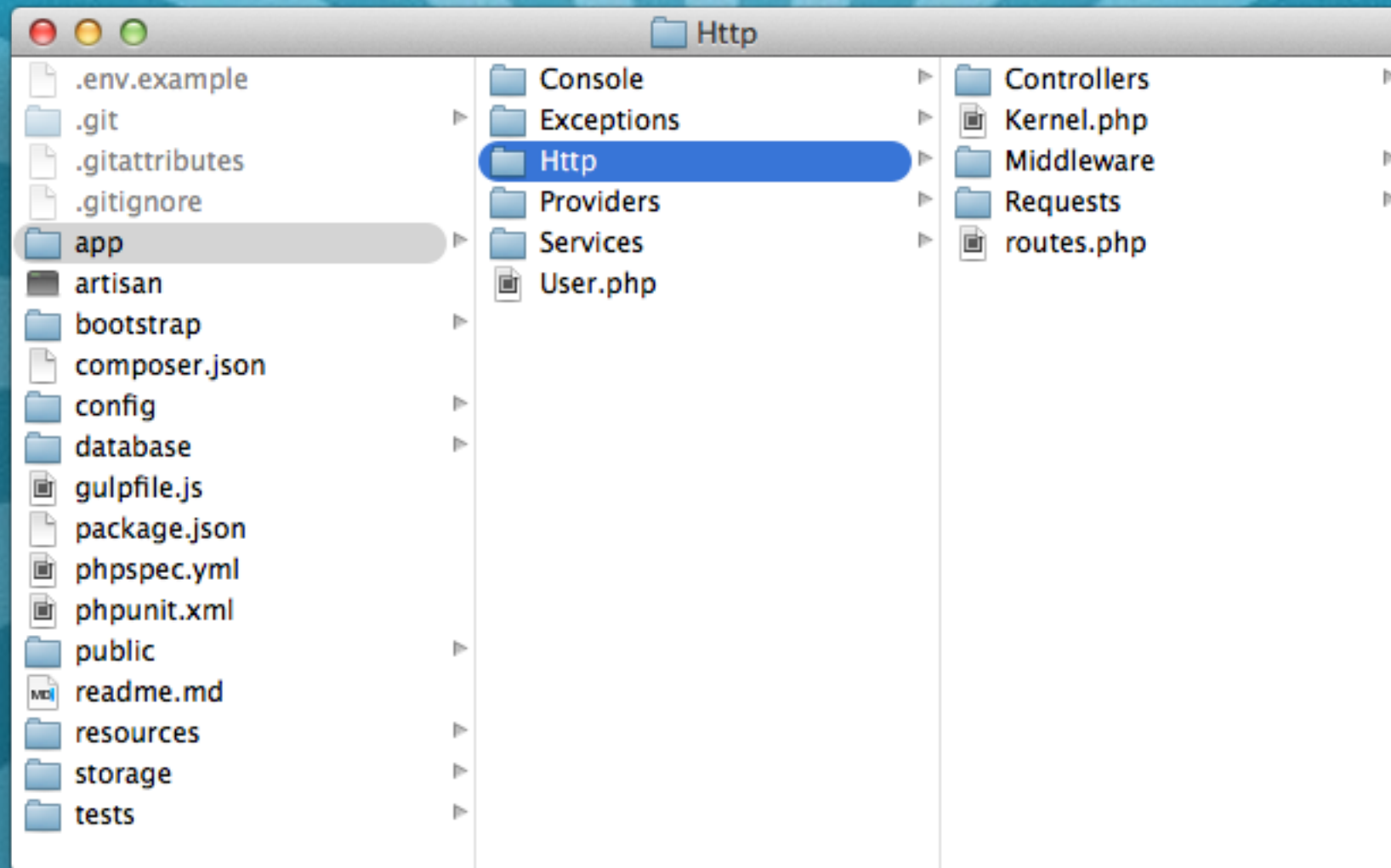
Then, Taylor decided to go crazy with new features…

