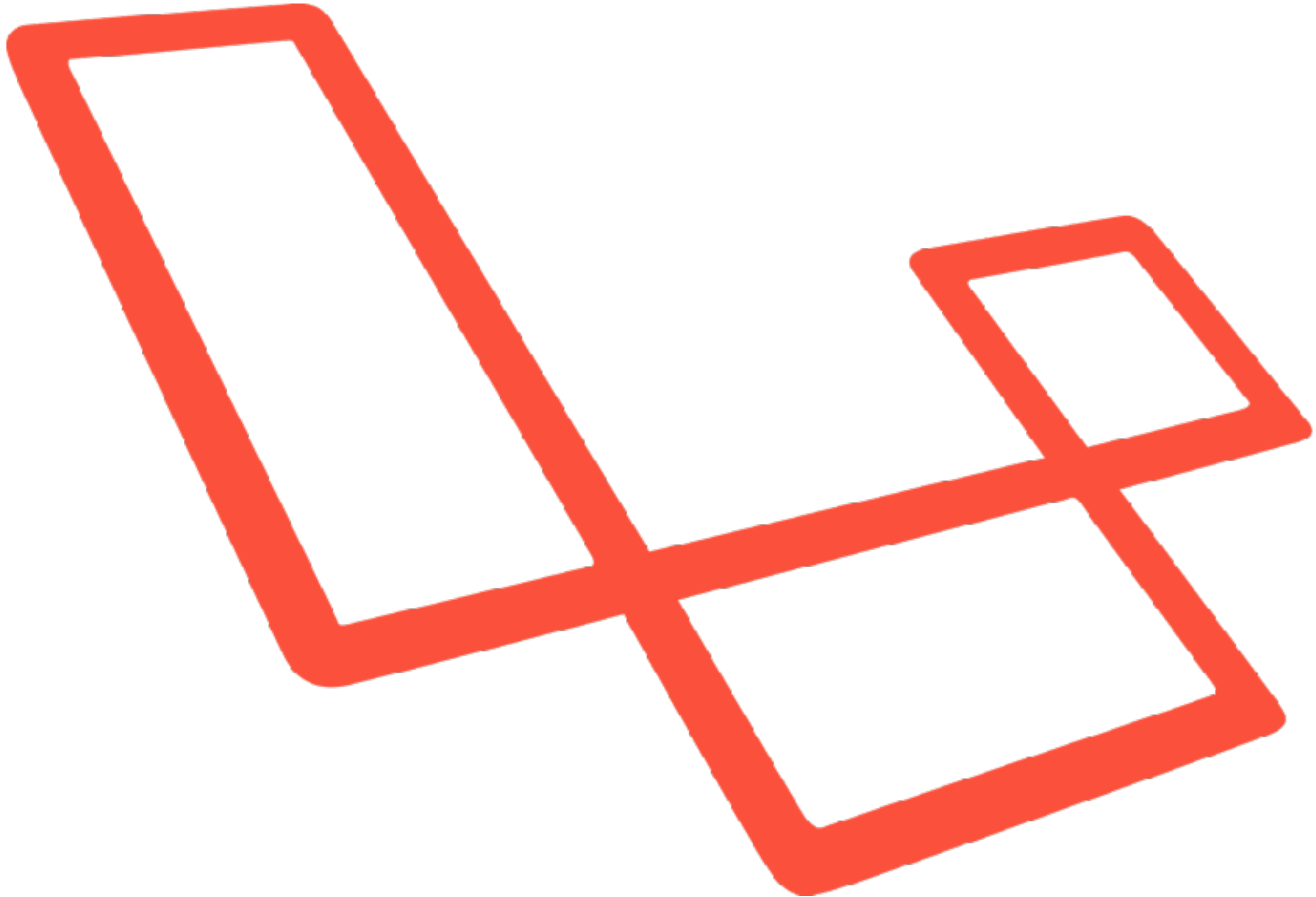
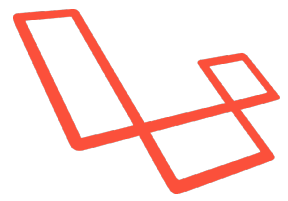


# Laravel







# Co je to Laravel?

- # Moderní webový MVC framework pro PHP 7
- # Open-source projekt pod MIT licenci
- # Mladý software s živou komunitou
- # Ekosystém pomáhajících od vývoje až po nasazení
- # Sada knihoven a nástrojů pro snadný vývoj

# Moderní, mladý

- # První verze vyšla až v roce 2011
- # V současné verzi 5.5 vyžaduje PHP 7
- # V oblíbenosti předčil i Symfony2

 [symfony](#) / [symfony](#)

 Watch ▾


1,242

★ Star

15,245

 Fork

5,718

 Code

! Issues 682

 Pull requests 151

 Projects 3

Insights ▾

 [laravel](#) / [laravel](#)

