

# Workflow e Infra para aplicações Laravel

---

# Quem?!

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Desenvolvedor PHP há pelo menos 9 anos e Laravel há 5  
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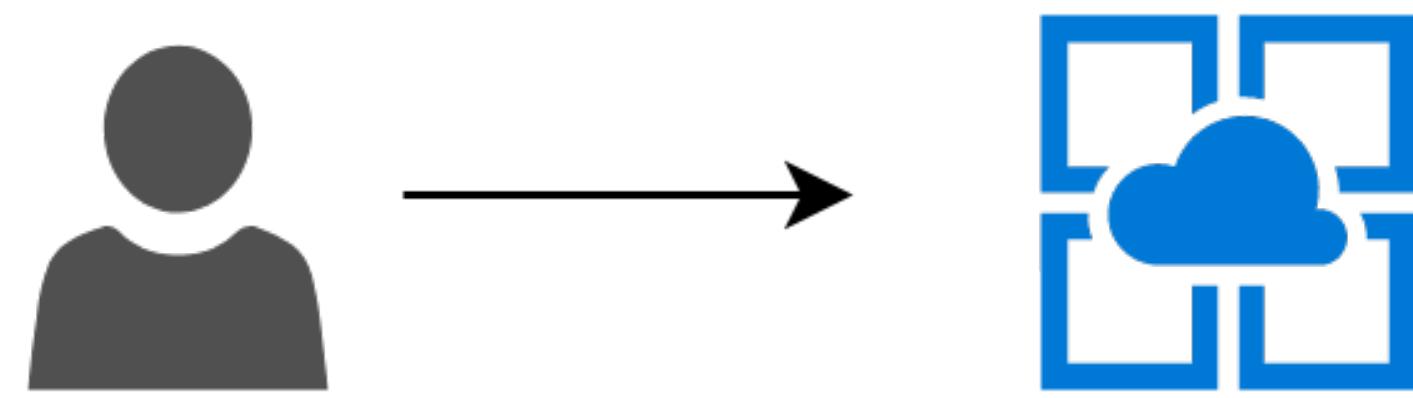
Marketing Automation & CRM <https://bulldesk.com.br> Edit

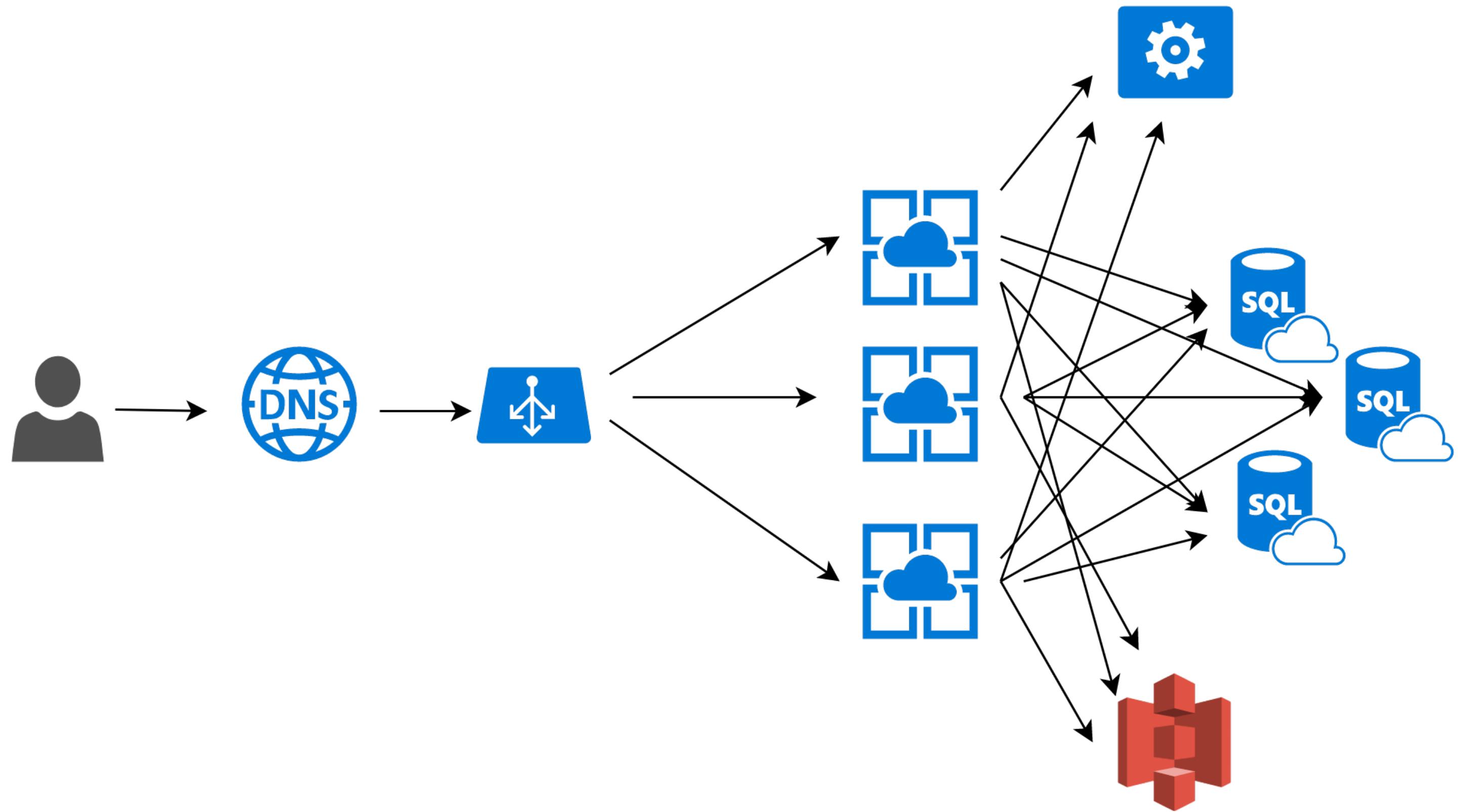
Add topics

17,571 commits 13 branches 159 releases 10 contributors

Branch: develop New pull request Create new file Upload files Find file Clone or download

gabrielkoerich Merge pull request #3002 from gabrielkoerich/max-width ... Latest commit 534c6ac 23 hours ago





# O que?!

- Workflow
- Infraestrutura
- Ferramentas
- Problemas e Soluções

# Development Workflow & Source Management

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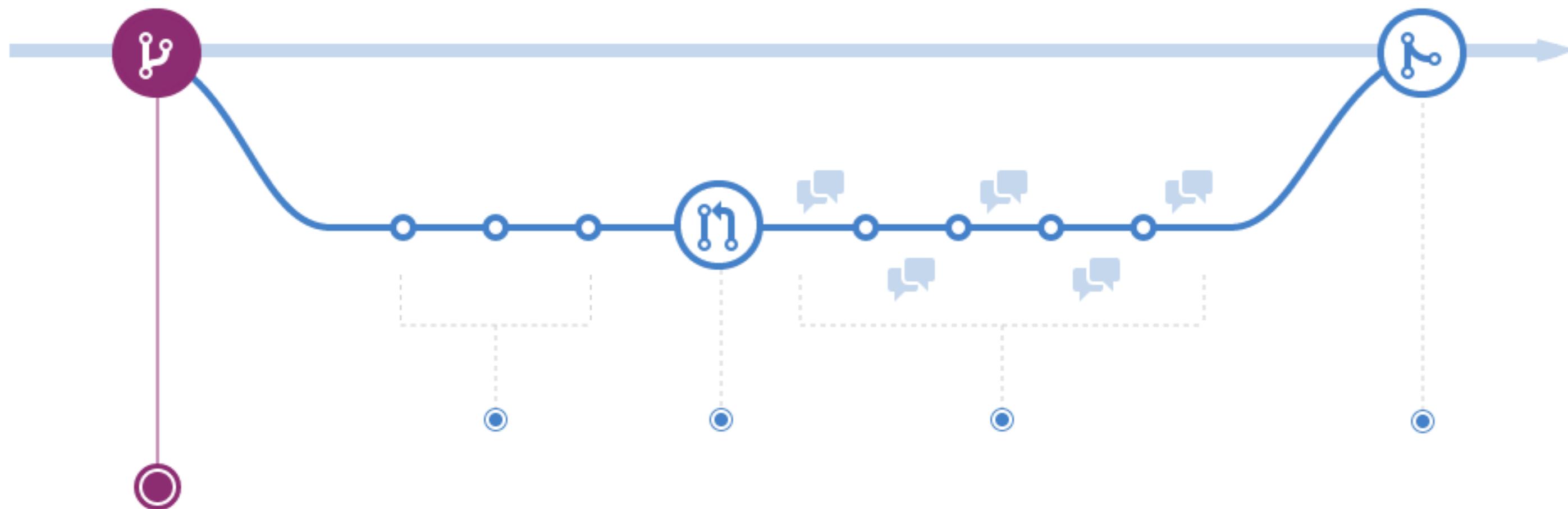
# Development Workflow & Source Management

