Crafting a full-stack framework DX worth 15,000 GitHub stars

@WaspLang

Crafting a full-stack framework DX worth ~~15,000~~ GitHub stars

13,949

@WaspLang

Mihovil Ilakovac

Full stack developer who likes building stuff

I like contributing to open source (Directus, Caprover)

Freelanced, worked at enterprises and startups

Wasp =}

ilakovac.com @infomiho

JavaScript Developers

I Was Wrong About Laravel?

7.4K views • 5 months ago

I Was Wrong Ab

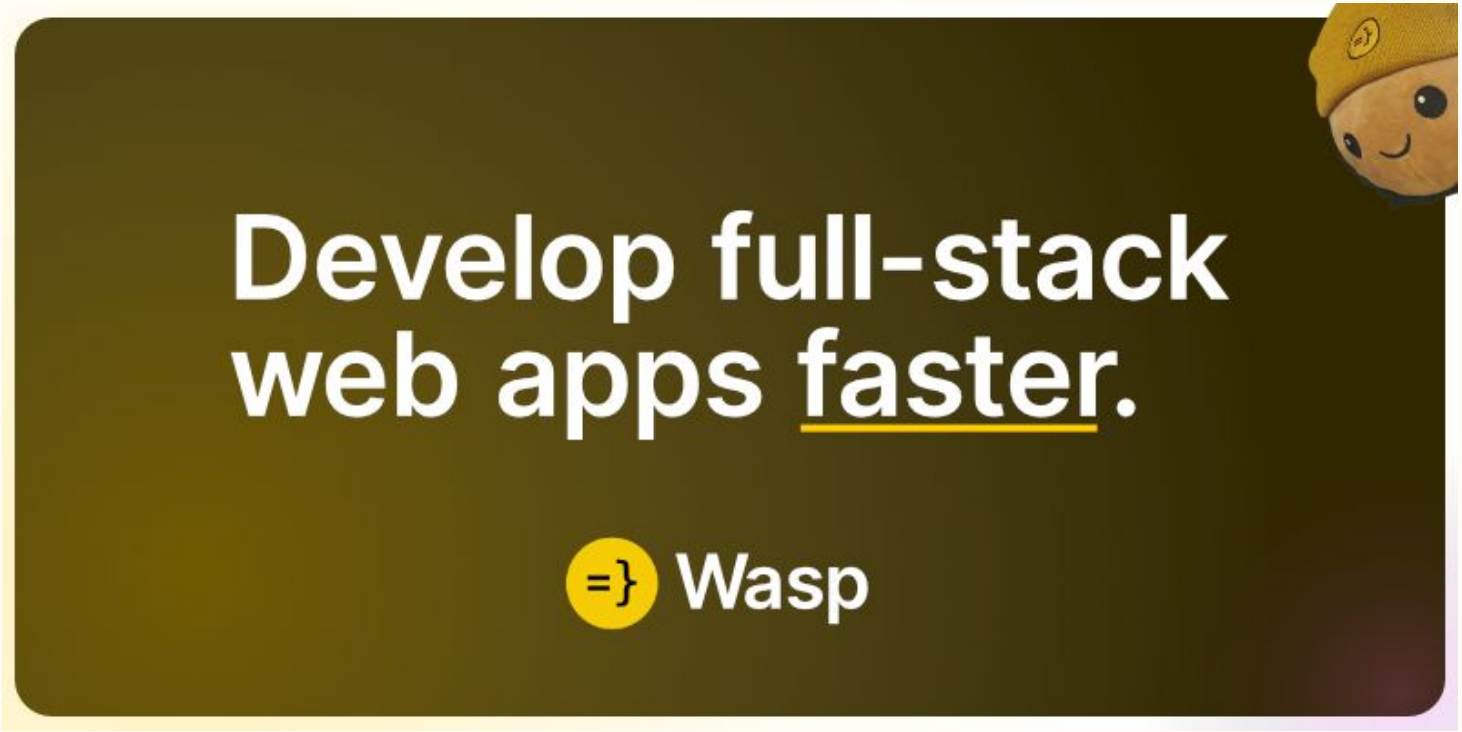
7.4K views • 5 mo

@knsense 5 months ago (edited)