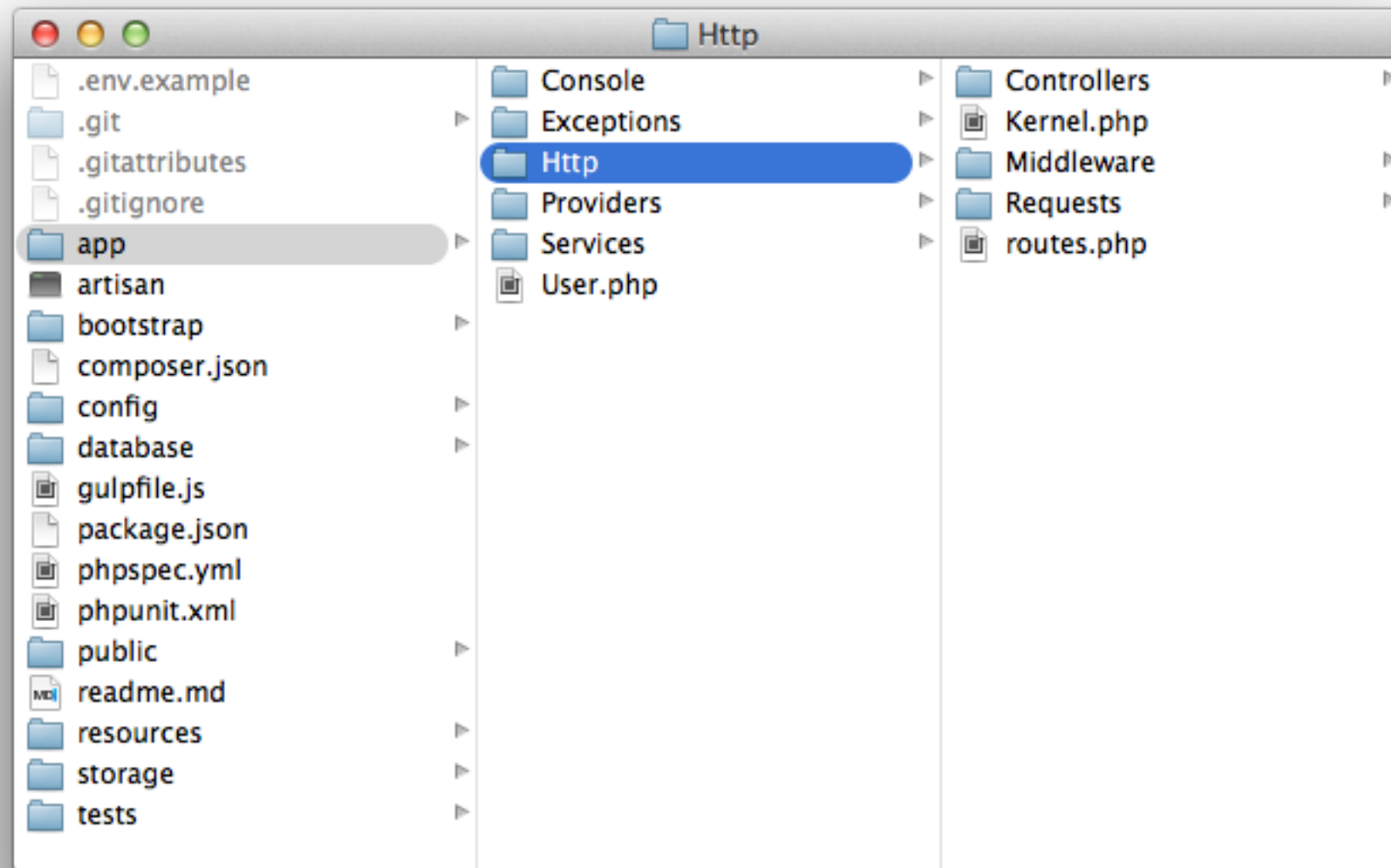# New directory structure

Laravel 4.2

Laravel 5

Laravel 5

PSR-4