- Indivíduos e interações
- Workflow, regras, padrão de código, PSRs
- Ambiente local
- Dump do banco Migrations / Seeds

# Github Flow

- Anything in master is deployable
- Every new branch should be created off of master
- Branches must have descriptive names (create-cache-manager, improve-auth, refactor-acl)
- Pull requests must be reviewed by at least 2 people
- When ready, you should merge and deploy immediately

# Github Flow





muan/sort-search-results

No Uncommitted Changes

History

Pull Request

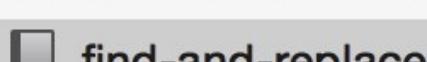
Filter Repositories

Update from master

View Branch

Sync

GitHub



master ▾

muan/sort-search-results



Use a loop

9 hours ago by benogle



Use .localeCompare instead of &gt; for...

9 hours ago by muan



Default out of range so results won't all...

9 hours ago by muan



Remove check if should render more

9 hours ago by muan



Prevent rendering elements indefinitely

9 hours ago by muan



Find out the insert point in the item loop...

9 hours ago by muan



Keep inserting results if they should be...

9 hours ago by muan



Insert search result at the correct alphab...

9 hours ago by muan

## Prevent rendering elements indefinitely

By making a mark when screen is filled with results and only add more results to above the fold if the insertPoint is above the fold.

muan f9848ba 9 hours ago ⚙

lib/project/results-view.coffee

```
...   ... @@ -69,6 +69,7 @@ class ResultsView extends ScrollView
69    69       return unless renderAll or @shouldRenderMoreResults()
70    70
71    71       paths = @model.getPaths()
72    72 +     @foldFilledAt ?= 0
73    73       for filePath in paths[@lastRenderedResultIndex..]
74    74         result = @model.getResult(filePath)
75       listItems = @children()
...   ... @@ -78,7 +79,10 @@ class ResultsView extends ScrollView
78    79       insertPoint = index
79    80
80    81
81
82 -     break if not listItems[insertPoint] not renderAll and
83 -           not @shouldRenderMoreResults()
84
85 +     if @foldFilledAt is 0 and not
```

# Bulldesk

---

## Guidelines

---

- Contributions must follow the [GitHub Flow](#) with slightly modifications. Create a new branch and pull request it to **develop**. Never directly to **master**.
- All contributions must have tests. Remember to verify the Code Climate and Travis CI status.
- Use the present tense ("Add feature" not "Added feature") and the imperative mood ("Move class to..." not "Moves class to...") on commits and pull requests.
- Pull requests must be reviewed before merged.
- Done is better than perfect. Does it work as expected? Ship now, iterate later.
- Deployes are automatically handled via [Envoyer](#) when fresh code are pushed to **master**.

# PHP Coding Style

---

We must follow the [PSR-2](#) coding standard and the [PSR-4](#) autoloading standard.

You also should read the [PHP The Right Way](#).

## PHPDoc

Below is an example of a valid documentation block. Note that the `@param` attribute is followed by two spaces, the argument type, two more spaces, and finally the variable name:

```
/**
 * Register a binding with the container.
 *
 * @param string|array $abstract
 * @param \Closure|string|null $concrete
 * @param bool $shared
 * @return void
 */
public function bind($abstract, $concrete = null, $shared = false)
{
    //
}
```

# Laravel Valet

```
# Install PHP/Composer/MySQL/Redis local

# On MacOS
$ composer global require laravel/valet

# On Linux
$ composer global require cpriego/valet-linux

$ valet install

$ cd ~/Projects && valet park

# All directories in ~/Projects will be accessible at http://{folder}.dev
```

# Vessel (Docker)

## PHP 7.1, MySQL 5.7, Redis & NodeJS with NPM, Yarn & Gulp

```
# Install docker  
  
$ composer require shipping-docker/vessel  
  
# Register Vessel\VesselServiceProvider if not on Laravel 5.5  
  
$ php artisan vendor:publish --provider="Vessel\VesselServiceProvider"  
  
$ bash vessel init  
  
$ ./vessel start  
  
# Accessible at http://localhost
```

# Continuous Integration

---

# Continuous Integration

- Config (.env, dotfiles)
- Testes automatizados
- Cobertura de código
- Qualidade de código

```
5 Migrating: 2017_10_27_140351_add_fee_to_invoices_table
6 Migrated: 2017_10_27_140351_add_fee_to_invoices_table
7 Migrating: 2017_10_31_232431_add_subscribers_to_kpi_table
8 Migrated: 2017_10_31_232431_add_subscribers_to_kpi_table
9 Migrating: 2017_11_03_173641_add_tenant_id_field_to_statuses_table
10 Migrated: 2017_11_03_173641_add_tenant_id_field_to_statuses_table
11 Migrating: 2017_11_03_195532_add_subscribers_diff_to_kpi_table
12 Migrated: 2017_11_03_195532_add_subscribers_diff_to_kpi_table
13 Migrating: 2017_11_08_170121_add_avg_to_kpi_table
14 Migrated: 2017_11_08_170121_add_avg_to_kpi_table
15 PHPUnit 5.7.21 by Sebastian Bergmann and contributors.
16
17 ..... 63 / 175 ( 36%)
18 ..... 126 / 175 ( 72%)
19 ..... 175 / 175 (100%)
20
21 Time: 1.11 minutes, Memory: 408.00MB
22
23 OK (175 tests, 1644 assertions)
24
25
26
27
28
29
30
31
32
33
34
35
36 The command "vendor/bin/phpunit -c phpunit-ci.xml --exclude-group slow" exited with 0.
37 store build cache
38
39
40
41
42 Done. Your build exited with 0.
```



**Travis CI** APP 5:31 PM

Build [#11583 \(2e5a7bf\)](#) of gabrielkoerich/bulldesk@develop in PR [#2968](#) by Lucas Leandro failed in 2 min 20 sec



**Travis CI** APP 5:58 PM

Build [#11584 \(5efcdc2\)](#) of gabrielkoerich/bulldesk@master in PR [#3005](#) by Gabriel Koerich failed in 1 min 40 sec



**Travis CI** APP 6:06 PM

Build [#11585 \(28d5440\)](#) of gabrielkoerich/bulldesk@master in PR [#3005](#) by Gabriel Koerich failed in 1 min 7 sec



**Travis CI** APP 6:23 PM ☆

Build [#11586 \(b00ee42\)](#) of gabrielkoerich/bulldesk@master in PR [#3005](#) by Gabriel Koerich passed in 2 min 2 sec

## Breakdown

1,475 FILES



MAINTAINABILITY



TEST COVERAGE

## Codebase summary

MAINTAINABILITY



2 mos

TEST COVERAGE



67%

## Repository stats

CODE SMELLS

274

DUPLICATION

67

OTHER ISSUES

1,466

# Provision/Deploy Platforms

---

# Provision/Deploy Platforms

- Deploy contínuo
- Sem downtime
- Multi servidores/instâncias
- PHP 7.1
- SSL & http2

# Painless PHP Servers

Provision and deploy unlimited PHP applications on DigitalOcean, Linode, AWS, and more.

[Register Now](#)[Learn More](#)

The screenshot shows the top navigation bar of the Forge application. It includes the 'FORGE' logo, links for 'Servers', 'Sites', and 'Recipes', a central search bar, and a user profile for 'Adam Wathan' with a small profile picture.