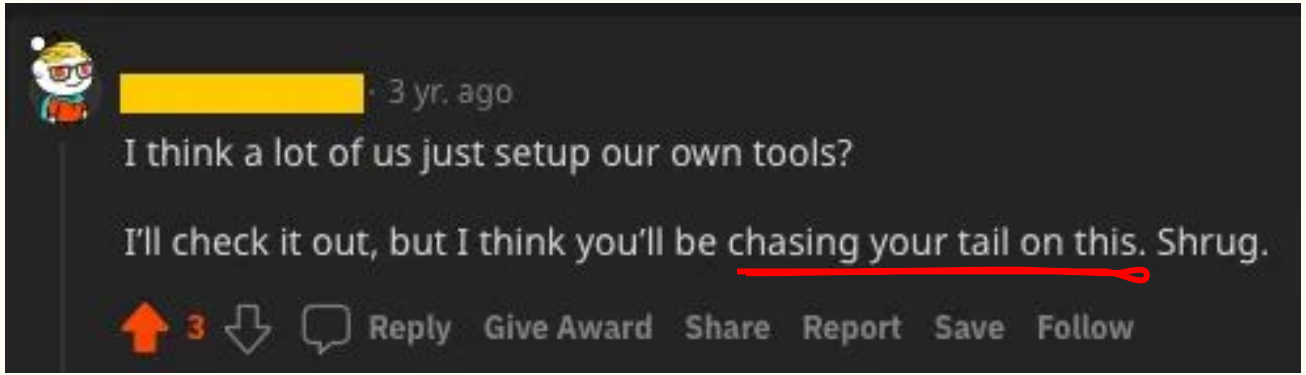
After writing software for 7 years, there is nothing more that I, or my colleagues want, than a standard, opinionated, batteries-included framework to succeed in the JS ecosystem.