 Watch ▾


4,174

★ Unstar

35,253

 Fork

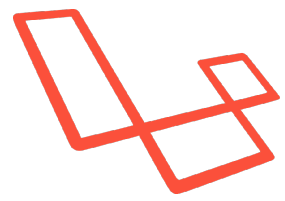
11,581

 Code

 Pull requests 0

 Projects 0

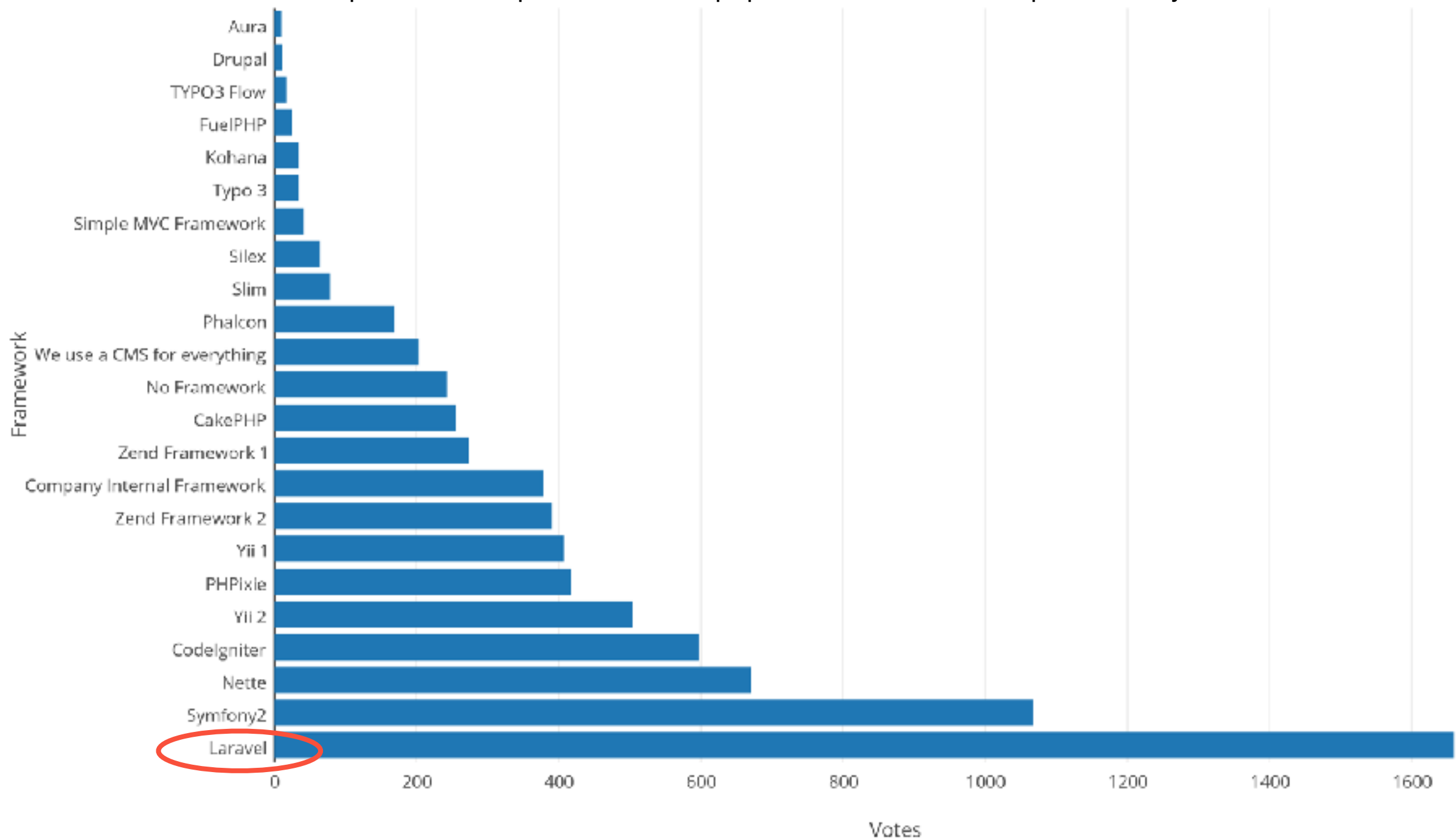
Insights ▾

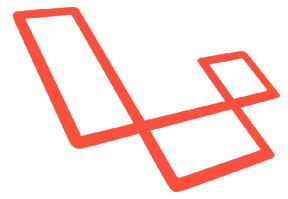


# Oblíbený

PHP Framework Popularity at Work - SitePoint, 2015

<https://www.sitepoint.com/best-php-framework-2015-sitepoint-survey-results/>





# Technologická vlna

- # Ctí moderní technologie a postupy
- # Užívá stávající knihovny, též součásti jiných Frameworků
- # Spolupracuje s moderními knihovnami a nástroji
- # Lze ho rozšířit i z něj odvozovat
- # Žije kolem něj čilá komunita

# Odvozené projekty



# Mikroframework pro API a služby

# Systémy pro správu obsahu

# Hotové balíčky s připravenou funkcí: Spark

# Odvozené projekty



- # Mikroframework pro API a služby
- # Systémy pro správu obsahu
- # Hotové balíčky s připravenou funkcí: Spark