Create a server



Digital Ocean



Custom VPS

Credentials

Bulldesk

Name

fancy-meadow

Server Size

2GB RAM - 2 CPU Cores - 40GB SSD - \$0.03 / Hour - \$20 / Month

Region

New York 1

PHP Version

7.1

Post-Provision Recipe

None

Database

MySQL (5.7)

Database Name

forge

Provision As Load Balancer

Enable DigitalOcean Weekly Backups



CREATE SERVER

CANCEL

## Server Network

Keys

SQL

eduler

mons

work

nitoring

a

Below is a list of all of the other servers this server may access. In other words, this server's network! This makes it a breeze to use a connected server as a separate database, cache, or queue box.

Can Connect To

- bulldesk-app-1
- bulldesk-app-2
- bulldesk-app-3
- bulldesk-jobs-2
- bulldesk-legacy
- bulldesk-load-balancer
- bulldesk-mysql-1
- bulldesk-mysql-2
- bulldesk-mysql-3

UPDATE NETWORK



Digital Ocean



Custom VPS

Credentials

Bulldesk

Name

fancy-meadow

Server Size

2GB RAM - 2 CPU Cores - 40GB SSD - \$0.03 / Hour - \$20 / Month

Region

New York 1

Post-Provision Recipe

None

Database Name

forge

Provision As Load Balancer

Enable DigitalOcean Weekly Backups

CREATE SERVER

CANCEL

# Balanced Servers

To add servers to the balancer, create a server on this provider and region.

Below is a list of all of the servers available for balancing, which includes all of the servers in the same private network as this server.

- | Balance |  |
|---------|--|
|         | <input checked="" type="checkbox"/> bulldesk-app-1      |
|         | <input checked="" type="checkbox"/> bulldesk-app-2     |
|         | <input checked="" type="checkbox"/> bulldesk-app-3    |
|         | <input type="checkbox"/> bulldesk-jobs                |
|         | <input type="checkbox"/> bulldesk-jobs-2              |
|         | <input checked="" type="checkbox"/> bulldesk-legacy   |
|         | <input checked="" type="checkbox"/> bulldesk-mysql-1  |
|         | <input type="checkbox"/> bulldesk-mysql-2             |
|         | <input type="checkbox"/> bulldesk-mysql-3             |

 UPDATE BALANCED SERVERS

# Problema

---

Laravel não entende que o request veio do cliente e não do load balancer

# Trusted Proxy

```
$ composer require fideloper/proxy

# Register Fideloper\Proxy\TrustedProxyServiceProvider

$ php artisan vendor:publish --provider="Fideloper\Proxy\TrustedProxyServiceProvider"

// Http/Kernel.php
protected $middleware = [
    //...
    \Fideloper\Proxy\TrustProxies::class,
];

// config/trustedproxy.php
return [
    'proxies' => [
        '192.168.10.10', // Load balancer's IP address
    ],
//...
```

# Problema

---

Como servir arquivos estáticos de um só servidor?

# Nginx Proxy

```
upstream static {  
    least_conn;  
    server 10.xx.xx.xx:80;  
}  
  
upstream websocket {  
    least_conn;  
    server 10.xx.xx.xx:2095;  
}
```

^ Websocket/redis

# Nginx Proxy

```
location ~* \.(css|js|png|jpg|woff|ttf)$ {
    #return 301 $scheme://static.bulldesk.com.br$request_uri;
    proxy_pass http://static;
    proxy_http_version 1.1;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection upgrade;
    proxy_set_header Host $host;
}

location /socket.io {
    proxy_pass http://websocket;
    proxy_http_version 1.1;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection "upgrade";
    proxy_set_header Host $host;

    proxy_connect_timeout      300;
    proxy_send_timeout         300;
    proxy_read_timeout          300;
    send_timeout                 300;
}
```

# Recipes

App server post-provision

root



Database server post-provision

root



Redis server post-provision

root



# .env

```
REDIS_HOST=
BEANSTALKD_HOST=
```

```
DB_HOST=
DB_WRITE_HOST=
DB_READ_HOST=
DB_BACKUP_HOST=
```

```
DB_NAME=
DB_USER=
DB_PASSWORD=
```

```
CACHE_DRIVER=redis
SESSION_DRIVER=redis
```

# Config

```
//...
'connections' => [
  'mysql' => [
    'write' => [
      'host' => env('DB_WRITE_HOST', env('DB_HOST', '127.0.0.1')),
    ],
    'read' => [
      'host' => [
        env('DB_WRITE_HOST', env('DB_HOST', '127.0.0.1')),
        env('DB_READ_HOST', env('DB_HOST', '127.0.0.1')),
      ],
    ],
    'backup' => [
      'host' => env('DB_BACKUP_HOST', env('DB_READ_HOST', '127.0.0.1')),
      'arguments' => '--single-transaction --skip-tz-utc',
    ],
  ],
  //...
];
```

# Beanstalkd queues + Supervisor

Active Workers							<a href="#">CHECK WORKER STATUS</a>
Connection	Queue	Timeout	Processes	Tries	Daemon	Restart	
beanstalkd	sending	7100	3	1	✓ Yes		
beanstalkd	import	7100	3	1	✓ Yes		
beanstalkd	default	300	6	1	✓ Yes		
beanstalkd	export	1200	2	1	✓ Yes		
beanstalkd	sending_actions	300	4	1	✓ Yes		
beanstalkd	automation	300	4	1	✓ Yes		
beanstalkd	decision	300	4	1	✓ Yes		
beanstalkd	listeners	60	2	1	✓ Yes		

name	current-jobs-urgent	current-jobs-ready	current-jobs-reserved	current-jobs-delayed	current-jobs-buried	total-jobs
automation	0	0	0	513	0	118157

**Actions:** ► Kick 1 job   ► Kick 10 job   || Pause tube

**Actions:**  Kick 1 job  Kick 10 job  Pause tube  Add job 

## Next job in "ready" state

*empty*

## Next job in "delayed" state

Stats

## Job data:

 Add to samples

→ Move all delayed to

 Delete all delayed jobs

 Delete

id	8625457
tube	automation
state	delayed
pri	1024
age	1471
delay	1860

```
{  
    "displayName": "Bulldesk\\\\Automation\\\\Job\\\\Action\\\\SendMail",  
    "job": "Illuminate\\\\Queue\\\\CallQueuedHandler@call",  
    "maxTries": 2,  
    "timeout": null,  
    "data": {  
        "commandName": "Bulldesk\\\\Automation\\\\Job\\\\Action\\\\SendMail",  
        "command": "0:39:\\\"Bulldesk\\\\Automation\\\\Job\\\\Action\\\\SendMail\\\":12:{  
            s:4:\\\"mail\\\";0:45:\\\"Illuminate\\\\Contracts\\\\Database\\\\ModelIdentifier\\\":2:{  
                s:5:\\\"class\\\";s:24:\\\"Bulldesk\\\\Mail\\\\Model\\\\Mail\\\";s:2:\\\"id\\\";i:324;  
            }s:5:\\\"tries\\\";i:2;s:6:\\\"action\\\";0:45:\\\"Illuminate\\\\Contracts\\\\Database\\\\ModelIdentifier\\\":2:{  
        }
```



A Laravel Product

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# Zero Downtime PHP Deployment

Deployments you've only dreamed about. Zero downtime. Zero fuss.

[Start Now for \\$10/month](#)

[Watch The Laracasts](#)

## Add Server

X

Name

bulldesk-jobs-2

IP Address



Port

22

Connect As

forge

PHP Version

PHP 7.1



Receives Code Deployments 

Project Path 

/home/forge/bulldesk.com.br

 Save Server

## Public SSH Key

X

This key **must** be added to the server's .ssh/authorized\_keys file for **each** user you want to run tasks as.

ssh-rsa

## Deployment Hooks

 Manage Linked Folders

Action	Before	After	
Clone New Release		Delete compiled file	
Install Composer Dependencies		Tests (legacy)	
Activate New Release	Migrations [mysql-1], Frontend [deprecated]	Cache / restart / update [all]	
Purge Old Releases		Notify Bugsnag	

## &lt;/&gt; Update Hook (Tests (legacy))

X

Bulldesk \*PRO\*

Name

Tests (legacy)

Run As

forge

Script

```
1 cd {{ release }}  
2 vendor/bin/phpunit
```

+ Add Hook

&lt;/&gt; Before Th

No hooks have been defined.



