

retreat

give your web apps some SPA time

TLDR;

sponsor my open-source work, as I am developing
a modern React framework designed for single-page apps

Hi, I'm Alexey

I'm a web engineer since 2012,
with a passion for open-source development

Hi, I'm Alexey

In my journey, I co-founded a startup that was acquired, giving me the time to pursue my open-source ideas full-time

Pinned

wouter Public

A minimalist-friendly ~2.1KB routing for React and Preact

TypeScript ⭐ 6.1k 🏷 142

domik.ltd Public

"Domik Ltd.", an illustrated story with puzzles and riddles

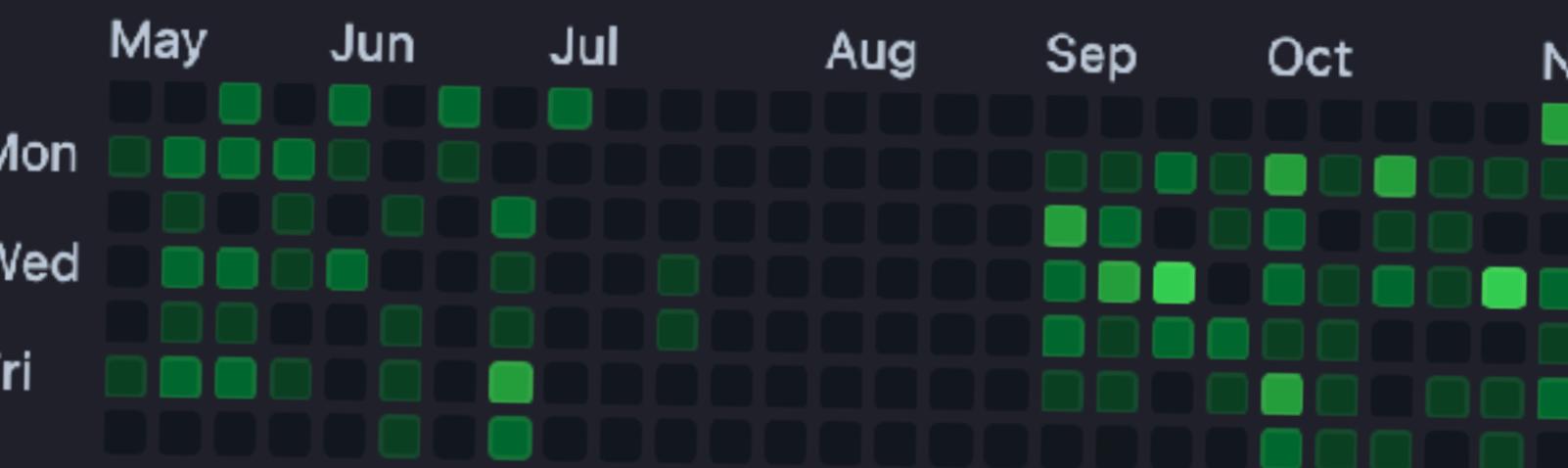
TypeScript ⭐ 31 🏷 1

stateful-animations Public

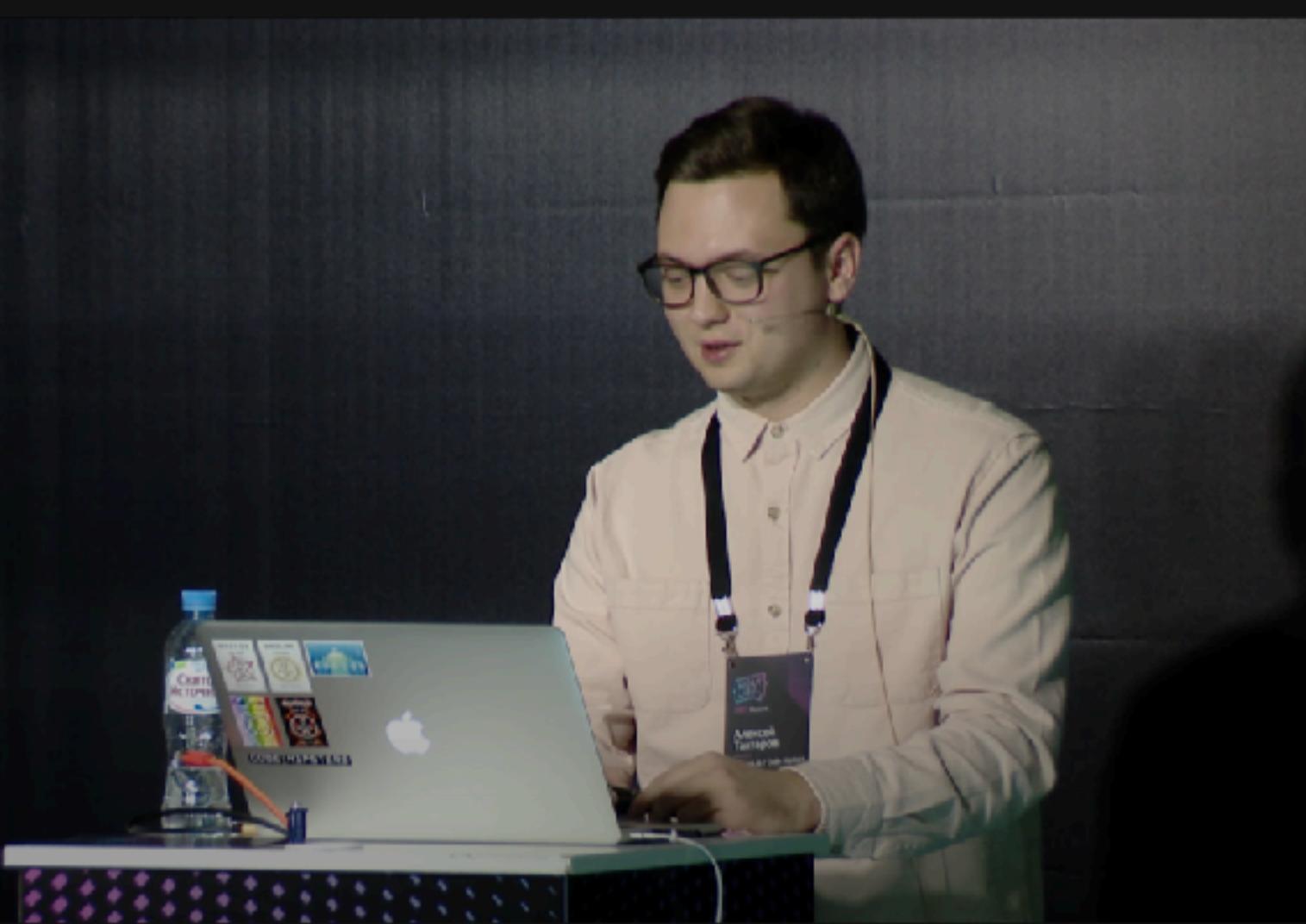
HolyJS Talk: Animations in the Stateful World (How to Animate Things in React)

JavaScript ⭐ 57 🏷 5

718 contributions in the last year



Learn how we count contributions



I'm also a speaker and advocate for simple,
effective tools for web devs

my primary open-source project is wouter[↗]

a micro-routing library for React that serves as
a streamlined replacement for React Router