# Odvozené projekty



# Mikroframework pro API a služby

# Systémy pro správu obsahu

# Hotové balíčky s připravenou funkcí: Spark

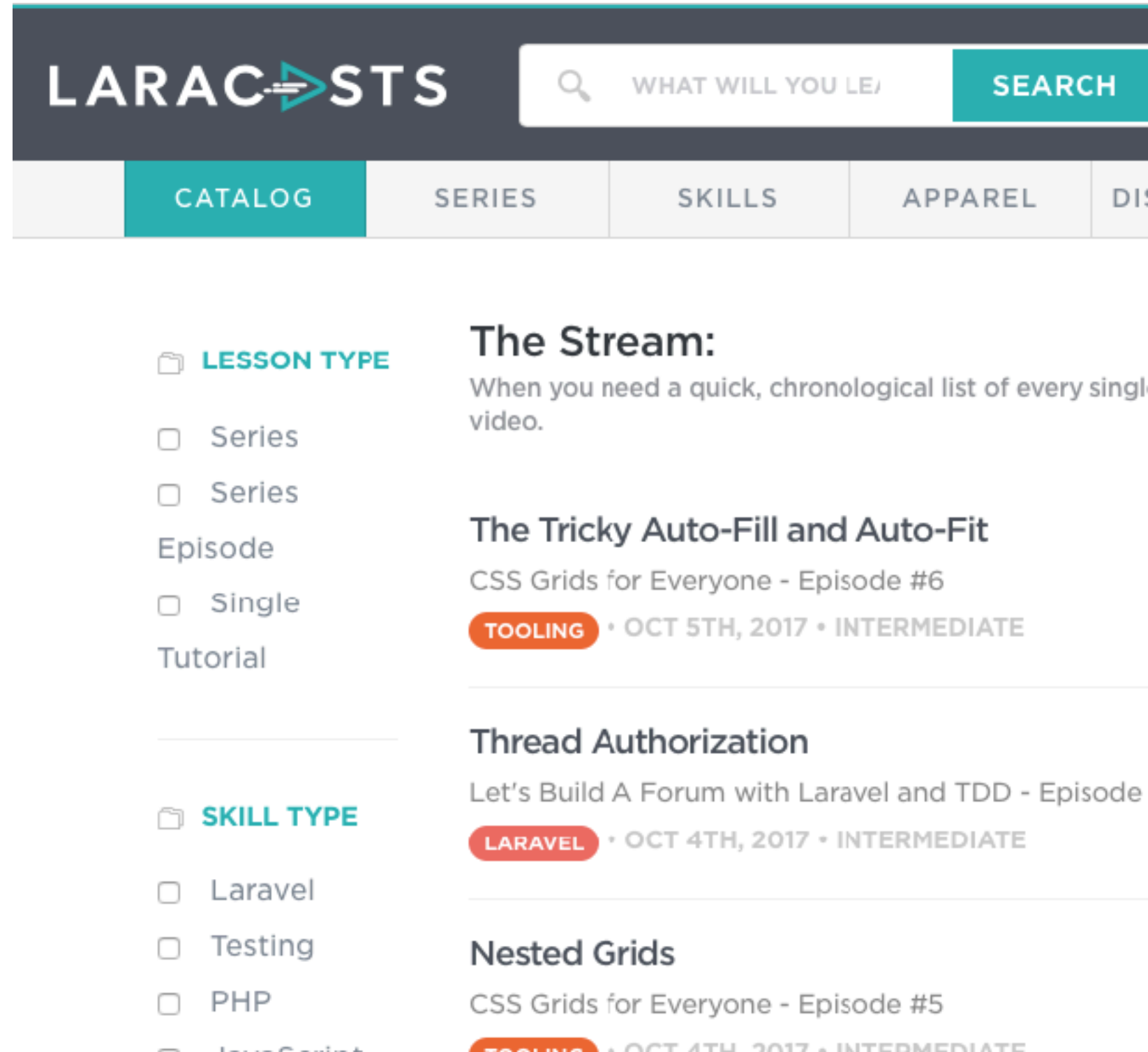


# Živá komunita

## # Laracasts

- Videonávody
- Diskuzní fórum

## # Stack Overflow



The screenshot shows the Laracasts website. At the top is a dark blue header with the 'LARACASTS' logo on the left, a search bar with the placeholder text 'WHAT WILL YOU LEARN?' in the center, and a teal 'SEARCH' button on the right. Below the header is a navigation bar with several tabs: 'CATALOG' (highlighted in teal), 'SERIES', 'SKILLS', 'APPAREL', and 'DIS'. The main content area is divided into two columns. The left column contains two filter sections: 'LESSON TYPE' and 'SKILL TYPE'. Each section has a folder icon and a list of items with checkboxes. Under 'LESSON TYPE', the items are 'Series', 'Series', 'Episode', 'Single', and 'Tutorial'. Under 'SKILL TYPE', the items are 'Laravel', 'Testing', 'PHP', and 'JavaScript'. The right column displays a list of video lessons. The first lesson is 'The Stream:' with a description 'When you need a quick, chronological list of every single video.' The second lesson is 'The Tricky Auto-Fill and Auto-Fit' with a description 'CSS Grids for Everyone - Episode #6', a red 'TOOLING' tag, and metadata 'OCT 5TH, 2017 • INTERMEDIATE'. The third lesson is 'Thread Authorization' with a description 'Let's Build A Forum with Laravel and TDD - Episode', a red 'LARAVEL' tag, and metadata 'OCT 4TH, 2017 • INTERMEDIATE'. The fourth lesson is 'Nested Grids' with a description 'CSS Grids for Everyone - Episode #5', a red 'TOOLING' tag, and metadata 'OCT 4TH, 2017 • INTERMEDIATE'.

**LARACASTS** WHAT WILL YOU LEARN? **SEARCH**

**CATALOG** SERIES SKILLS APPAREL DIS

**LESSON TYPE**

- ☐ Series
- ☐ Series
- ☐ Episode
- ☐ Single
- ☐ Tutorial

**SKILL TYPE**

- ☐ Laravel
- ☐ Testing
- ☐ PHP
- ☐ JavaScript

**The Stream:**  
When you need a quick, chronological list of every single video.

**The Tricky Auto-Fill and Auto-Fit**  
CSS Grids for Everyone - Episode #6  
**TOOLING** • OCT 5TH, 2017 • INTERMEDIATE

**Thread Authorization**  
Let's Build A Forum with Laravel and TDD - Episode  
**LARAVEL** • OCT 4TH, 2017 • INTERMEDIATE