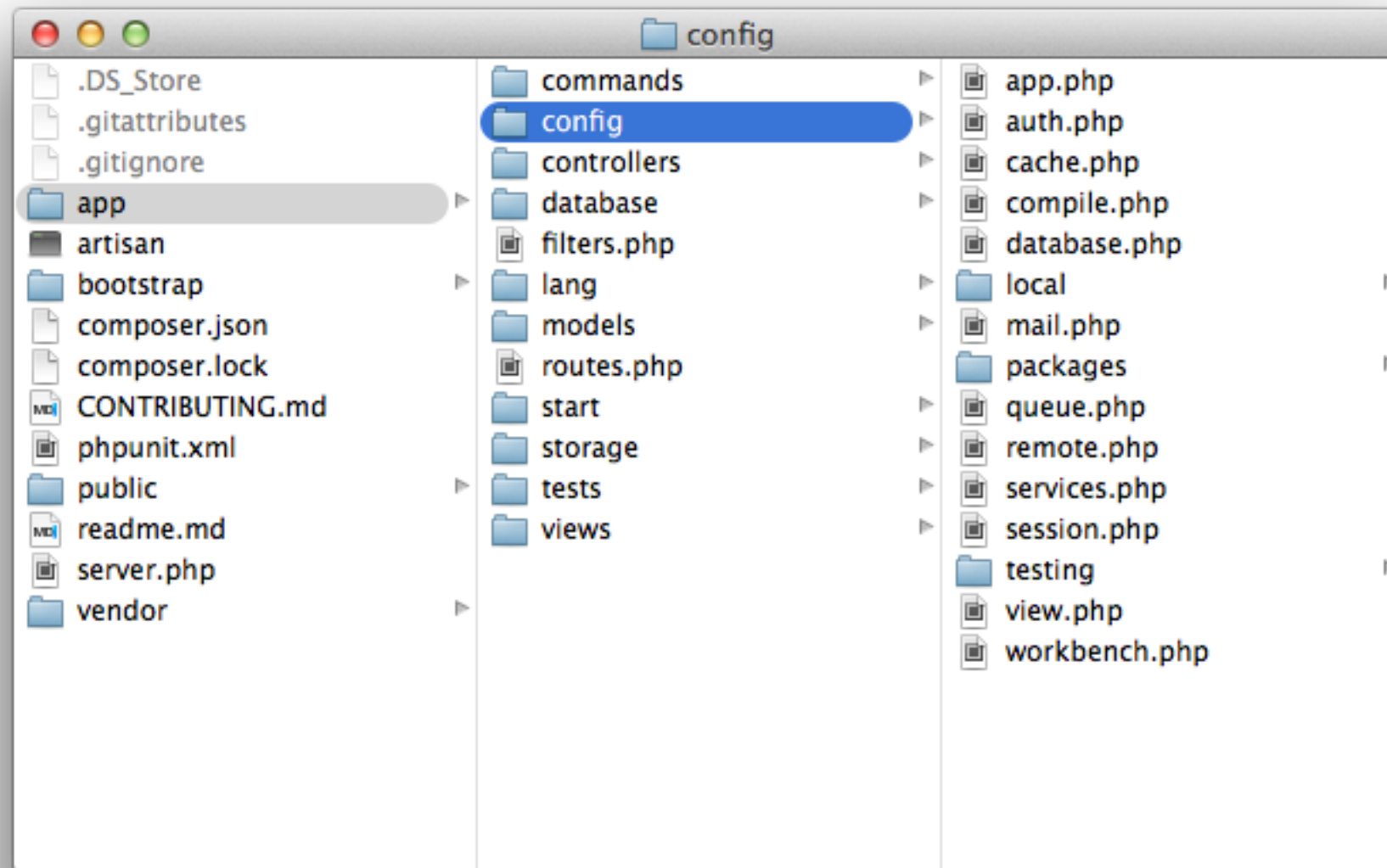
```
"autoload": {
    "classmap": [
        "database"
    ],
    "psr-4": {