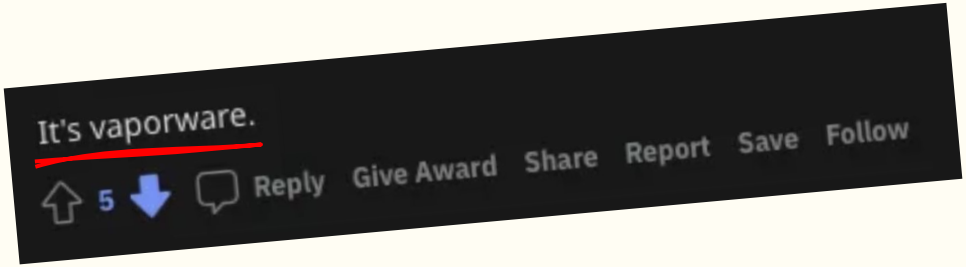
Show less

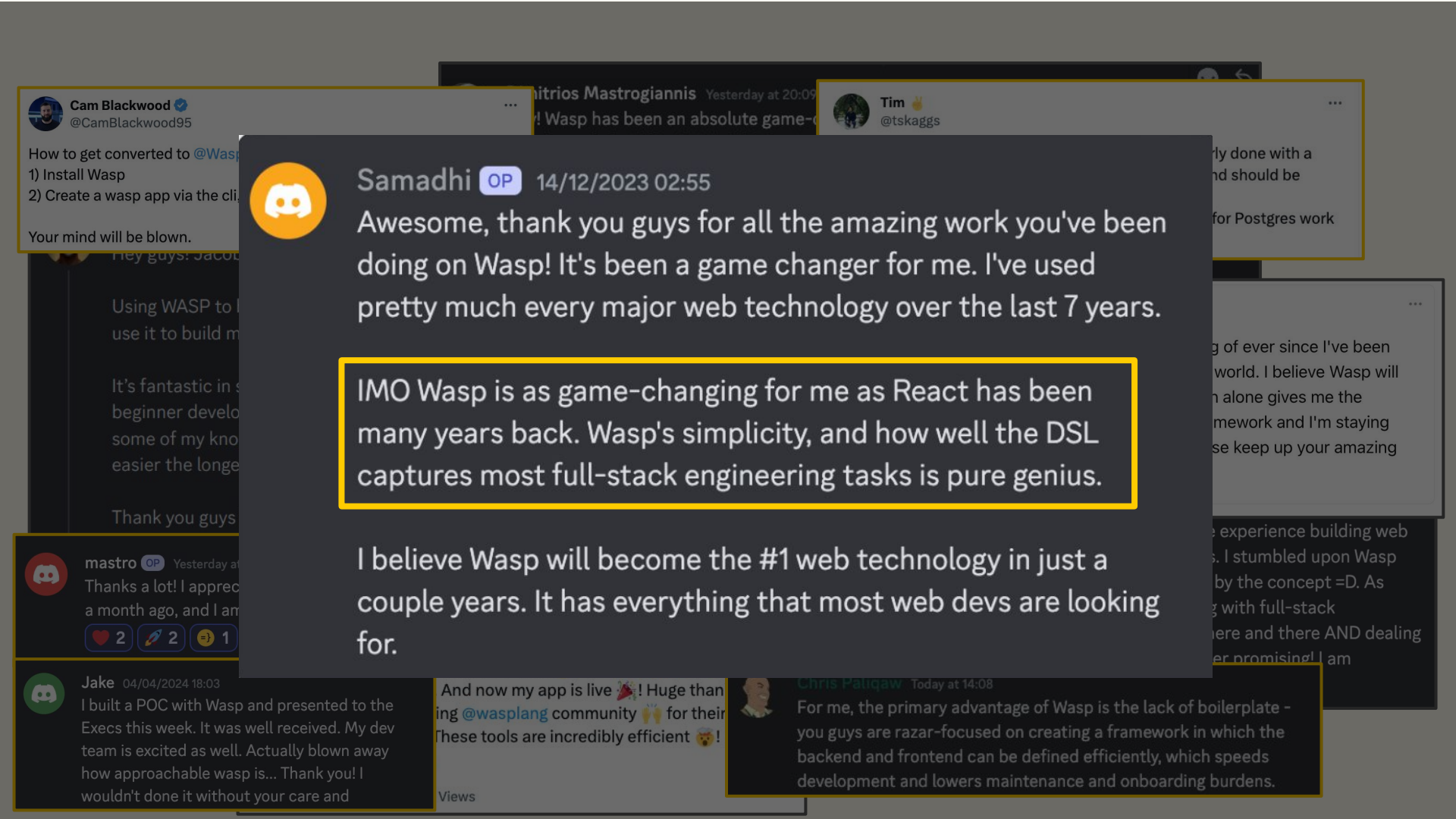
54 Reply

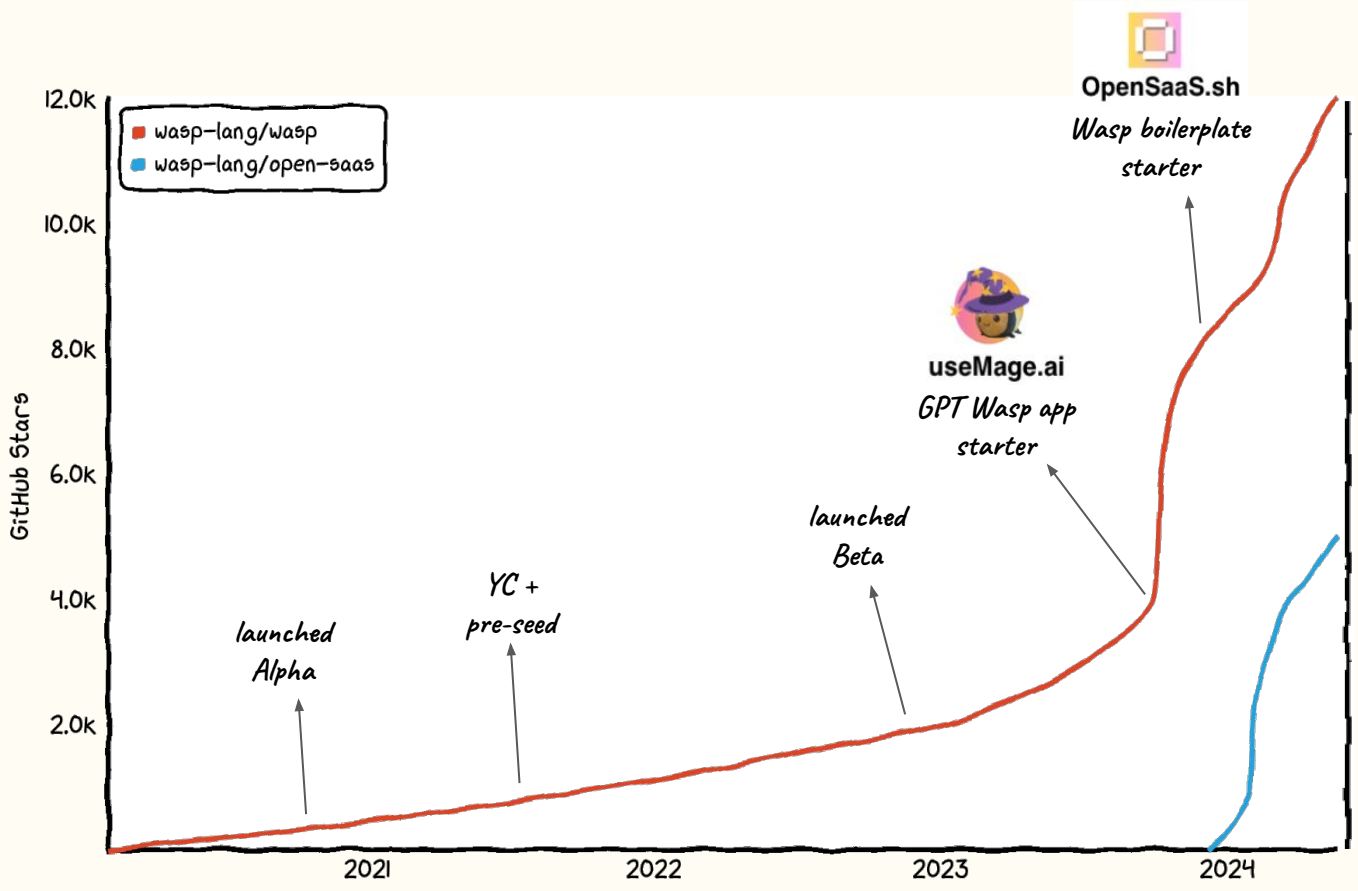

Develop full-stack
web apps faster.
=} Wasp

And?