offering a similar API, it focuses on
essential features, removing any excess

Over the last 2 years, wouter has gained popularity

6,130 stars on GitHub

500k monthly downloads

2020

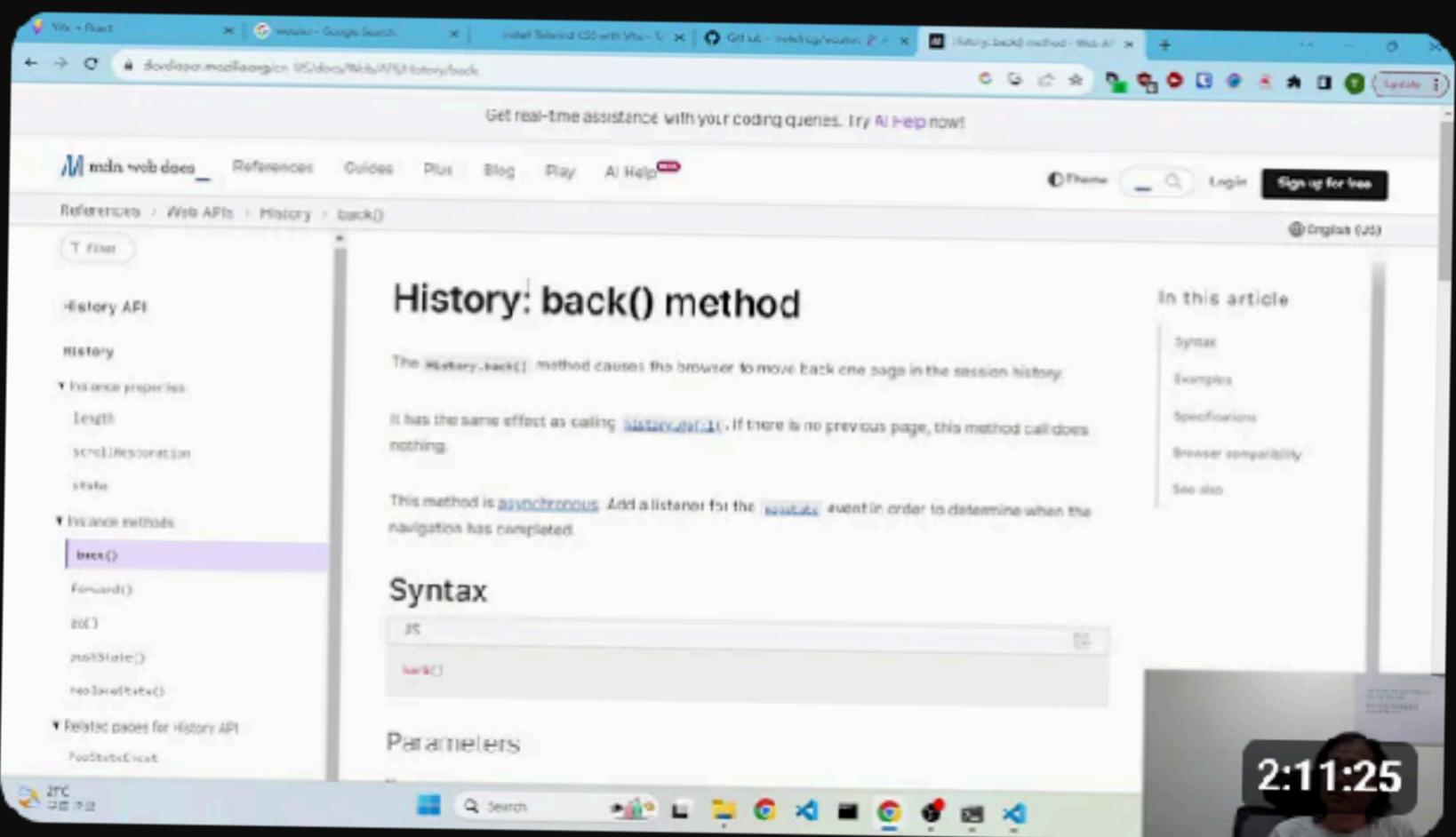
2021

2022

2023

2024

wouter's popularity is increasing, as evidenced by its presence in blog posts, YouTube videos, and front-end tutorials



Routing in React.js - Easy Page Routes Wouter

3.1K views • 10 months ago

Colby Fayock

Drop-in, no-framework routing in a React.js app with Wouter through setting up page routes in a React.js app including

CC

OTH: React Router Dom vs. Wouter

78 views • Streamed 7 months ago

CodeSeoul

What is a Wouter? And does it really work well with React Router Dom. Maybe ...

RIP React Router?

88K views • 1 year ago

Theo - t3.gg

So hyped for you Tanner. Tanstack Router is a HUGE release to change how we think about our routes forever.

Wouter vs React Router

Users appreciate wouter for its simplicity
and lightweight nature at just 2.1 KB

Many prefer it to React Router, which has
become overly complex, especially after its
integration with the Remix framework.

Testimonials

GalvinGao commented 2 days ago • edited

...

The [View Transitions API](#) is currently experimental but has received some adoptions already. As soon as I discovered `wouter` I immediately fall in love with its simplicity design. No offenses, but complications around `react-router-dom` has drove me crazy and I just don't need all the `loader` abilities in my simple SPA. (sorry for going too far on this...)

kevin51jiang commented on Feb 22

First of all, thanks for the work on wouter! Love the simplicity.