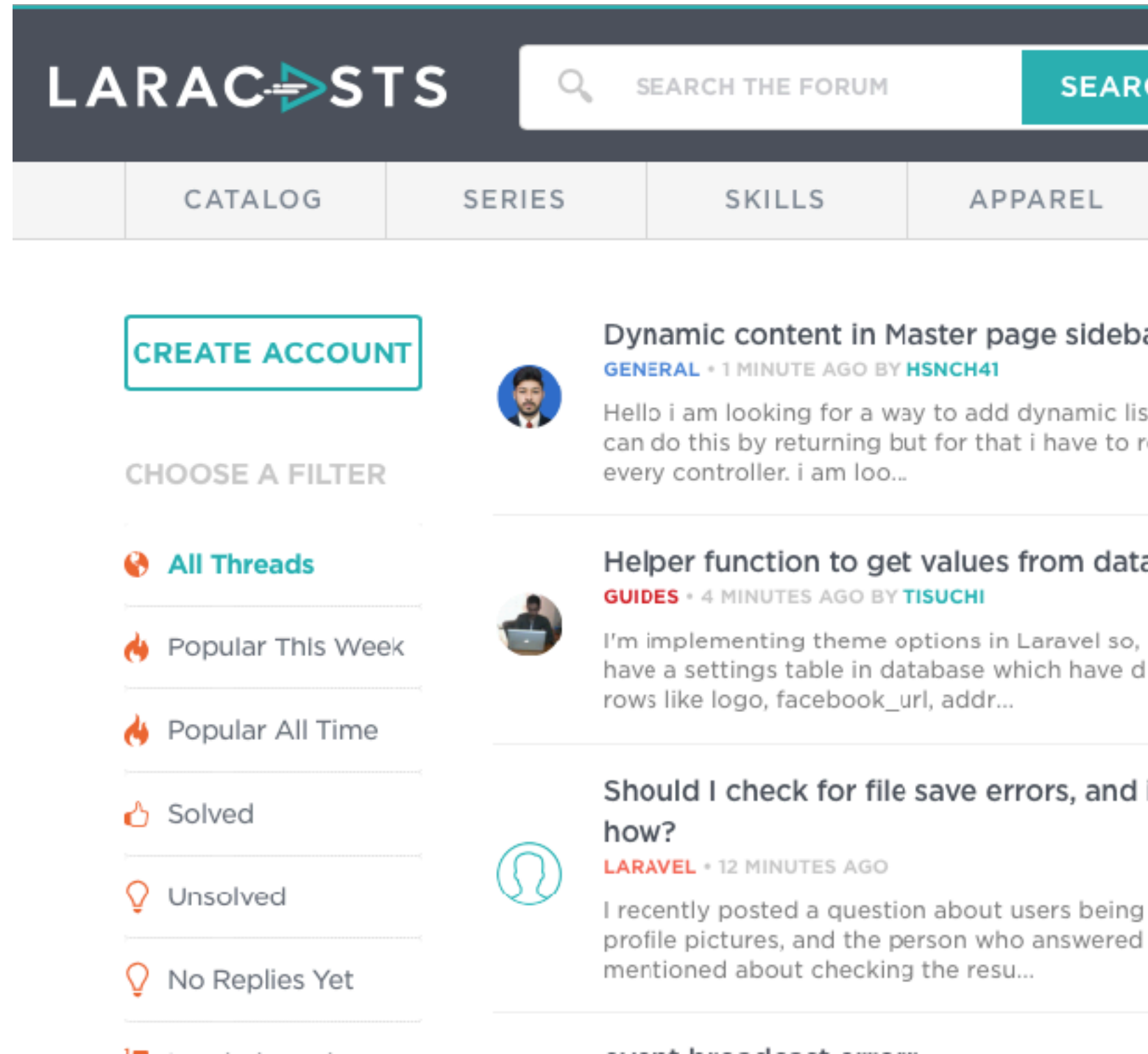
**Nested Grids**  
CSS Grids for Everyone - Episode #5  
**TOOLING** • OCT 4TH, 2017 • INTERMEDIATE

# Živá komunita

## # Laracasts

- Videonávody
- Diskuzní fórum

## # Stack Overflow



The screenshot shows the Laracasts website interface. At the top, there is a dark blue header with the 'LARACASTS' logo on the left and a search bar on the right with the placeholder text 'SEARCH THE FORUM' and a 'SEARCH' button. Below the header is a navigation bar with five tabs: 'CATALOG', 'SERIES', 'SKILLS', and 'APPAREL'. The main content area is divided into two columns. The left column features a 'CREATE ACCOUNT' button, a 'CHOOSE A FILTER' section, and a list of filter options: 'All Threads', 'Popular This Week', 'Popular All Time', 'Solved', 'Unsolved', and 'No Replies Yet'. The right column displays a list of forum posts. The first post is titled 'Dynamic content in Master page sidebar' by user 'HSNCH41' and is categorized as 'GENERAL'. The second post is titled 'Helper function to get values from data' by user 'TISUCHI' and is categorized as 'GUIDES'. The third post is titled 'Should I check for file save errors, and how?' and is categorized as 'LARAVEL'.

**LARACASTS** SEARCH THE FORUM SEARCH

CATALOG SERIES SKILLS APPAREL

**CREATE ACCOUNT**

CHOOSE A FILTER

- All Threads
- Popular This Week
- Popular All Time
- Solved
- Unsolved
- No Replies Yet

**Dynamic content in Master page sidebar**  
GENERAL • 1 MINUTE AGO BY HSNCH41  
Hello i am looking for a way to add dynamic lis...  
can do this by returning but for that i have to r...  
every controller. i am loo...

**Helper function to get values from data**  
GUIDES • 4 MINUTES AGO BY TISUCHI  
I'm implementing theme options in Laravel so, ...  
have a settings table in database which have d...  
rows like logo, facebook\_url, addr...