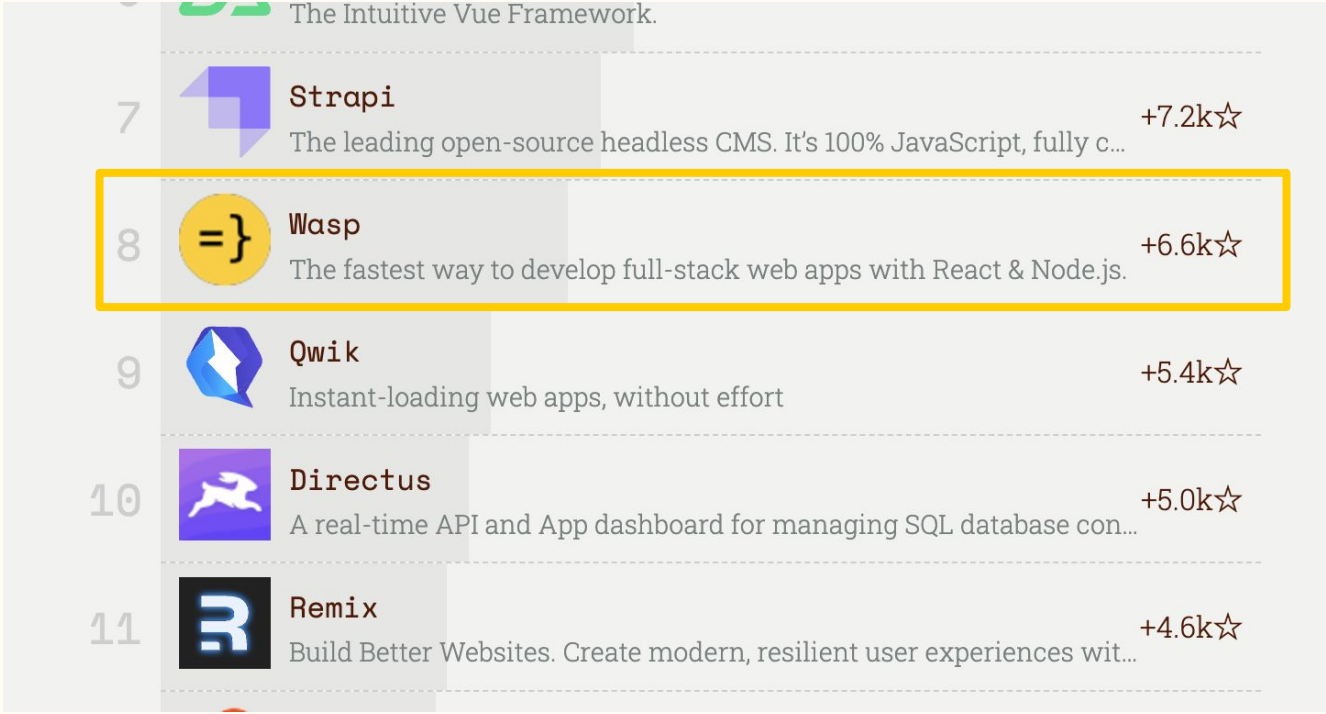

· 3 yr. ago
I think a lot of us just setup our own tools?
I'll check it out, but I think you'll be chasing your tail on this. Shrug.
3
Reply
Give Award
Share
Report
Save
Follow


