



About me

Freek Van der Herten

Partner & developer at Spatie

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freek.dev

flareapp.io

ohdear.app

Open source stats

± 250 packages on Packagist

± 50,000,000 total downloads

± 3 000,000 downloads a month

spatie.be/open-source/packages

An aerial photograph of a river with white water rapids. The water is turbulent and white with foam, contrasting with the darker blue-green water. The rapids are centered in the upper half of the frame, with the river flowing towards the bottom.

Highlights from the Flare codebase

An aerial photograph of a river with white water rapids. The water is turbulent and white with foam, contrasting with the darker blue-green water. The rapids flow from the top right towards the bottom left of the frame.

**A way to structure
a large Laravel app**



Take a look at the Flare codebase

Not a sales talk

Techniques you can use in your own projects

Opinionated



Short walkthrough of the UI

Domains

Inertia / React / TypeScript

A white boat with a red stripe is sailing on a blue sea under a cloudy sky. The boat is positioned in the upper center of the frame, moving towards the right. The water is a deep blue, and the sky is a lighter blue with scattered white clouds. The overall scene is bright and clear.

**Let's take a look
at Flare**

A white boat with a red stripe is sailing on a blue sea under a blue sky with white clouds. The boat is positioned in the upper center of the frame, moving towards the right. The sea is a deep blue, and the sky is a lighter blue with scattered white clouds. The overall scene is bright and clear.

Using domains

A large, multi-decked ship is sailing on the ocean. The ship is white with a dark hull and has a prominent mast with various antennas and equipment. The ocean is a deep blue with white-capped waves. The sky is filled with soft, white clouds. The overall scene is a wide-angle shot of the ship on the open sea.

Using domains

Term taken from DDD

A sphere of knowledge

Grouping code

Larger projects

Refactor to domains

```
app/  
├── Models/  
│   ├── User.php  
│   ├── Team.php  
│   └── Project.php  
├── Mails/  
│   ├── Welcome.php  
│   ├── InvitedToTeam.php  
│   └── ApiKeyRegenerated.php  
└── Events/  
    ├── UserDeleted.php  
    └── Project.php
```


Refactor to domains

```
app/  
└─ Domain/  
    └─ Team  
    └─ Project
```


A white boat with a red stripe is sailing on a blue sea under a blue sky with white clouds. The boat is positioned in the upper center of the frame, moving towards the right. The sea is a deep blue, and the sky is a lighter blue with scattered white clouds. The overall scene is bright and clear.