Nicolab commented on Nov 10, 2023

Hello,

First, thanks it's a nice router.

Wouter

React Router

Bundle Size

2.1KB

19.4KB

Features

memory, hash, SSR, nested
routes, nav links, TypeScript,
search strings, hooks

all of the above + actions,
loaders, Suspense*,
Scroll Restoration*

Framework

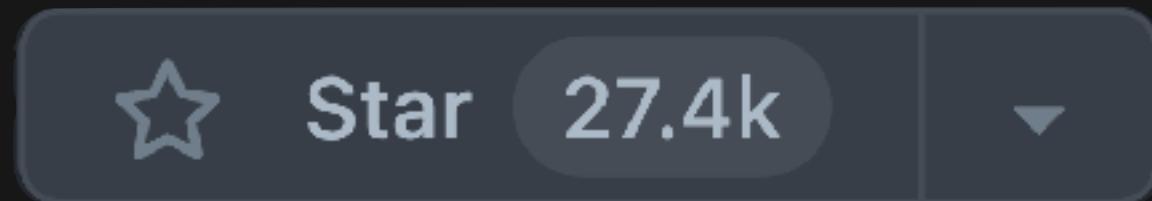
Retreat

Remix

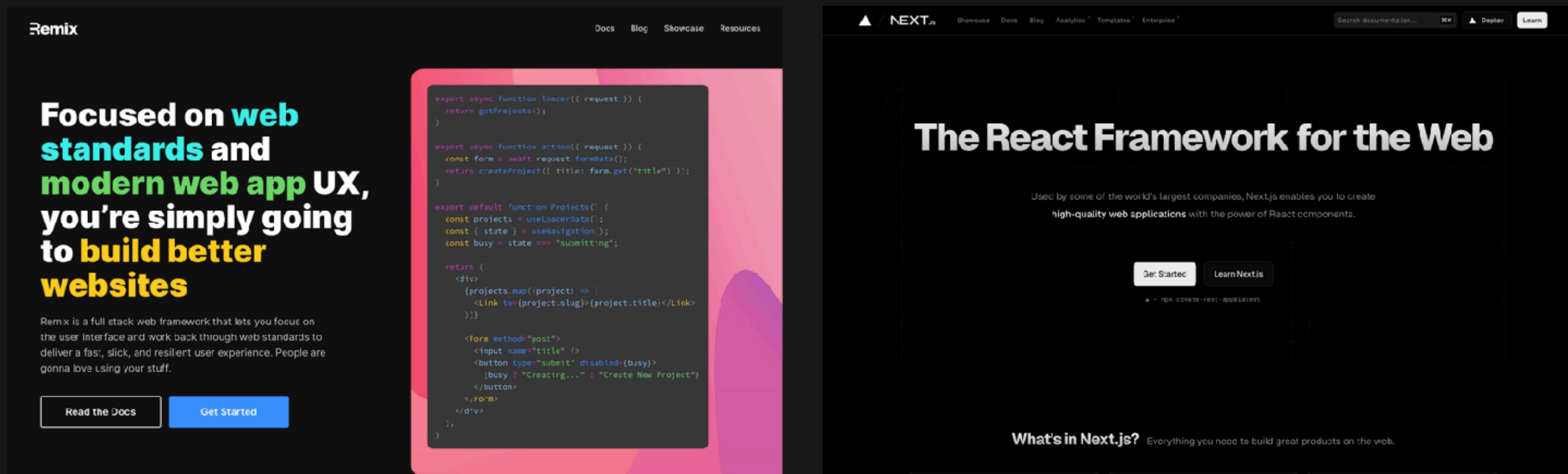
* currently in wouter's roadmap

However...