It's vaporware.
5
Reply
Give Award
Share
Report
Save
Follow

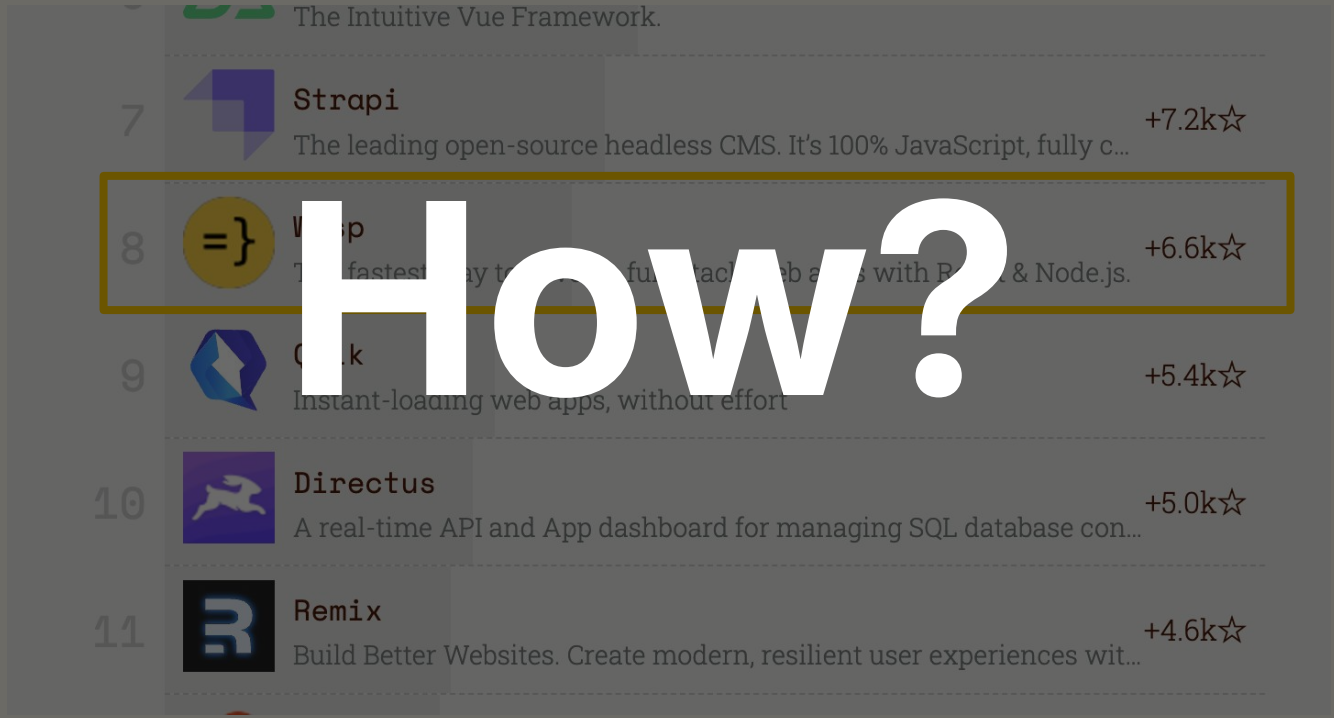

Samadhi OP 14/12/2023 02:55
Awesome, thank you guys for all the amazing work you've been doing on Wasp! It's been a game changer for me. I've used pretty much every major web technology over the last 7 years.
IMO Wasp is as game-changing for me as React has been many years back. Wasp's simplicity, and how well the DSL captures most full-stack engineering tasks is pure genius.
I believe Wasp will become the #1 web technology in just a couple years. It has everything that most web devs are looking for.
Cam Blackwood @CamBlackwood95
How to get converted to @Wasp
1) Install Wasp
2) Create a wasp app via the cli
Your mind will be blown.
Tim @tskaggs
for Postgres work
mastro OP Yesterday at
Thanks a lot! I apprec
a month ago, and I am
Jake 04/04/2024 18:03
I built a POC with Wasp and presented to the Execs this week. It was well received. My dev team is excited as well. Actually blown away how approachable wasp is... Thank you! I wouldn't done it without your care and
And now my app is live
ing @wasplang community
These tools are incredibly efficient
Views
Chris Paliqaw Today at 14:08
For me, the primary advantage of Wasp is the lack of boilerplate - you guys are razar-focused on creating a framework in which the backend and frontend can be defined efficiently, which speeds development and lowers maintenance and onboarding burdens.


wasp-lang/wasp
wasp-lang/open-saas
GitHub Stars
12.0k
10.0k
8.0k
6.0k
4.0k
2.0k
2021
2022
2023
2024
launched Alpha
YC + pre-seed
launched Beta
useMage.ai
GPT Wasp app starter
OpenSaaS.sh
Wasp boilerplate starter

2023 JS rising stars



2023 JS rising stars



How?