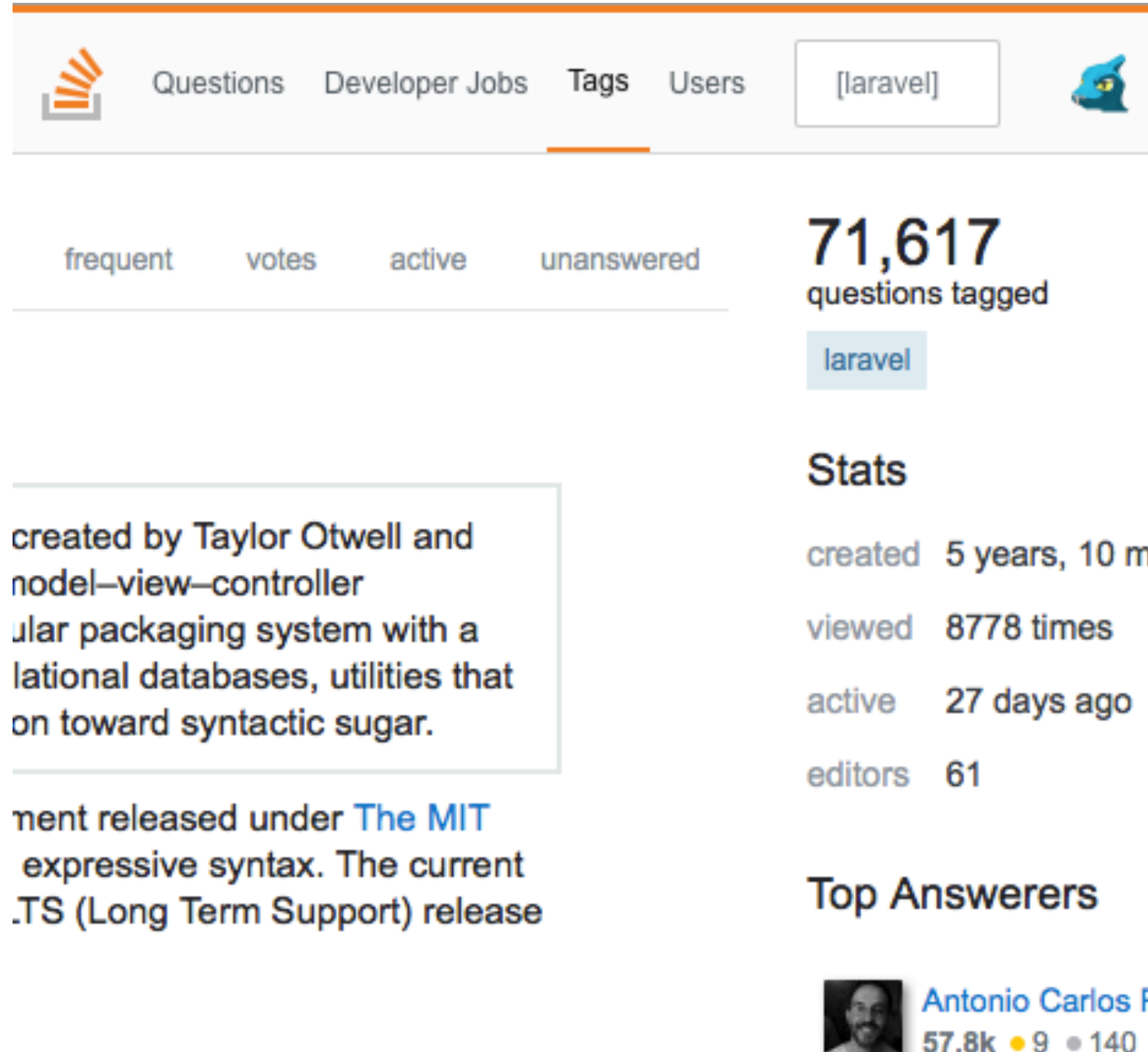
**Should I check for file save errors, and how?**  
LARAVEL • 12 MINUTES AGO  
I recently posted a question about users being ...  
profile pictures, and the person who answered ...  
mentioned about checking the resu...

# Živá komunita

## # Laracasts

- Videonávody
- Diskuzní fórum

## # Stack Overflow



The screenshot shows the top navigation bar of the Laravel website. It includes the Laravel logo, a search bar with the text "[laravel]", and links for "Questions", "Developer Jobs", "Tags", and "Users". Below the navigation bar, there are tabs for "frequent", "votes", "active", and "unanswered". On the right side, it displays "71,617 questions tagged laravel". Below this, there is a "Stats" section with the following information: "created 5 years, 10 m", "viewed 8778 times", "active 27 days ago", and "editors 61". At the bottom right, there is a "Top Answerers" section featuring a profile picture of Antonio Carlos F and his statistics: "57.8k", "9", and "140".

Questions Developer Jobs Tags Users [laravel]

frequent votes active unanswered

71,617 questions tagged laravel

Stats

created 5 years, 10 m  
viewed 8778 times  
active 27 days ago  
editors 61

Top Answerers

Antonio Carlos F  
57.8k 9 140

# Ekosystém

# Místní prostředí: Valet, Homestead

# Místní nástroje: Artisan, Tinker

# Testování: PHPUnit

# Nasazení: Envoyer

# Hosting: Forge



# Ekosystém

# Místní prostředí: Valet, Homestead

# Místní nástroje: Artisan, Tinker

# Testování: PHPUnit

# Nasazení: Envoyer

# Hosting: Forge



**Laravel** Homestead

# Ekosystém

# Místní prostředí: Valet, Homestead

# Místní nástroje: Artisan, Tinker

# Testování: PHPUnit

# Nasazení: Envoyer

# Hosting: Forge



# Ekosystém

# Místní prostředí: Valet, Homestead

# Místní nástroje: Artisan, Tinker

# Testování: PHPUnit

# Nasazení: Envoyer

# Hosting: Forge



# Ekosystém

# Místní prostředí: Valet, Homestead

# Místní nástroje: Artisan, Tinker

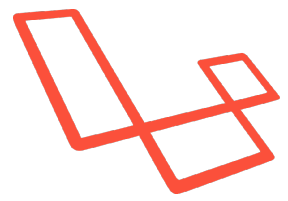
# Testování: PHPUnit

# Nasazení: Envoyer

# Hosting: Forge

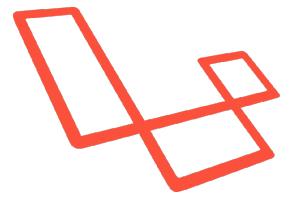
***FORGE***





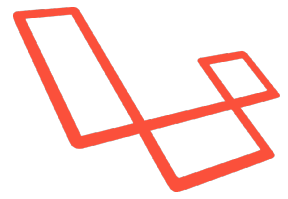
# Na co je více vhodný?

- # Úplné webové aplikace
- # Prezentační weby nad rámec statické prezentace
- # Služby, pomocné aplikace
- # Prototypování, rychlé vytvoření funkční aplikací
- # Převod „legacy“ aplikací
- # Vývoj specializovaných frameworků



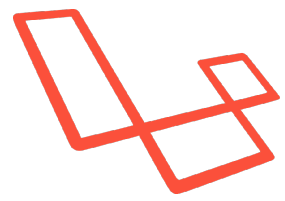
# Na co je méně vhodný?