React Router has one significant advantage —
it powers **Remix**, a full-stack React framework
designed for building fast websites



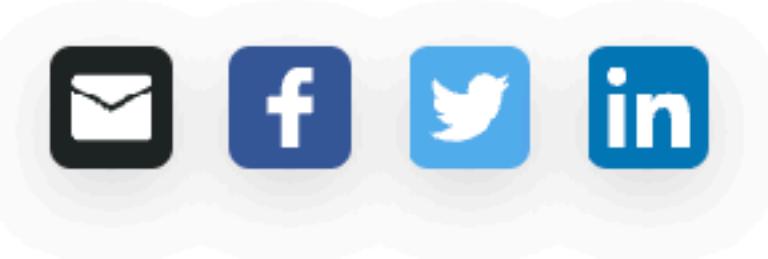
Remix and Next.js dominate the full-stack web framework market, offering SSR, Server Components, static site generation, image optimization, code splitting and more



Mixing It Up: Remix Joins Shopify to Push the Web Forward

by Dion Almaer • Development

Oct 31, 2022 • 6 minute read



We are very excited to announce that the open-source web framework [Remix and its team are joining Shopify](#). Why? The web is always evolving—and we're entering a new era. First,

The fact that [Remix was even acquired by Shopify](#) in 2022 proves that React frameworks is a rapidly growing area of web development

Market Position

Next.js and Remix are among the most popular web frameworks, holding a significant share of the Web Frameworks market



(source)

SPA Market Potential

However, not every app needs features such as server-side rendering or server components

The use-cases include

Internal Dashboards

Web3 Apps

Desktop Apps Electron, Tauri etc.

Real-time Collaboration e.g. Figma, Pitch

Content Management Systems

For example, one of the notable apps that use wouter is Tailscale — a zero-config VPN

The screenshot shows a web browser window with the URL `tailscales.com` in the address bar. The page title is "tailandscales.com". Below the title, there are links for "Download", "Support", "Docs", and a user icon. The main navigation menu includes "Machines", "Services", "Users", "Access Controls", "Logs", "DNS", and "Settings". The "Machines" tab is selected. A search bar at the top of the list says "Search by name, owner, tag, version...". To the right of the search bar, it says "210 machines". The main content area displays a table of machine details:

MACHINES	IP	OS	LAST SEEN	
us-west-2	100.105.6.121	Linux 1.12.3	● Connected	...
watson	100.76.53.38	macOS 1.12.3	● Sep 10	...
amelies-air	100.105.6.115	macOS 1.12.3	● Connected	...
corp-phone	100.121.29.28	iOS 1.12.3	● Sep 11	...

introducing

retreat

I aim to build a lightweight alternative to Remix/Next.js — a React framework designed specifically for single-page apps

Planned Features

File-Based Routing

Configurable naming conventions like Remix or Next, with support for dynamic segments and wildcards

Single Vite plugin

Providing full control over the build process and an escape hatch for potential migration

Full-SPA Mode

A single .html entry point, client-side data fetching with your preferred library (swr, react-query etc.)

Loaders & Pre-rendering

Pre-rendered pages with server-side data fetching at build time. Loader runtime compatible w/ Node, Deno, Bun, CF

Latest React Features

React 19 features, including Suspense, actions, and head tags, meta-data

TypeScript

Type inference from the data fetched by the loader

Remix

Next.js

Retreat

Minimal App
“Hello World!”

252 kB

596 kB

150 kB*

Bundler

Vite

Webpack / Turbopack

Vite (plugin)

File-system
Routing

app/shop/[tag]/
page.js

app/routes/shop.\$tag.js

Both (configurable)

* estimated based on a simple “Hello
World” app built with Wouter and Vite

Roadmap

✓ PoC Vite plugin for file-based routing powered by wouter

→ SOON Prototype of a ecommerce app that uses wouter, data fetching w/
Suspense, resource preloading and view transitions

→ SOON Wouter 3.2 release: better support for Suspense and View Transitions

→ SOON Vite plugin release: file router, code splitting, client-side navigation

→ SOON Loaders: server-side endpoints for data fetching

I'm seeking for sponsorship

Now is the ideal time to release such
framework, and I'm seeking your
sponsorship to bring this to fruition

Why becoming a sponsor?

1

You can make a significant
contribution to both the open-source
community and the public good



Why becoming a sponsor?

Invest in your company's brand and expand your recruitment efforts by being featured in the **list of sponsors** and the **conference talks** I will be delivering on this project



21



Why becoming a sponsor?

3

Regular private consultations with your development team to outline the migration path, or helping to overcome existing challenges with Remix/Next

let's talk

I'm eager to hear your feedback, discuss your current web framework and challenges

<https://calendly.com/molefrog/let-s-talk-spas>

(absolutely no commitment)

<https://github.com/molefrog>