Show me the code

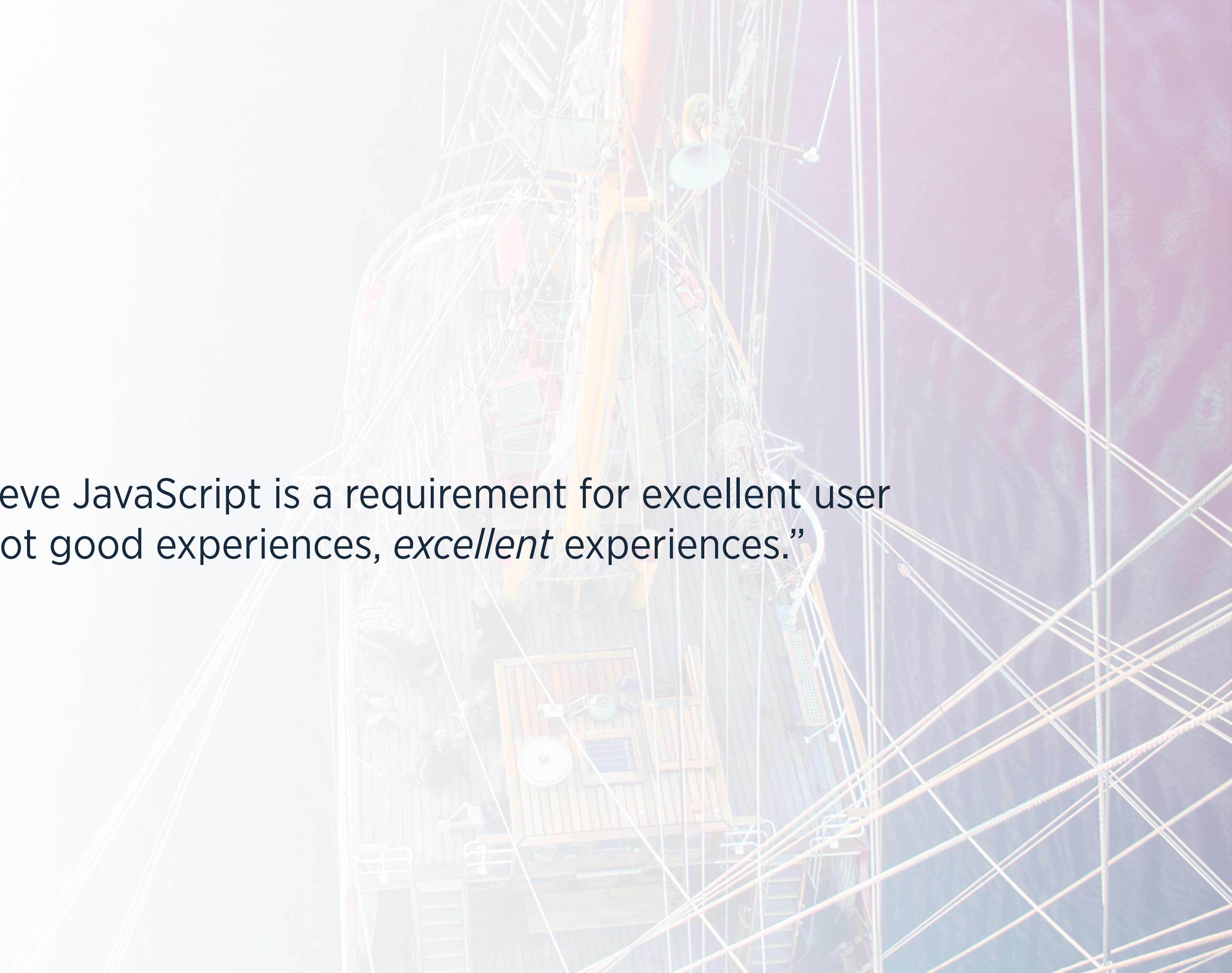
An aerial, top-down view of the deck of a large sailing vessel. The central feature is a tall, yellow mast with a complex network of white rigging lines extending across the deck. The deck is made of light-colored wood and is cluttered with various pieces of equipment, including a large white circular hatch cover, a yellow lifebuoy, and several orange and red containers. The ship is on a body of blue water, with a thick white rope visible in the upper left corner. The overall scene is brightly lit, suggesting a sunny day.

Front end

Front end

“I strongly believe JavaScript is a requirement for excellent user experiences. Not good experiences, *excellent* experiences.”

—Seb



Front end: JavaScript

Inertia

Built by Jonathan Reinink

Replace Blade by React (or Vue or whatever)

Makes server client communication seamless

No full pages refreshes




```
public function index(Team $team)
{
    return view('team.settings', collect('team'));
}
```



```
public function index(Team $team)
{
    return inertia()->render('team.settings', collect('team'));
}
```


An aerial, top-down view of a ship's deck, showing the complex network of rigging, ropes, and equipment. The right side of the image is overlaid with a semi-transparent red color. The text "Show me!" is centered in the middle of the image.

Show me!

The background features a gradient from a deep purple and blue at the top to a bright, hazy yellow at the bottom, suggesting a sunset or sunrise over the ocean. Scattered across this background are numerous small, stylized illustrations of various boats, including sailboats with white sails and motorboats, all rendered in a light, semi-transparent style.

In closing

Using domains

stitcher.io/blog/laravel-beyond-crud-01-domain-oriented-laravel

freek.dev/1371-refactoring-to-actions

freek.dev/1433-supercharging-common-controllers

Front end

inertiajs.com

typescriptlang.org

freek.dev/1391-how-to-handle-front-end-authorization-using-laravel-inertia-and-typescript

Thank you!

speakerdeck.com/freekmurze/highlights-flare-codebase

spatie.be/open-source

freek.dev

flareapp.io

ohdear.app