- # Čistě back-endové aplikace, API, mikroslužby: Lumen
- # Běh na sdíleném hostingu
- # Aplikace se specifickými požadavky:
  - Vysoký výkon, škálovatelnost
  - Bezpečnost, kontrola nad kódem



# Další výhody

- # Pozvolná učicí křivka
- # Snadná nahraditelnost součástí
- # Možnost používat stávající kód
- # Rozšířenost, dostupnost a znalost vývojářů
- # Zářná budoucnost



# Příklady



KEYS & REMOTES

ACCESSORIES

Contact

Login



Search by part number or FCCID



Same Day Shipping on orders placed by 3:30pm EST M-F

## Replacement keys and remotes for less.

Huge savings over dealership prices.

### IT'S EASY, LET'S GO →

Your online resource for replacement keys, keyless entry remotes, and innovative, original products you can only get at iKeyless. Take a look inside for more details on our great products and industry-leading

vice.

### MY VEHICLE IS A

Make



Model



Year



FIND COMPATIBLE  
ITEMS

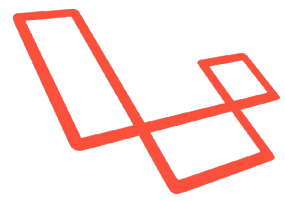
### I KNOW WHAT I NEED

Search by FCC ID or Part Number

FIND A MATCH



Leave a message



# Příklady

[Cars For Sale](#) ▾[Bikes For Sale](#) ▾[New Cars Guide](#)[News](#)[Forums](#)[Sign Up](#)[Login](#)[Sell your Car](#)

## Buy and Sell New & Used Cars in the Philippines

More car buyers and sellers than anywhere else.

[Search Cars](#)[Search Motorbikes](#)[Search Auto Parts](#)[Search Services](#)

Keyword

Condition

☐

New

☐

Used

Make

All Makes ▾

Model

All Models ▾

Price Range

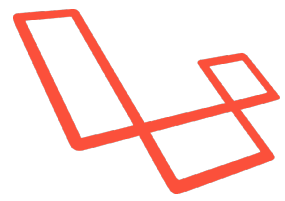
Select Price Range

Location

Enter Location

Search

Sell your car with us. it **SELLS**



# Příklady

Everyone wins when you share about your love for OnePlus! Learn how. ✕



[OnePlus 5](#)

[Accessories](#) ▼

[Support](#)

[Community](#)

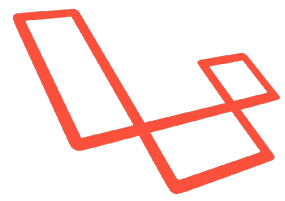


## OnePlus JCC Limited Edition

This is not a mobile phone, it is a creative machine.

[Learn more](#)





# Příklady

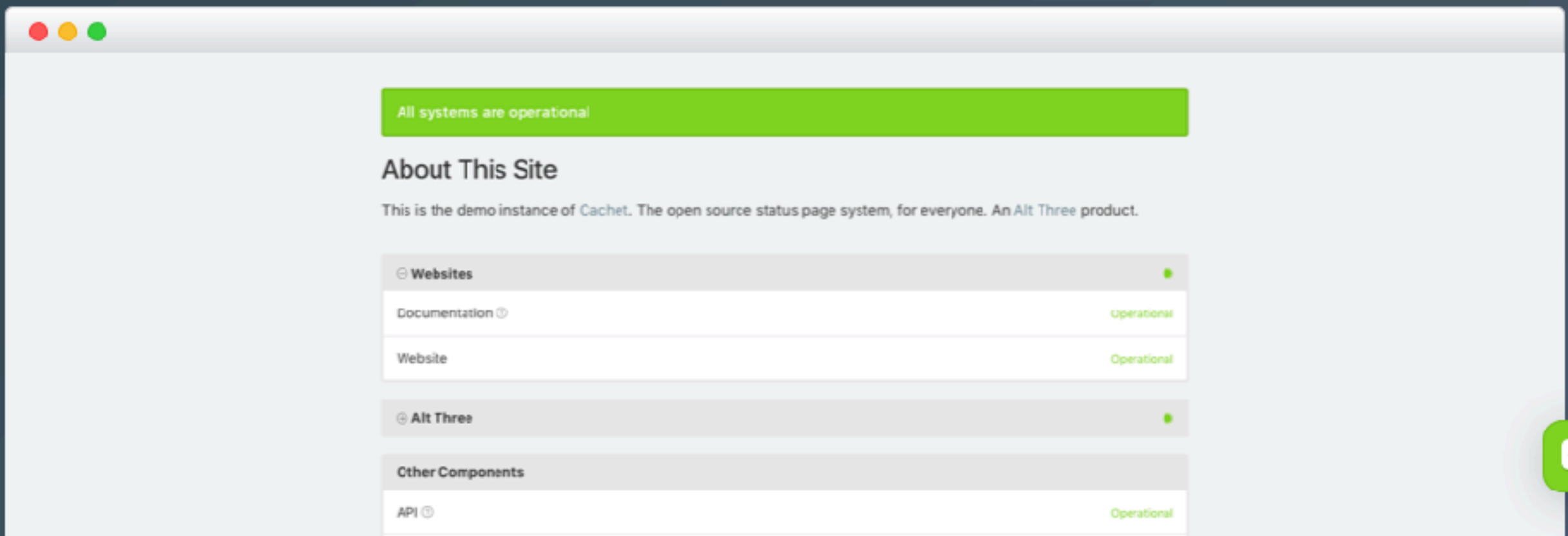


[Home](#) [Donate](#) [Documentation](#) [Blog](#) [GitHub](#)

## Meet Cachet

The open source status page system

 [See the demo](#)