        "App\\": "app/"
    }
}
```
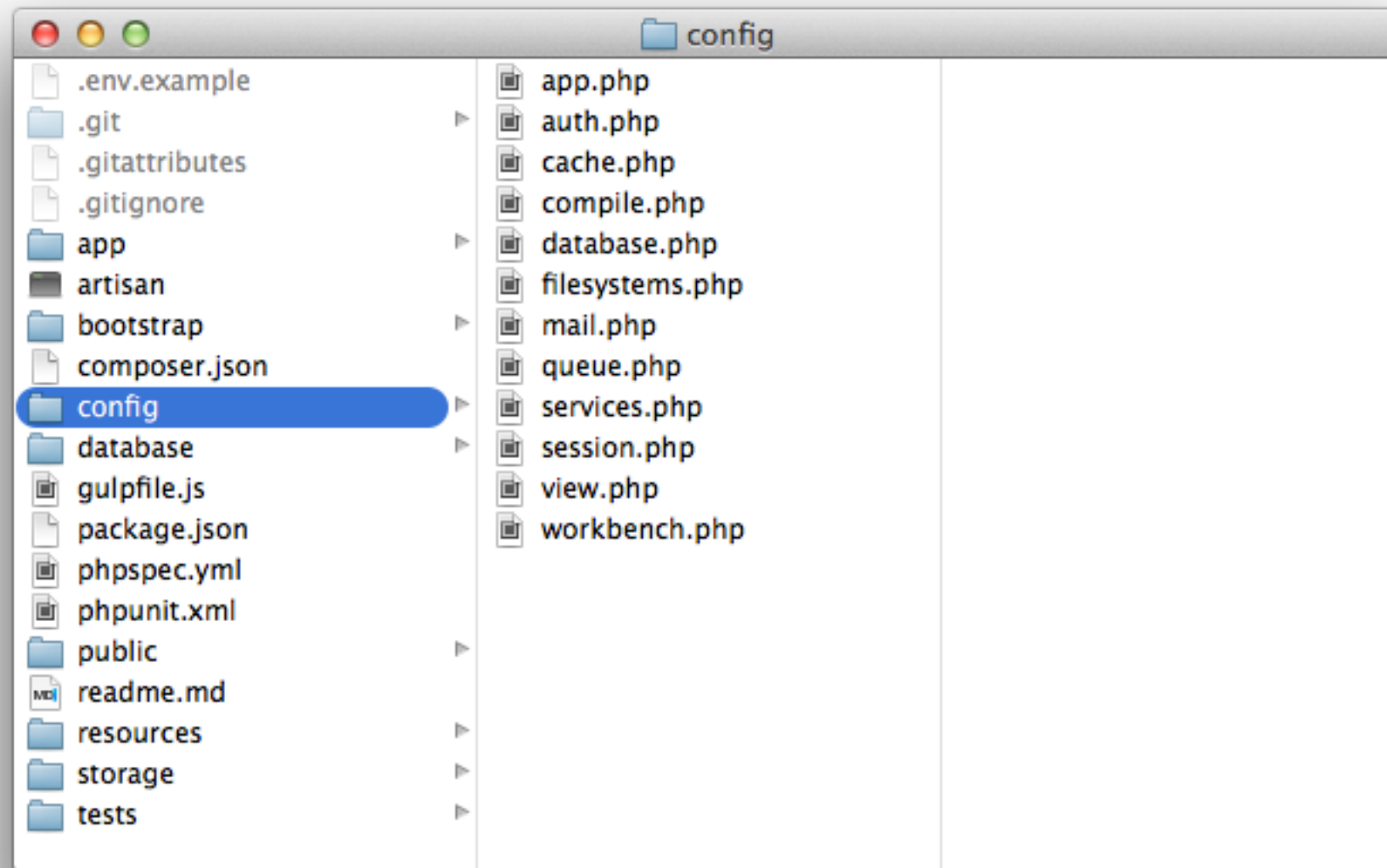
Rename the root namespace with