On Servers

- bulldesk-app-1
- bulldesk-app-2
- bulldesk-app-3
- bulldesk-jobs
- bulldesk-jobs-2
- bulldesk-legacy
- bulldesk-mysql-1

## &lt;/&gt; Update Hook (Frontend)



Name

Frontend

Run As

forge

Script

```
1 cd {{ release }}
2 ln -s {{ project }}/node_modules node_modules
3 ln -s {{ project }}/public/build public/build
4 ln -s {{ project }}/public/scripts public/scripts
5 ln -s {{ project }}/public/styles public/styles
6 ln -s {{ project }}/public/components public/components
7
8 npm install
9 npm run production
```

+ Add Hook



On Servers

- bulldesk-app-1 (red bar)
- bulldesk-app-2 (red bar)
- bulldesk-app-3 (red bar)
- bulldesk-jobs (red bar)
- bulldesk-jobs-2 (red bar)
- bulldesk-legacy (red bar)
- bulldesk-mysql-1 (red bar)

## &lt;/&gt; Update Hook (Migrations [mysql-1])

X

Name

Migrations [mysql-1]

Run As

forge

Script

```
1 cd {{ release }}
2 cp {{ project }}/.env .env
3 php artisan migrate --force
```

+ Add Hook

&lt;/&gt; Before Th

Name

Migrations [my

Frontend



On Servers

- bulldesk-app-1 (1)
- bulldesk-app-2 (1)
- bulldesk-app-3 (1)
- bulldesk-jobs (1)
- bulldesk-jobs-2 (1)
- bulldesk-legacy (1)
- bulldesk-mysql-1 (1)

</> Update Hook (Cache / restart / update [all]) X

Name

Cache / restart / update [all]

Run As

forge

Script

```
1 cd {{ release }}
2 php artisan config:cache
3 php artisan deploy:notify
4 php artisan queue:restart
5
6 echo {{ sha }} > public/build/deploy
```

+ Add Hook

On Servers

- bulldesk-app-1 (bulldesk-app-1)
- bulldesk-app-2 (bulldesk-app-2)
- bulldesk-app-3 (bulldesk-app-3)
- bulldesk-jobs (bulldesk-jobs)
- bulldesk-jobs-2 (bulldesk-jobs-2)
- bulldesk-legacy (bulldesk-legacy)
- bulldesk-mysql-1 (bulldesk-mysql-1)

## &lt;/&gt; Update Hook (Notify Bugsnag)

X

Bulldesk \*PRE

Name

Notify Bugsnag

Run As

forge

Script

```
1 cd {{ release }}  
2  
3 php artisan bugsnag:deploy --revision "{{ sha }}"
```

+ Add Hook



&lt;/&gt; Before Th

No hooks have been defined for this project.

On Servers

- bulldesk-app-1
- bulldesk-app-2
- bulldesk-app-3
- bulldesk-jobs (1)
- bulldesk-jobs-2 (1)
- bulldesk-legacy (1)
- bulldesk-mysql-1 (1)

# Composer scripts

```
"scripts": {  
    "post-install-cmd": [  
        "Illuminate\\Foundation\\ComposerScripts::postInstall",  
        "php artisan config:clear",  
        "php artisan route:clear",  
        "php artisan route:scan",  
        "php artisan route:cache",  
        "php artisan optimize"  
],  
    "post-update-cmd": [  
        "Illuminate\\Foundation\\ComposerScripts::postUpdate",  
        "php artisan route:clear",  
        "php artisan config:clear",  

```

# Próximos passos

- Medir % de aumento nos requests com [keen.io](#)
- Criar novos servidores de aplicação usando a API do Forge e receitas
- Adicionar servidores ao load-balancer
- Remover servidores desnecessários

# Monitoring & Security

---

# Monitoring, Security & Optimization

- CDN
- Monitores
- Logs e exceptions centralizadas
- Backups
- Testes de carga

 Filter servers Off

Show labels

⊕ Add more



## Recent events

No Events In The Last 24 Hours

Name	CPU	Disk IO	Memory	Fullest disk	
bulldesk-mysql-3	1.48%	0.18%	28.3% 281 MB / 992 MB	76.6% 7 GB free	
bulldesk-mysql-2	0.67%	0.32%	24% 479 MB / 2 GB	32.2% 26 GB free	
bulldesk-mysql-1	0.42%	0.18%	24.4% 488 MB / 2 GB	37.1% 24 GB free	
bulldesk-load-balancer	0.46%	0.01%	16.6% 81 MB / 488 MB	40.1% 11 GB free	
bulldesk-legacy	0.46%	0%	52.3% 520 MB / 994 MB	50.4% 14 GB free	
bulldesk-1					
bulldesk-jobs-2	0.22%	0%	7.1% 142 MB / 2 GB	7.46% 35 GB free	
bulldesk-jobs	0.56%	0.02%	58.7% 1 GB / 2 GB	20.6% 30 GB free	
bulldesk-app-3	0.37%	0.02%	38.7% 189 MB / 488 MB	38.2% 12 GB free	
bulldesk-app-2	0.8%	0.05%	21.7% 106 MB / 488 MB	49.4% 10 GB free	
bulldesk-app-1	0.37%	0.03%	12.3% 122 MB / 992 MB	52.5% 9 GB free	
Bulldesk					

# Digital Ocean Monitoring

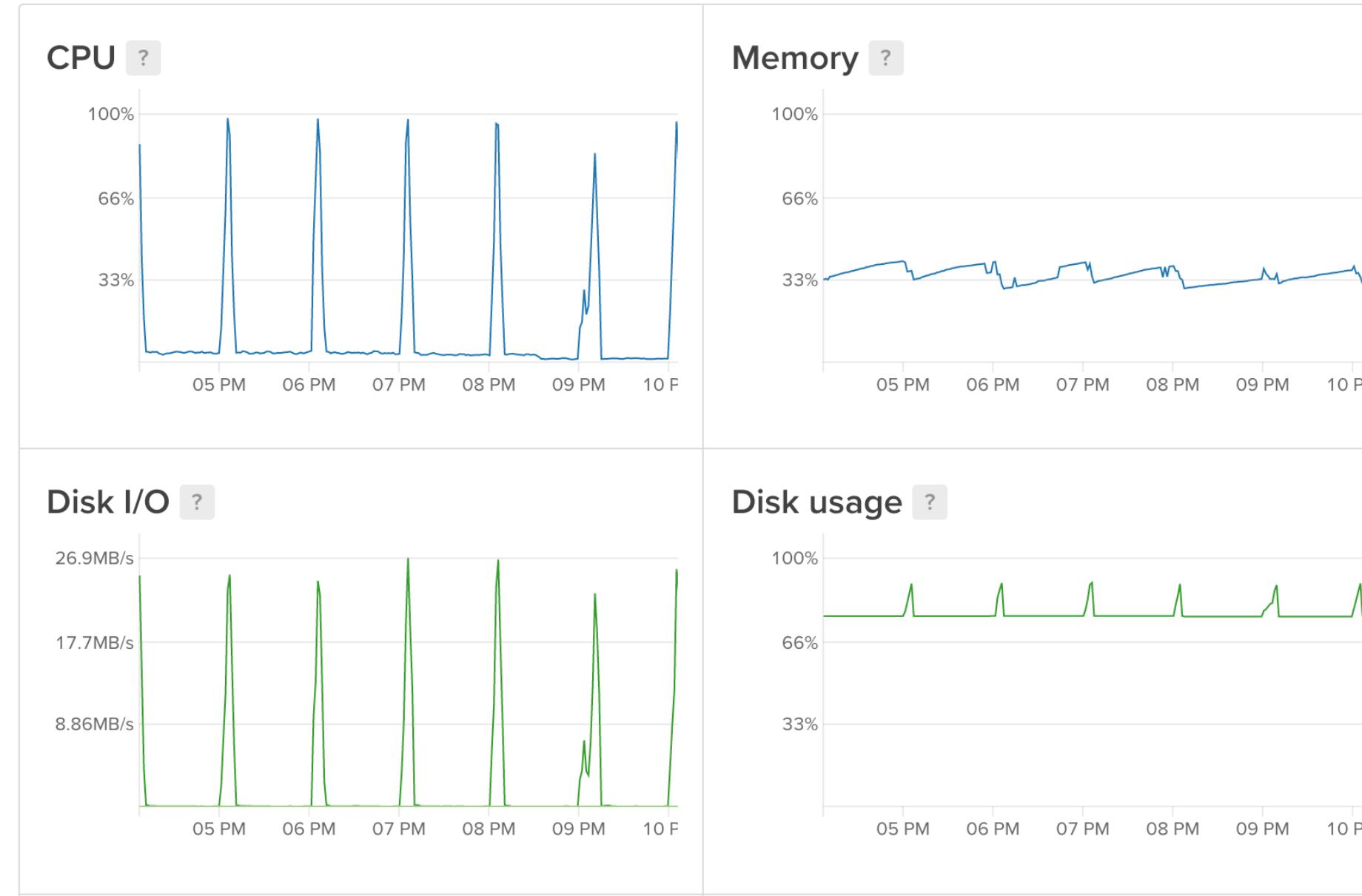
```
$ curl -sSL https://agent.digitalocean.com/install.sh | sh
```