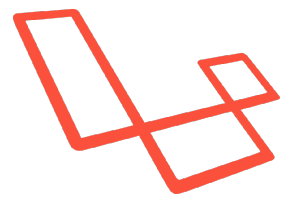


The screenshot shows a web browser window displaying the Cachet demo interface. At the top, a green banner states "All systems are operational". Below this, the section "About This Site" provides context: "This is the demo instance of Cachet. The open source status page system, for everyone. An Alt Three product." The main content area is organized into expandable sections. The "Websites" section is currently expanded, showing a list of monitored services: "Documentation" (operational) and "Website" (Operational). Below this, the "Alt Three" section is collapsed. The "Other Components" section is also collapsed, showing only the "API" (Operational) entry. A green chat bubble icon is visible in the bottom right corner of the browser window.

| Websites        |             |
|-----------------|-------------|
| Documentation ⓘ | operational |
| Website         | Operational |

| Alt Three |  |
|-----------|--|
|-----------|--|

| Other Components |             |
|------------------|-------------|
| API ⓘ            | Operational |



# Příklady

[October Pond is coming soon - find out more](#)

[Home](#)

**[Features](#)**

[Docs](#)

[Support](#)

[Blog](#)

[Plugins](#)

[Themes](#)

[Partners](#)

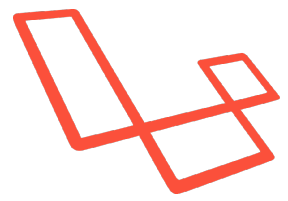
[Account](#) ▼

## Web Development is Simple

Like all good things in life, October can be understood at a glance. The principles it implements are natural and have existed in programming for a long time - we've just collected and brought them into the realm of web development.