`artisan app:name Acme`

(even) Simpler environment management

Laravel 4.2

Laravel 5

```php
<?php

return [

    /*
    |--------------------------------------------------------------------------
    | Application Debug Mode
    |--------------------------------------------------------------------------
    |
    | When your application is in debug mode, detailed error messages with
    | stack traces will be shown on every error that occurs within your
    | application. If disabled, a simple generic error page is shown.
    |
    */

    'debug' => env('APP_DEBUG'),

    /*
    |--------------------------------------------------------------------------
    | Application URL
    |--------------------------------------------------------------------------
    |
    | This URL is used by the console to properly generate URLs when using
    | the Artisan command line tool. You should set this to the root of
    | your application so that it is used when running Artisan tasks.
    |
```

No more .env.php
& .env.local.php

No more .env.php & .env.local.php

Only .env

No more PHP arrays.

```
APP_ENV=local
APP_DEBUG=true
APP_KEY=SomeRandomString

DB_HOST=localhost
DB_DATABASE=homestead
DB_USERNAME=homestead
DB_PASSWORD=secret

CACHE_DRIVER=file
SESSION_DRIVER=file
```

No more PHP arrays.
Only keys and values.

```
APP_ENV=local
APP_DEBUG=true
APP_KEY=SomeRandomString

DB_HOST=localhost
DB_DATABASE=homestead
DB_USERNAME=homestead
DB_PASSWORD=secret

CACHE_DRIVER=file
SESSION_DRIVER=file
```

```
 1  # Environment configuration
 2  # ----------------------------
 3
 4  # The environment that has to be used on this machine.
 5  APP_ENV=local
 6
 7  # Boolean to enable or disable the debug mode.
 8  APP_DEBUG=true
 9
10
11  # Application configuration
12  # ----------------------------
13
14  # URL of the application root.
15  APP_ROOT_URL=example.net
16
17  # This is the main encryption key.
18  # It should be a random, 32 character string.
19  APP_KEY=SomeRandomString
20
21
22  # Database settings and credentials
23  # ------------------------------------
24
25  # Database driver.
26  # Supported: sqlite, mysql, pgsql, sqlsrv.
```

Dependency injection in methods and Closures

```php
<?php namespace App\Http\Controllers;

use Acme\Foo;
use Acme\Foo\Bar;
use Acme\Foo\Baz;


class WhateverController extends Controller
{
    // ...

    /**
     * Class constructor.
     *
     * @param  \Acme\Foo       $foo
     * @param  \Acme\Foo\Bar   $bar
     * @param  \Acme\Foo\Baz   $baz
     * @return void
     */
    public function __construct(Foo $foo, Bar $bar, Baz $baz)
    {
        $this->foo = $foo;
        $this->bar = $bar;
        $this->baz = $baz;
    }
}
```

```php
/**
 * Foo the bar with a baz'ed qux.
 *
 * @param  \Acme\Foo\Qux  $qux
 * @return bool
 */
public function someMethod(Qux $qux)
{
    $bazzed = $qux->baz();

    return (bool) $this->bar->foo($bazzed);
}
```

Also in Closures

```php
Route::get('/bar', function (Foo $foo, Baz $baz) {
    return $foo->bar($baz);
});
```

Even better: now available for static methods, global and namespaced functions

```php
class Classname {
    public static function staticMethod(Foo $foo, Bar $bar)
    {
        //
    }
}

function global_function(Baz $baz)
{
    //
}

namespace Vendor {
    function local_function(Qux $qux)
    {
        //
    }
}

$container->call('Classname::staticMethod');
$container->call('global_function');
$container->call('Vendor\local_function');
```

```php
class Classname {
    public static function staticMethod(Foo $foo, Bar $bar)
    {
        //
    }
}

function global_function(Baz $baz)
{
    //
}

namespace Vendor {
    function local_function(Qux $qux)
    {
        //
    }
}

$container->call('Classname::staticMethod');
$container->call('global_function');
$container->call('Vendor\local_function');
```

taylorotwell merged commit **8039da0** into `laravel:master` from `hannesvdvreken:master` a day ago

Form requests

```php
<?php namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ProductCreated extends FormRequest {

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            'title'       => 'required|max:255',
            'description' => 'required|max:65535',
            'quantity'    => 'integer|between:1,25',
            'image'       => 'mimes:jpeg',
        ];
    }
```

```php
/**
 * Add the foo to the repository.
 *
 * @param  \Illuminate\Foundation\Http\FormRequest  $request
 * @return bool
 */
public function store(FormRequest $request)
{
    $data = $request->all();

    $id = $this->repository->add($data);

    return redirect("/foo/{$id}");
}
```

The controller method will not even be reached if the form request is invalid.

Contracts

Framework components now depend on **interfaces** rather than explicit classes.

This allows to replace built-in components by new ones in a ridiculously easy way.

Contracts are also available in a standalone Composer package.

Elixir

Elixir

(by Jeffrey Way)

laravel / **elixir**

⬥ Watch ▾ 44   ★ Star 316   ⑂ Fork 59

Beautiful Gulp tasks for your Laravel applications.

