Prologue

Release Notes

Upgrade Guide

Contribution Guide

API Documentation

Getting Started

Architecture Concepts

The Basics

Frontend

Security

Digging Deeper

Database

Eloquent ORM

Testing

Official Packages



Deploy Laravel and PHP applications on DigitalOcean, Linode, &

ADS VIA CARBON

Contribution Guide

- # Bug Reports
- # Core Development Discussion
- # Which Branch?
- # Compiled Assets
- # Security Vulnerabilities
- # Coding Style
 - # PHPDoc
 - # StyleCI

Bug Reports

To encourage active collaboration, Laravel strongly encourages pull requests, not just bug reports. "Bug reports" may also be sent in the form of a pull request containing a failing test.

However, if you file a bug report, your issue should contain a title and a clear description of the issue. You should also include as much relevant information as possible and a code sample that demonstrates the issue. The goal of a bug report is to make it easy for yourself - and others - to replicate the bug and develop a fix.

Remember, bug reports are created in the hope that others with the same problem will be able to collaborate with you on solving it. Do not expect that the bug report will automatically see any activity or that others will jump to fix it. Creating a bug report serves to help yourself and others start on the path of fixing the problem.

The Laravel source code is managed on GitHub, and there are repositories for each of the Laravel projects:

- Laravel Application
- Laravel Art
- Laravel Documentation
- Laravel Cashier
- Laravel Envoy
- Laravel Framework
- Laravel Homestead
- Laravel Homestead Build Scripts
- Laravel Horizon
- O Laravel Passport
- O Laravel Scout
- O Laravel Socialite
- Laravel Telescope
- Laravel Website

Core Development Discussion

You may propose new features or improvements of existing Laravel behavior in the Laravel Ideas <u>issue board</u>. If you propose a new feature, please be willing to implement at least some of the code that would be needed to complete the feature.

Informal discussion regarding bugs, new features, and implementation of existing features takes place in the #internals channel of the Laravel Discord server. Taylor Otwell, the maintainer of Laravel, is typically present in the channel on weekdays from 8am-5pm (UTC-06:00 or America/Chicago), and sporadically present in the channel at other times.

#Which Branch?

All bug fixes should be sent to the latest stable branch or to the <u>current LTS branch</u>. Bug fixes should **never** be sent to the <u>master</u> branch unless they fix features that exist only in the upcoming release.

Minor features that are **fully backwards compatible** with the current release may be sent to the latest stable branch.

Major new features should always be sent to the master branch, which contains the

upcoming release.

If you are unsure if your feature qualifies as a major or minor, please ask Taylor Otwell in the #internals channel of the <u>Laravel Discord server</u>.

Compiled Assets

If you are submitting a change that will affect a compiled file, such as most of the files in resources/sass or resources/js of the laravel/laravel repository, do not commit the compiled files. Due to their large size, they cannot realistically be reviewed by a maintainer. This could be exploited as a way to inject malicious code into Laravel. In order to defensively prevent this, all compiled files will be generated and committed by Laravel maintainers.

Security Vulnerabilities

If you discover a security vulnerability within Laravel, please send an email to Taylor Otwell at taylor@laravel.com. All security vulnerabilities will be promptly addressed.

#Coding Style

Laravel follows the <u>PSR-2</u> coding standard and the <u>PSR-4</u> autoloading standard.

PHPDoc

Below is an example of a valid Laravel documentation block. Note that the <code>@param</code> 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 $shared
  * @return void
  *
  * @throws \Exception
  */
public function bind($abstract, $concrete = null, $shared = false)
{
    //
}
```

StyleCI

Don't worry if your code styling isn't perfect! StyleC! will automatically merge any style fixes into the Laravel repository after pull requests are merged. This allows us to focus on the content of the contribution and not the code style.

Become a Laravel Partner

Laravel Partners are elite shops providing top-notch Laravel development and consulting. Each of our partners can help you craft a beautiful, wellarchitected project.

Our Partners

Larave

Highlights	Resources	Partners	Ecosystem
Release Notes	Laracasts	Vehikl	Vapor
Getting Started	Laravel News	Tighten Co.	Forge
Routing	Laracon	Kirschbaum	Envoyer
Blade Templates	Laracon EU	Byte 5	Horizon
Authentication	Laracon AU	64Robots	Lumen
Authorization	Jobs	Cubet	Nova
Artisan Console	Certification	DevSquad	Echo
Database	Forums	Ideil	Valet
Eloquent ORM		Cyber-Duck	Mix
Testing		ABOUT YOU	Spark
		Become A Partner	Cashier
			Homestead
			Dusk
			Passport
			Scout
			Socialite

Laravel is a web application framework with expressive, elegant syntax. We believe development must be an enjoyable and creative experience to be truly fulfilling. Laravel attempts to take the pain out of development by easing common tasks used in most web projects.