# Digital Ocean Monitoring

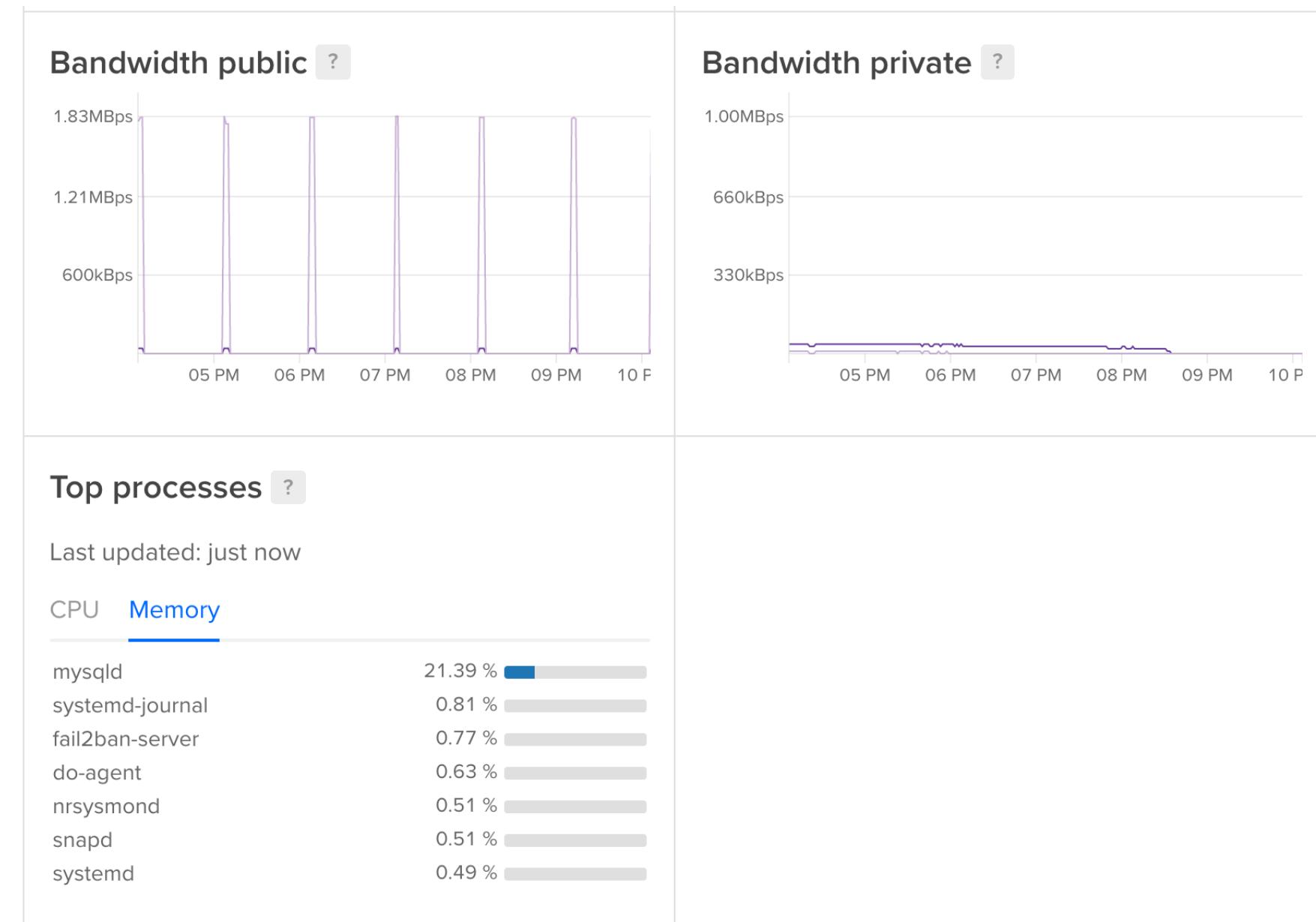
```
$ curl -sSL https://agent.digitalocean.com/install.sh | sh
```

Na ilha formosa, cheia de graça, o time da raça  
É povo é gente, é bola pra frente  
É só coração, o meu Avaí  
Avaí meu Avaí, da ilha és o Leão  
Avaí meu Avaí, tu já nasceste campeão

# Digital Ocean Monitoring



# Digital Ocean Monitoring



# Digital Ocean Monitoring

## Create alert policy

### Select metric & set threshold

CPU	is above	70	%	5 min
-----	----------	----	---	-------

### Select Droplets or Tags

Please type a Droplet or Tag Name

### Send alerts via

- Email gabriel@algorit.com.br
- Slack to #notifications [Unlink](#)

### Name and create alert policy

CPU is running high



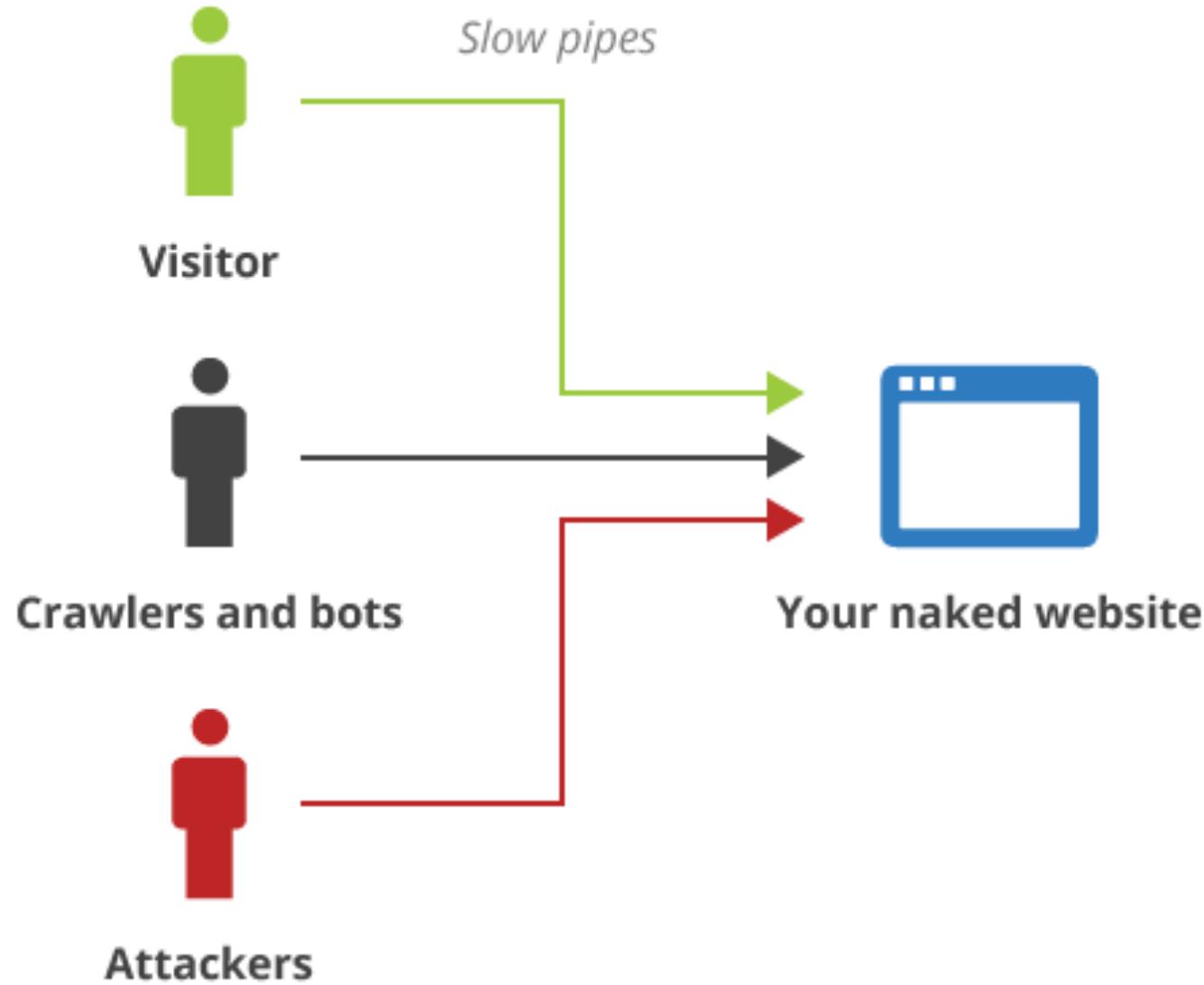
Create alert policy

Cloudflare makes your  
SaaS products  
faster & safer.