🕑 **221** commits   ⑁ **1** branch   🏷 **0** releases   👥 **14** contributors

<> **Code**

⟰ ⑁ branch: **master** ▾   **elixir** / +   ☰

⑁ Pull Requests   8

Make src directory configurable		
👤 **JeffreyWay** authored 6 days ago		latest commit 6e28384bf4
📁 icons	Use green pass icon	2 months ago
📁 ingredients	Make src directory configurable	6 days ago
📄 .gitignore	Switch over to using NPM for Elixir	2 months ago
📄 Config.js	Make src directory configurable	6 days ago
📄 Gulpfile.example.js	Switch over to using NPM for Elixir	2 months ago
📄 index.js	Allow for setting defaults in elixir.json	a month ago
📄 package.json	Make src directory configurable	6 days ago
📄 readme.md	update resources directory.	9 days ago

⋀ Pulse

📊 Graphs

HTTPS clone URL

https://github.com/lara

You can clone with HTTPS, SSH, or Subversion. ⑦

🖥 **Clone in Desktop**

☁ **Download ZIP**

📖 **readme.md**

Laravel Elixir

- Introduction

```
elixir(function(mix) {
    mix.sass("app.scss");
});
```

github.com/laravel/elixir

artisan fresh

taylorotwell commented 22 hours ago

Owner

The fresh command doesn't even need to exist anymore.

artisan fresh

artisan fresh

Cloud file drivers

Single interface to work with **local** and **remote** filesystems.

Uses Frank de Jonge's **Flysystem** under the hood

Only local, S3 & Rackspace.

Native Illuminate/Filesystem still used internally by Laravel.

Built-in migrations

CreateUsersTable & CreatePasswordResetsTable

Built-in auth flow

```php
<?php namespace App\Http\Controllers\Auth;

use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\AuthenticatesAndRegistersUsers;

class AuthController extends Controller {

    /*
     |--------------------------------------------------------------------
     | Registration & Login Controller
     |--------------------------------------------------------------------
     |
     | This controller handles the registration of new users, as well as the
     | authentication of existing users. By default, this controller uses
     | a simple trait to add these behaviors. Why don't you explore it?
     |
     */

    use AuthenticatesAndRegistersUsers;

}
```

```
getRegister()
postRegister(Request $request)
getLogin()
postLogin(Request $request)
getLogout()
```

```php
<?php namespace App\Http\Controllers\Auth;

use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\ResetsPasswords;

class PasswordController extends Controller {

    /*
    |--------------------------------------------------------------------------
    | Password Reset Controller
    |--------------------------------------------------------------------------
    |
    | This controller is responsible for handling password reset requests
    | and uses a simple trait to include this behavior. You're free to
    | explore this trait and override any methods you wish to tweak.
    |
    */

    use ResetsPasswords;

}
```

```
getEmail()
postEmail(Request $request)
getReset($token = null)
postReset(Request $request)
```

Scheduler

```php
$schedule->command('cache:clear')
    ->hourly()
    ->sendOutputTo($filePath)
    ->emailOutputTo('john@doe.com');
```