# Praktická ukázka

# /app

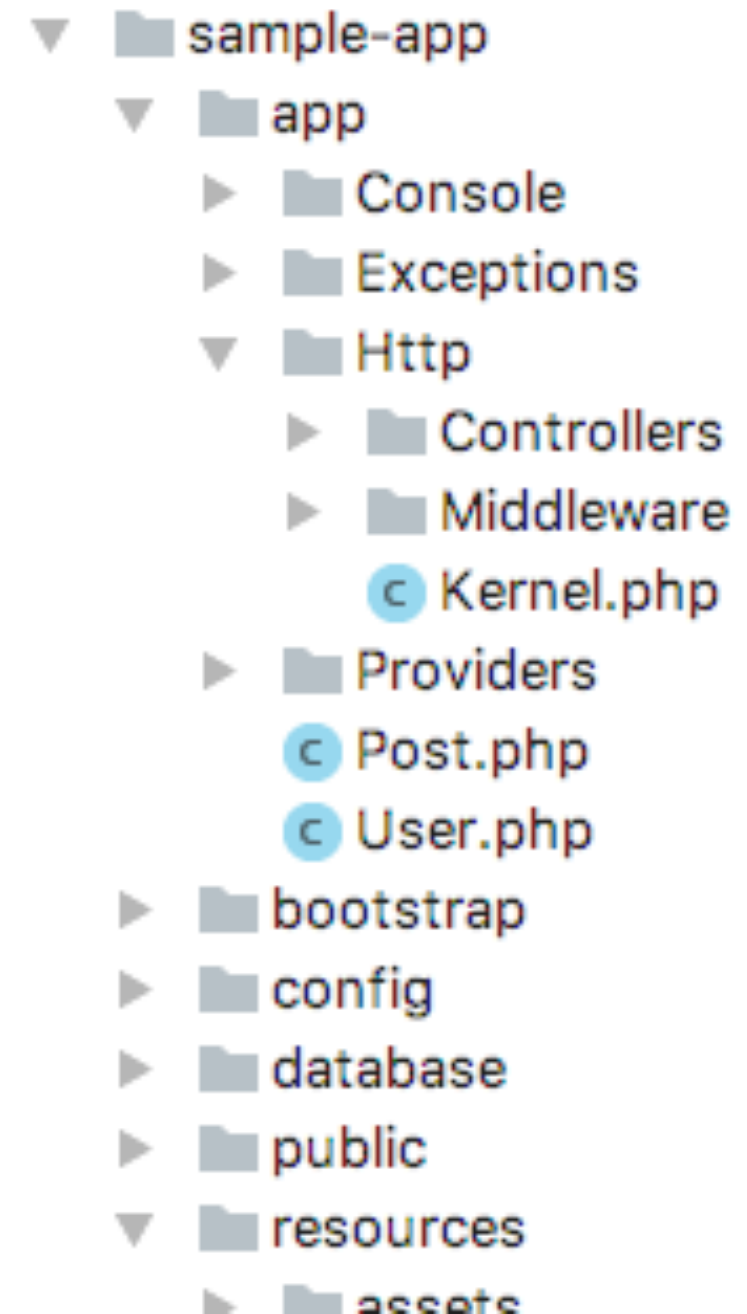
- výkonná část aplikace
- modely

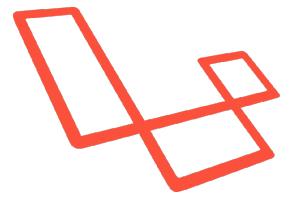
# /app/Http/Controllers

# /app/Http/Providers

# /public

- DocumentRoot





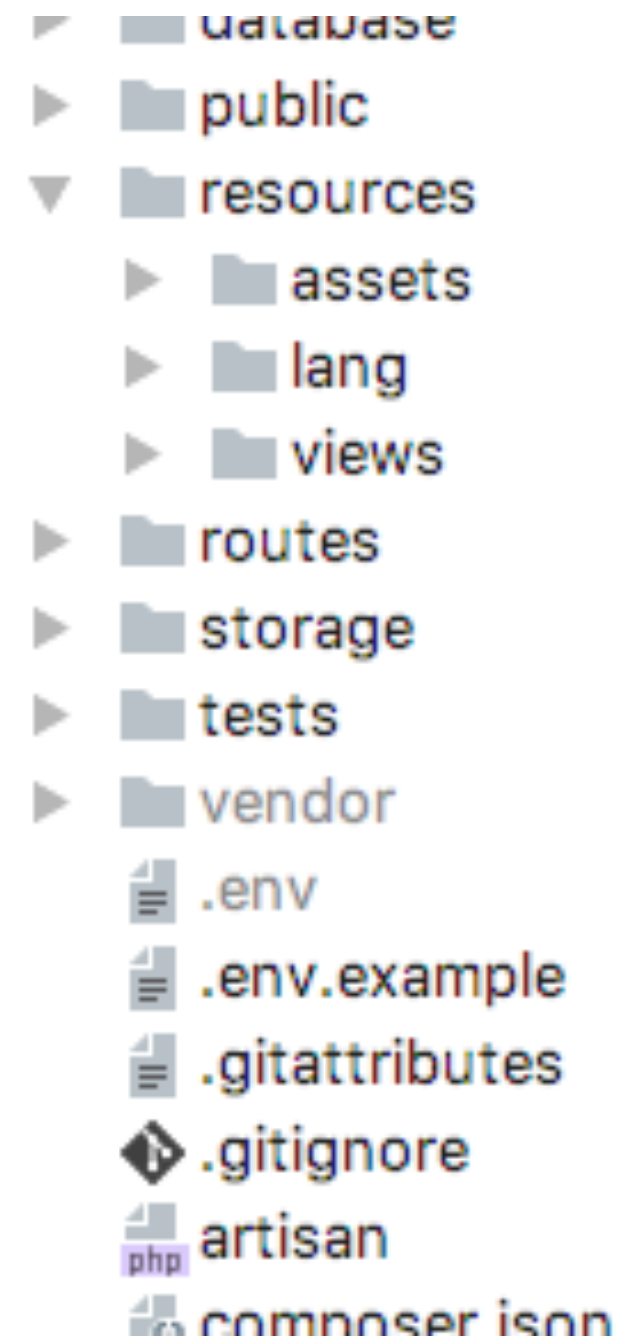
# Praktická ukážka

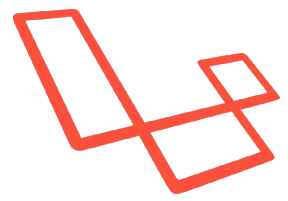
# /routes

- /routes/web.php

# /storage

- uložené soubory
- logy





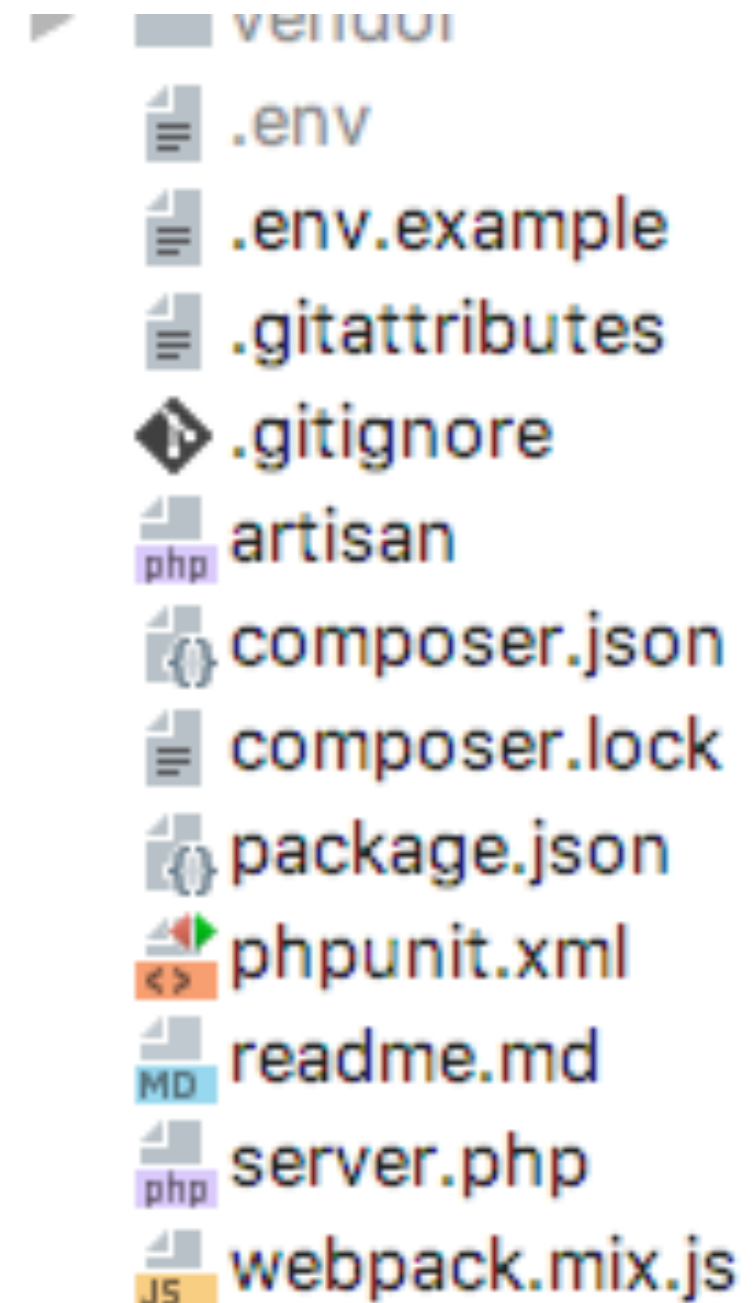
# Praktická ukázka

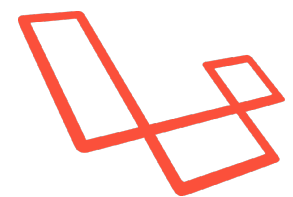
# /.env

# /artisan

# /webpack.mix.js

- Mix





# Praktická ukázka

# <https://github.com/Glutexo/laravel-prezentace-sample-app>