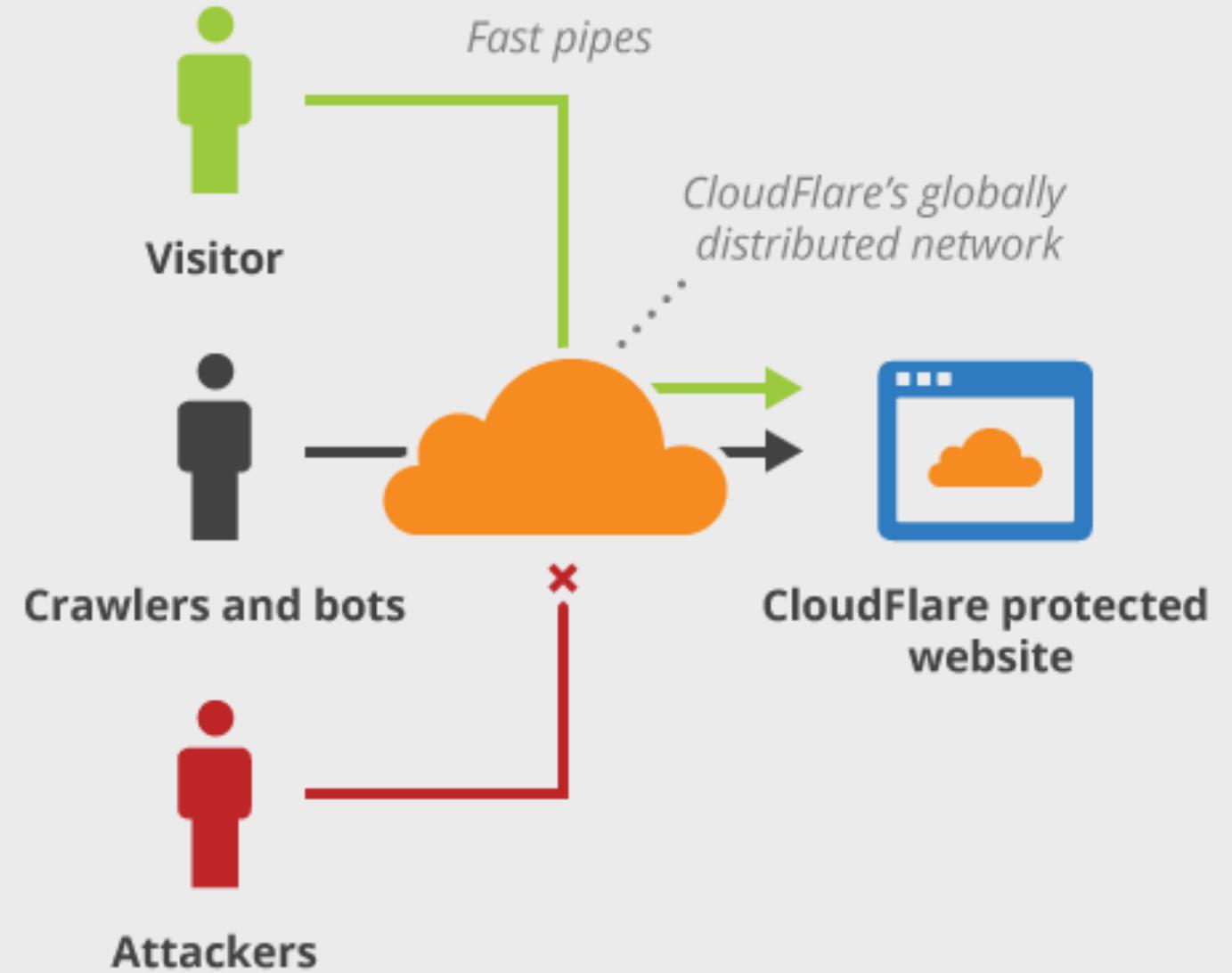


Learn how Cloudflare works

### Without CloudFlare



### With CloudFlare



```

/**
 * Set the CloudFlare connecting IP and https if applied.
 *
 * @param \Illuminate\Http\Request $request
 * @param Closure                 $next
 * @return mixed
 */
public function handle($request, Closure $next)
{
    if (! app()->environment('production')) {
        return $next($request);
    }

    if ($request->server->has('HTTP_CF_CONNECTING_IP')) {
        if ($request->isSecure()) {
            $request->server->set('HTTPS', true);
        }

        $request->server->set('REMOTE_ADDR', $request->server->get('HTTP_CF_CONNECTING_IP'));

        return $next($request);
    }

    logf('CF: Blocked request to %s from %s', [$request->fullUrl(), $request->ip()]);

    return new Response('', 404);
}

```

# Page Rules

Control your Cloudflare settings by URL

## Page Rules

You have used all of your Page Rules. [Buy More Page Rules.](#)

[Buy More Page Rules](#)

Page Rules let you control which Cloudflare settings trigger on a given URL. Only one Page Rule will trigger per URL, so it is helpful if you sort Page Rules in priority order, and make your URL patterns as specific as possible.

### URL/Description

1	static.bulldesk.com.br/* Cache Level: Cache Everything, Edge Cache TTL: a month	<span>On</span> <span>↔</span> <span>🔧</span> <span>X</span>
2	bulldesk.com.br/* Cache Level: Cache Everything, Edge Cache TTL: a month	<span>On</span> <span>↔</span> <span>🔧</span> <span>X</span>
3	assets.bulldesk.com.br/* Forwarding URL: (Status Code: 301 - Permanent Redirect, Url: https://static.bulldesk.com.br/\$1)	<span>On</span> <span>↔</span> <span>🔧</span> <span>X</span>

# Problema

---

Como limpar esse cache  
automaticamente?

```

/**
 * Get the path to a versioned asset file.
 *
 * @param string $asset
 * @return string
 */
function versioned($asset)
{
    static $production, $base, $deploy, $sha;

    $production = app()->environment('production');

    if (is_null($base)) {
        $base = $production ? 'https://static.bulldesk.com.br/' : '/';
    }

    if ($production === false) {
        return $base.$asset . '?v=' . str_random(3);
    }

    if (is_null($deploy)) {
        $deploy = public_path('build/deploy');
    }

    if (is_null($sha) && file_exists($deploy)) {
        $sha = file_get_contents($deploy);
    }

    if (! empty($sha)) {
        return $base.$asset . '?v=' . $sha;
    }

    return $base.$asset;
}

// Use:
<script src="{{ versioned('build/scripts/app.js') }}"></script>

// Generate:
<script src="https://static.bulldesk.com.br/build/scripts/app.js?v=fbe06e04c4f8ddd1c94c63f3a001807bace679e0"></script>

```

# Problema

---

Como centralizar os logs e exceptions?

# Frustration-free log management. Get started in seconds.

Instantly manage logs from 2 servers... or 2,000.