Demo

The method

"My Weird Niche Framework
That's Currently Making
Me $17,947 PER DAY..."
And How To ETHICALLY Knock
It Off In Less Than 10 Minutes!

Step 1

PRO LEVEL DEV builds it by hand

Me I just want it to work

PRO LEVEL DEV builds it by hand

?

Me I just want it to work

Doing the auth from scratch

Your app’s business logic

Doing the auth from scratch

Your app's business logic

Setup my client

Doing the auth from scratch

Your app's business logic

Setup my client

Setup my server

Doing the auth from scratch

Your app's business logic

Setup my client

Setup my server

Setup my DB

Doing the auth from scratch

Your app's business logic

Setup my client

Setup my server

Setup my DB

Make sure server connects well with the client

Doing the auth from scratch

Your app's business logic

Setup my client

Setup my server

Setup my DB

Make sure server connects well with the client

Write all the auth logic / make all the decisions

Doing the auth from scratch

Your app's business logic

Setup my client

Setup my server

Setup my DB

Make sure server connects well with the client

Write all the auth logic / make all the decisions

Make sure the auth is secure

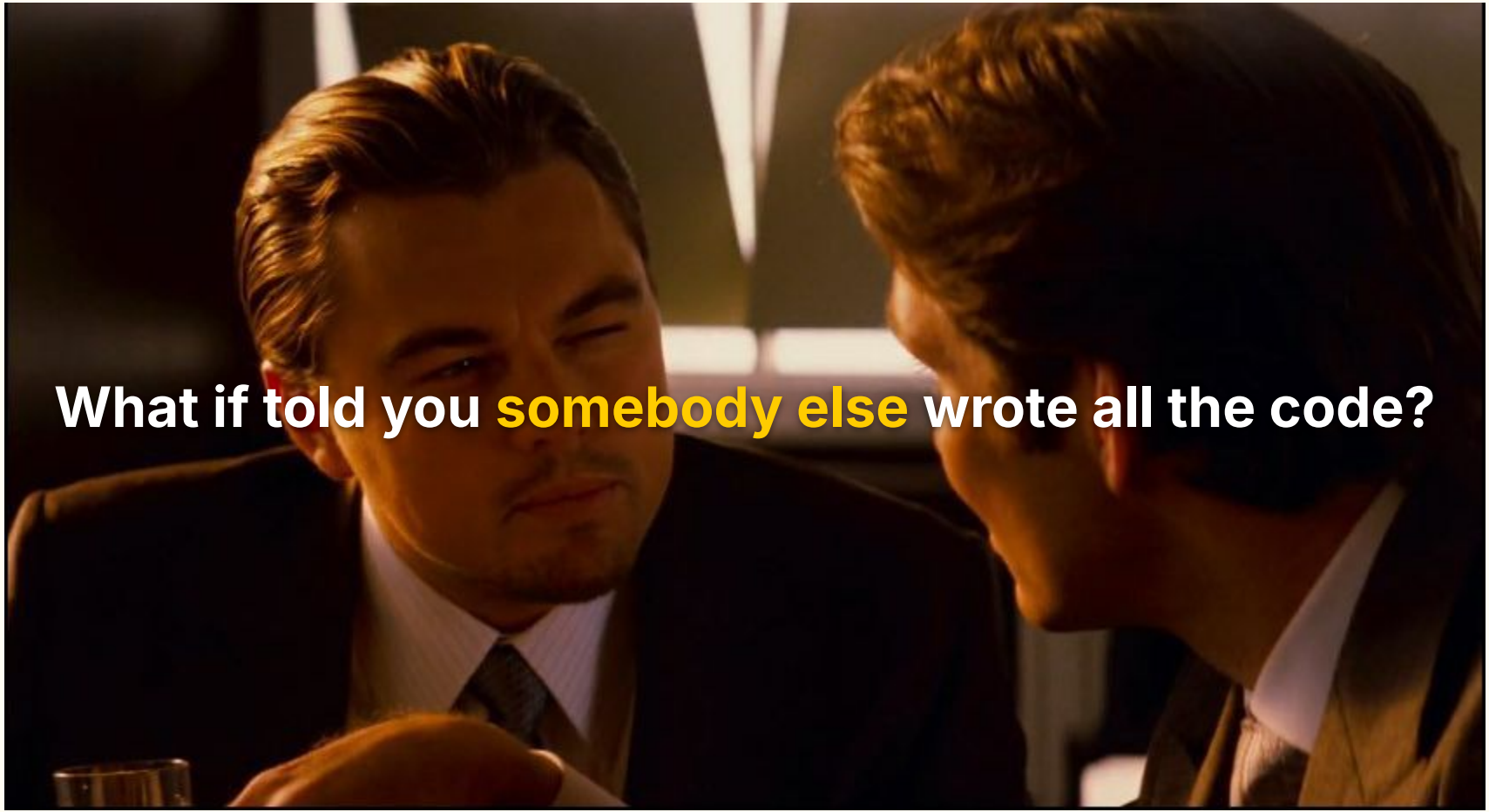
```
router.post(
  "/signup/email",
  validateRequest({
    body: z.object({ ... }),
  }),
  async (req, res) => {
    const { email, password } = req.body;

    if (isEmailVerificationRequired) {
      try {
        const authProvider = await findAuthProvider(
          "email",
          email.toLowerCase()
        );

        if (!authProvider) {
          throw new Error("User not found");
        }

    ...
```