run, buildCommand, isDue, runsInEnvironment, runsInMaintenanceMode, cron, hourly, daily, at, dailyAt, twiceDaily, weekdays, mondays, tuesdays, wednesdays, thursdays, fridays, saturdays, sundays, weekly, weeklyOn, monthly, yearly, everyFiveMinutes, everyTenMinutes, everyThirtyMinutes, days, timezone, user, environments, evenInMaintenanceMode, when, skip, sendOutputTo, emailOutputTo, then, description, getExpression, oh my!
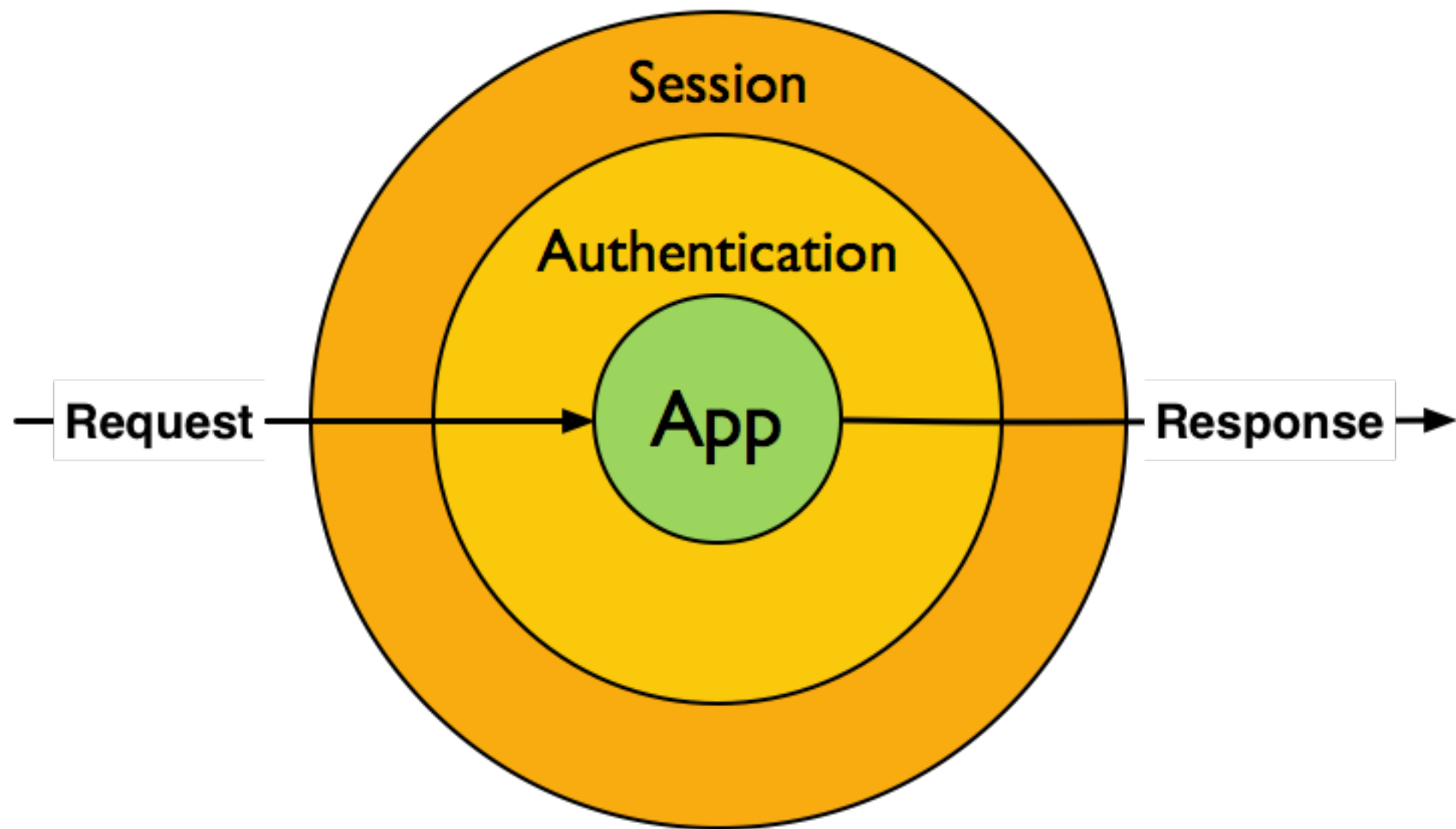
Middleware

Also replaces route filters.

make commands

`make:console`

Create a new Artisan command

`make:controller`

Create a new resource controller class

`make:middleware`

Create a new middleware class

`make:migration`

Create a new migration file

`make:provider`

Create a new service provider class

`make:request`

Create a new form request class

New helpers

bcrypt, config,
cookie, delete, get,
info, logger, old,
patch, post, put,
redirect, response,
route, view, elixir

That's *not* all, folks

We only covered a subset of both big and small topics.

For example, we didn't mentioned route & event annotations, nor route caching.

When?

"According to the six month release cycle Laravel normally follows, Laravel 5 would release in November. However, given the importance of this release, I would like to delay it until January.

It will be worth the wait."

Questions?

Drinks!

Drinks!