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## Edit Recipe (Install papertrail)

Name

Install papertrail

User

root

Script

```
1 echo -e "\n*.* @logs.papertrail.eu:██████████" >> /etc/rsyslog.conf  
2 service rsyslog restart
```

CANCEL

66  
SAVE

```
// LogServiceProvider.php

/**
 * The papertrail log format.
 *
 * @var string
 */
protected $papertrailFormat = '%channel%.%level_name%: %message% %extra%';

/**
 * Configure the application's logging facilities.
 *
 * @return void
 */
public function boot()
{
    if ($this->app->environment('production', 'staging')) {
        $syslog = new \Monolog\Handler\SyslogHandler('laravel');
        $formatter = new \Monolog\Formatter\LineFormatter($this->papertrailFormat);

        $syslog->setFormatter($formatter);

        $this->app['log']->getMonolog()->pushHandler($syslog);
    }
}
```

+ Nov 14 13:45:52 **bulldesk-jobs** **laravel:** production.INFO: Decision YES already applied to "rubianomflorenсia@gmail.com". Skipping decision N0 of action "Enviar e-mail" from automation "Contato > Novo Negócio > Contactado" □  
Nov 14 13:46:20 **bulldesk-app-1** **laravel:** production.INFO: Queue decision "yes", action "Criar/atualizar negócio" from automation "Ebook Guia do Comprador" to andreasosani@gmail.com □  
Nov 14 13:46:22 **bulldesk-jobs** **laravel:** production.INFO: This automation can only run from 08:30 to 17:30 on [1,2,3,4,5,6] weekdays. □  
Nov 14 13:46:22 **bulldesk-jobs** **laravel:** production.INFO: Allowing decision "mail.send-mail.delivered" of action "Criar/atualizar negócio" from automation "Ebook Guia do Comprador" lead "andreasosani@gmail.com" □  
Nov 14 13:46:23 **bulldesk-jobs** **laravel:** production.INFO: Action "Criar/atualizar negócio" from automation "Ebook Guia do Comprador" applied to "andreasosani@gmail.com" □  
Nov 14 13:46:37 **bulldesk-jobs** **laravel:** production.DEBUG: Apply automation "[Site] Atendimento personalizado e por e-mail" on lead "mateus.santana@bulldesk.com.br" □  
Nov 14 13:46:37 **bulldesk-jobs** **laravel:** production.DEBUG: Event lead.automation.applied Bulldesk\Lead\Model\Lead:421916 {"subject": "[Site] Atendimento personalizado e por e-mail", "ip": "127.0.0.1"} □  
Nov 14 13:46:37 **bulldesk-jobs** **laravel:** production.DEBUG: Event automation.applied Bulldesk\Automation\Model\Automation:525 {"subject": "Mateus de Santana", "lead\_id": 421916, "ip": "127.0.0.1"} □  
Nov 14 13:46:37 **bulldesk-jobs** **laravel:** production.INFO: Action "Criar/atualizar negócio" from automation "[Site] Atendimento personalizado e por e-mail" applied to "mateus.santana@bulldesk.com.br" □  
Nov 14 13:46:38 **bulldesk-jobs** **laravel:** production.DEBUG: Event lead.automation.completed Bulldesk\Lead\Model\Lead:421916 {"subject": "[Site] Atendimento personalizado e por e-mail", "ip": "127.0.0.1"} □  
Nov 14 13:46:38 **bulldesk-jobs** **laravel:** production.DEBUG: Event automation.completed Bulldesk\Automation\Model\Automation:525 {"subject": "Mateus de Santana", "lead\_id": 421916, "ip": "127.0.0.1"} □  
Nov 14 13:47:07 **bulldesk-jobs** **laravel:** production.DEBUG: Apply automation "[Contato Site] Departamento Vendas" on lead "mateus.santana@bulldesk.com.br" □  
Nov 14 13:47:07 **bulldesk-jobs** **laravel:** production.DEBUG: Event lead.automation.applied Bulldesk\Lead\Model\Lead:421916 {"subject": "[Contato Site] Departamento Vendas", "ip": "127.0.0.1"} □  
Nov 14 13:47:07 **bulldesk-jobs** **laravel:** production.DEBUG: Event automation.applied Bulldesk\Automation\Model\Automation:524 {"subject": "Mateus de Santana", "lead\_id": 421916, "ip": "127.0.0.1"} □  
Nov 14 13:47:07 **bulldesk-jobs** **laravel:** production.DEBUG: Lead mateus.santana@bulldesk.com.br already completed automation [Site] Atendimento personalizado e por e-mail □  
Nov 14 13:47:07 **bulldesk-jobs** **laravel:** production.INFO: Action "Criar/atualizar negócio" from automation "[Contato Site] Departamento Vendas" applied to "mateus.santana@bulldesk.com.br" □  
Nov 14 13:47:07 **bulldesk-jobs** **laravel:** production.INFO: Action "Adicionar tag" from automation "[Contato Site] Departamento Vendas" applied to "mateus.santana@bulldesk.com.br" □  
Nov 14 13:47:08 **bulldesk-jobs** **laravel:** production.DEBUG: Event lead.automation.completed Bulldesk\Lead\Model\Lead:421916 {"subject": "[Contato Site] Departamento Vendas", "ip": "127.0.0.1"} □  
Nov 14 13:47:08 **bulldesk-jobs** **laravel:** production.DEBUG: Event automation.completed Bulldesk\Automation\Model\Automation:524 {"subject": "Mateus de Santana", "lead\_id": 421916, "ip": "127.0.0.1"} □

# Mission Control for Software Quality

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**Bugsnag** APP 9:07 AM

New error in production from Bulldesk in /lead/yWKwLJ66oO [\(details\)](#)

### Error

HierarchyRequestError: Uncaught HierarchyRequestError: Failed to execute 'appendChild' on 'Node': The new child element contains the parent.

### Location

<https://app.bulldesk.com.br/tinymce/tinymce.min.js:4> - h.<anonymous>

[Mark as fixed](#)

[Snooze 1hr](#)

[Ignore](#)

S: OPEN x

Filter dashboard by...



1h 3h 1d 7d 30d all

Oct 8th, 17:25 – Nov 7th, 16:25

 ERROR ▾

EVENTS

USERS

LAST TWO WEEKS

STAGE

SEVI

## Errors

roduced Today (3)

n (13)

ogress (0)

signed to me (0)

signed to anyone (0)

ue created (0)

l (0)

ozed (0)

red (0)

7d

**Illuminate\Auth\Access\AuthorizationException** • POST /api/conversion

about 6 minutes ago – 3 days ago

546

1



P

**Aws\S3\Exception\S3MultipartUploadException** • app\Console\Backup\...

An exception occurred while uploading parts to a multipart upload. The following parts ...

1

-



P

**Illuminate\Queue\MaxAttemptsExceededException** • Bulldesk\Automatio...

A queued job has been attempted too many times. The job may have previously timed o...

26

-



P

**Pheanstalk\Exception\ServerException** • Bulldesk\Automation\Job\Action...

Server reported NOT\_FOUND



about 5 hours ago – 6 days ago

26

-



P

**Symfony\Component\Debug\Exception\FatalThrowableError** • app/Billin...

Call to undefined method Bulldesk\Billing\Command\luguCheckSubscriptionCycle::get...

1

-



P

**Symfony\Component\Debug\Exception\FatalThrowableError** • Bulldesk\...

Call to a member function setLeadsLocation() on null

1

-



P

**RangeError** • /mail/809

Uncaught RangeError: Maximum call stack size exceeded

1

1



P

**RangeError** • /lead/R4qXQ7rxKE

Uncaught RangeError: Maximum call stack size exceeded

1

1



P



[Bulldesk](#) · New error

## **Illuminate\Database\QueryException** · Bulldesk\Automation\Job\Send

SQLSTATE[40001]: Serialization failure: 1213 Deadlock found when trying to get lock; try restarting transaction (SQL:...)

P



Nov 7th 17:21:35 UTC

app/Automation/Model/Automation.php:298 · Bulldesk\Automation\Model\Automation::forceRestartLeadRelation

app/Automation/Model/Automation.php:268 · Bulldesk\Automation\Model\Automation::applyTo

app/Automation/Job/Automate.php:174 · Bulldesk\Automation\Job\Automate::apply

app/Automation/Job/Automate.php:138 · Bulldesk\Automation\Job\Automate::handle

app/Automation/Job/Send.php:130 · Bulldesk\Automation\Job\Send::Bulldesk\Automation\Job\{closure}

# Backups

```
$ composer require backup-manager/backup-manager
```

# OR

```
$ composer require backup-manager/laravel
```

# OR

```
$ composer require spatie/laravel-backup
```

```

(...)

/**
 * Execute the backup command.
 *
 * @return void
 */
public function handle()
{
    $database = $this->option('database') ?: 'mysql';
    $destination = $this->option('destination') ?: 's3';
    $destinationPath = 'dump_'. (new Carbon)->format('Y_m_d_H_i_s').'.sql';
    $compression = 'gzip';

    $this->info('Dumping database and uploading...');

    $destinations = [new Destination($destination, $destinationPath)];

    $this->backupProcedure->run($database, $destinations, $compression);

    $completePath = 'database/' . $destinationPath;

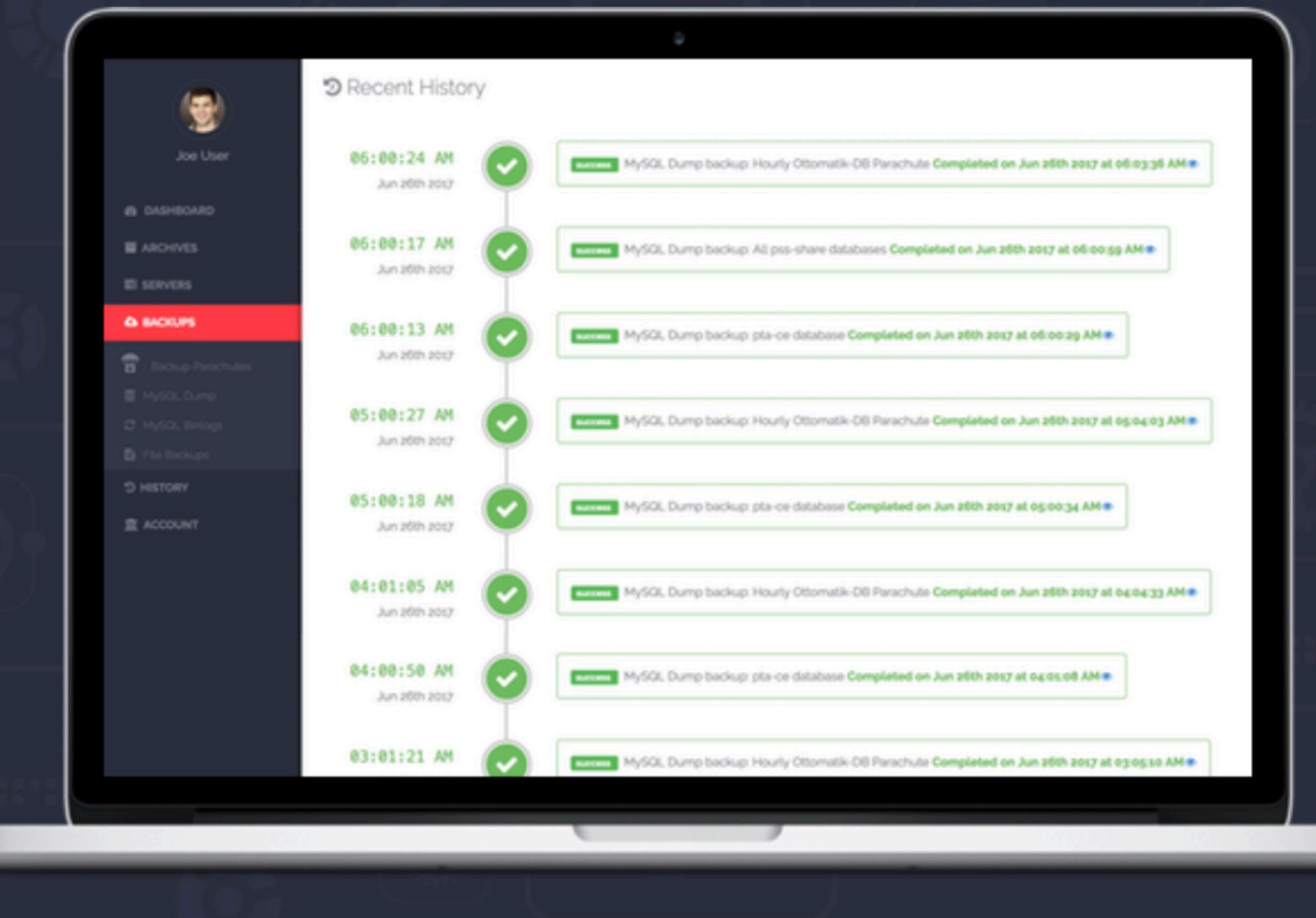
    $this->info(sprintf('Successfully dumped %s, compressed with %s and store it to %s at %s',
        $database,
        $compression,
        $destination,
        $completePath
    ));

    $last = new Carbon('last day of this month');

    // Delete file in 10 days if this not the last
    if ((new Carbon)->isSameAs('d/m/Y', $last)) {
        $this->info('Scheduled job to delete the backup file ' . $completePath . ' in 10 days.');

        dispatch((new DeleteFile($completePath . '.gz', 's3_backup'))->delay(24 * 60 * 60 * 10));
    }
}

```



# Painless MySQL and File backups

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# Lições aprendidas

---

1. Não otimize ou escale  
prematuramente, mas  
esteja preparado pra isso

---

## 2. Não crie abstrações desnecessárias

---

3. Use micro serviços  
sómente se puder dar  
manutenção à eles

---

4. Estude/aprenda sozinho e  
aproveite tudo o que a  
internet te dá de graça

---

## TEACH AND LEARN BETTER, TOGETHER

[Request a discount](#)

---

STUDENT DEVELOPER PACK

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### Get the Student Developer Pack

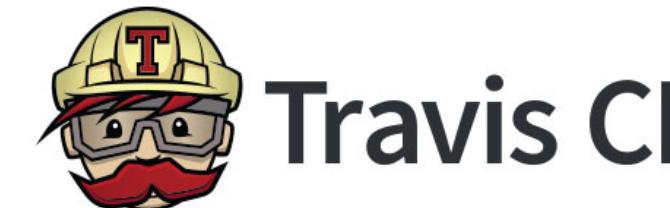
Dozens of free resources from great companies to help students learn.

[Get the pack](#)

# GitHub



# stripe



# PHP Sucks



# PHP Sucks?!

---

With great power comes great responsibility

---

● Ruby on Rails  
Software

● Laravel  
Topic

+ Add comparison

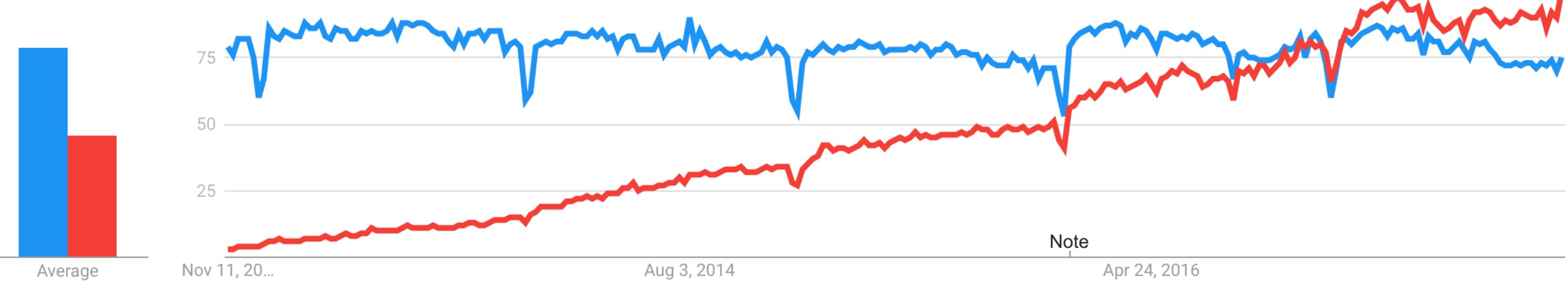
Worldwide ▾

Past 5 years ▾

All categories ▾

Web Search ▾

Interest over time [?](#)



# Obrigado!

## Perguntas?

[bulldesk.com.br](http://bulldesk.com.br)

[gabriel@bulldesk.com.br](mailto:gabriel@bulldesk.com.br)

[twitter.com/gabrielmkoerich](https://twitter.com/gabrielmkoerich)

# Referências

[guides.github.com/introduction/flow](https://guides.github.com/introduction/flow)

[github.com/gabrielkoerich/guidelines](https://github.com/gabrielkoerich/guidelines)

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[docs.spatie.be/laravel-backup](https://docs.spatie.be/laravel-backup)

[gabrielkoerich.com/talks/infra](https://gabrielkoerich.com/talks/infra)