What if told you somebody else wrote all the code?


What if told you somebody else wrote all the code?

Somebody gave us a nice auth library

Your app's business logic

Setup my client

Setup my server

Setup my DB

Make sure server connects well with the client

Write all the auth logic / make all the decisions

Make sure the auth is secure

Somebody gave us a nice auth library

Your app's business logic

Setup my client

Setup my server

Setup my DB

Make sure server connects well with the client

Write all the auth logic / make all the decisions

Make sure the auth is secure

The auth lib

Somebody gave us a nice auth library

Your app's business logic

Setup my client

Setup my server

Setup my DB

Make sure server connec with the client

The app code

Write all the auth logic / make all the decisions

Make sure the auth is secure

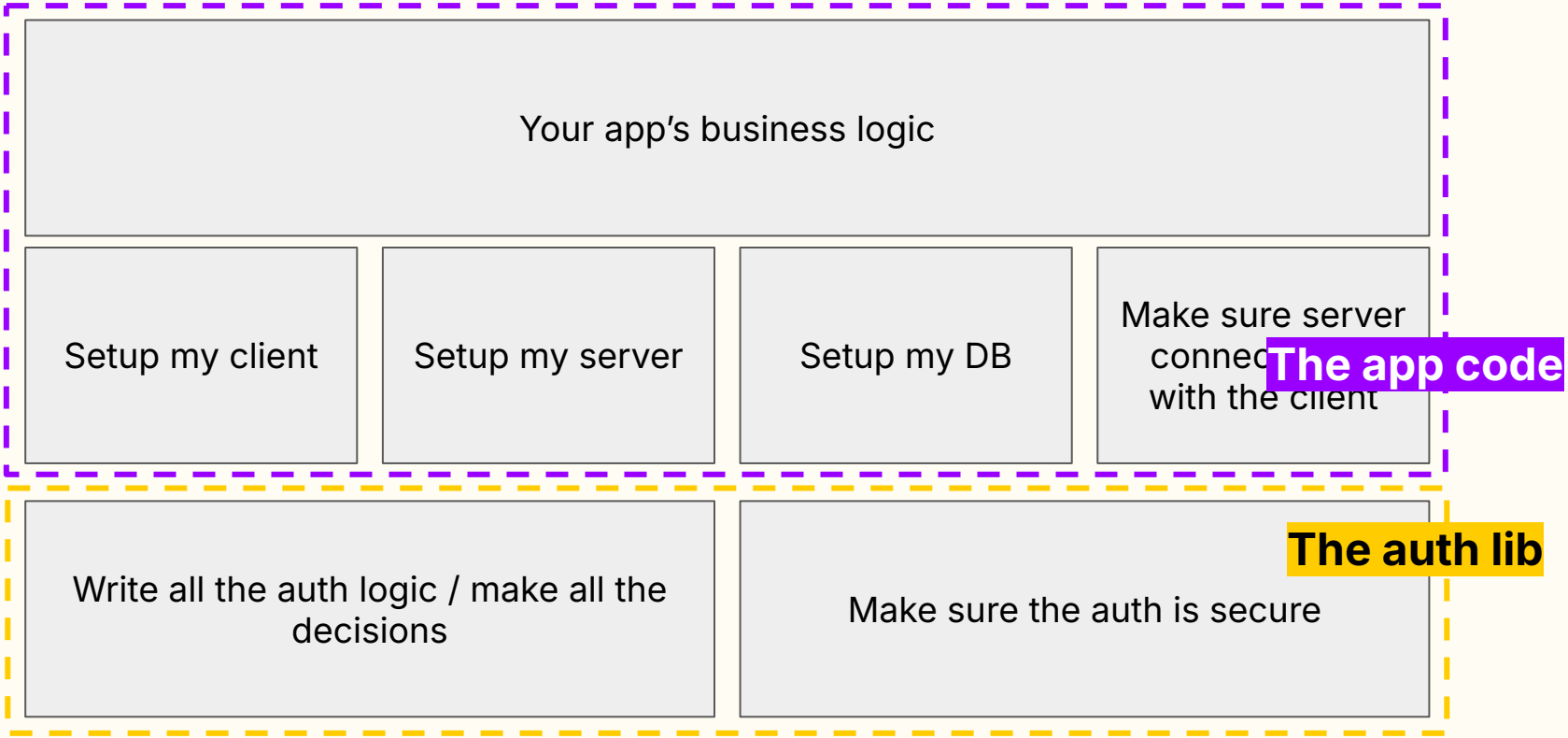
The auth lib

What would be the ideal low effort API?

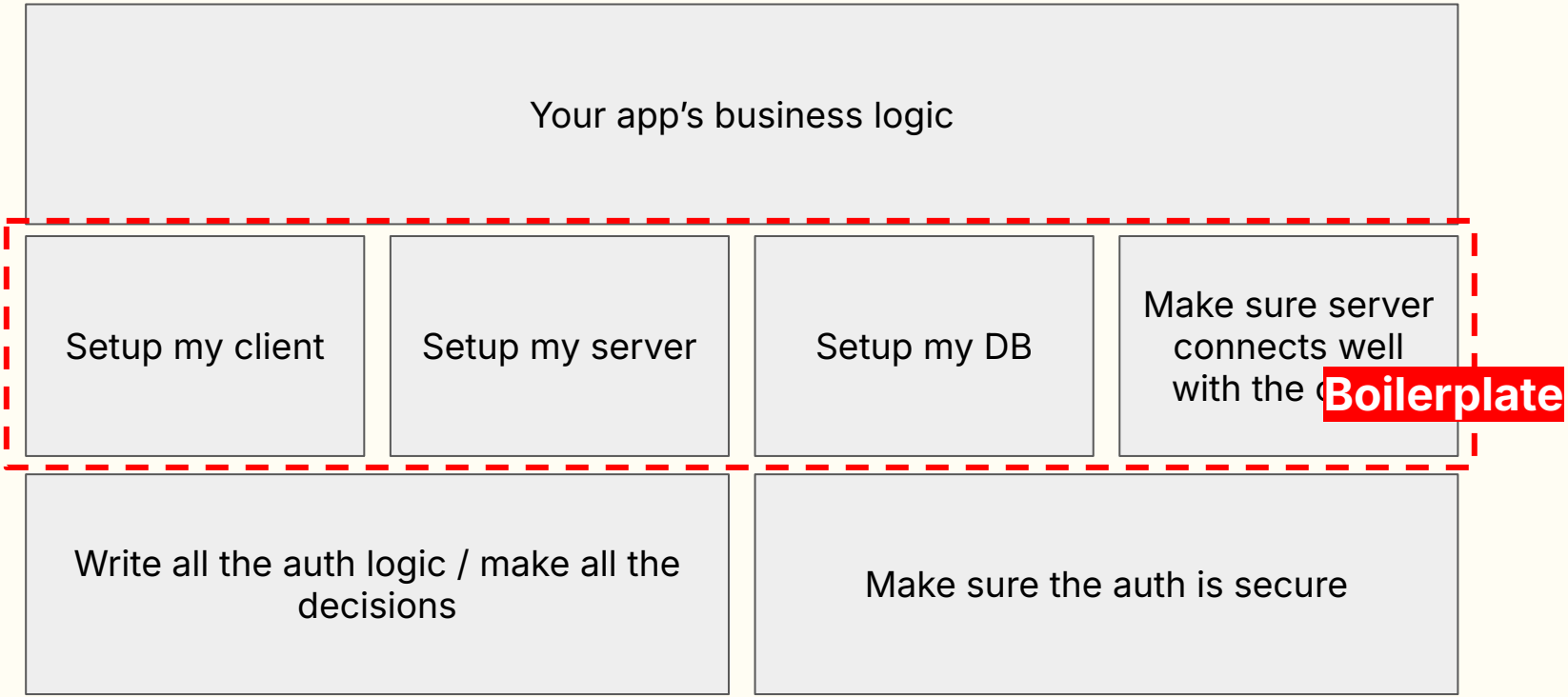
```
const auth = setupAuth([
   "email",
   "username",
   "google",
   "github",
   "discord",
   "keycloak",
]);

app.use("/auth", auth);
```

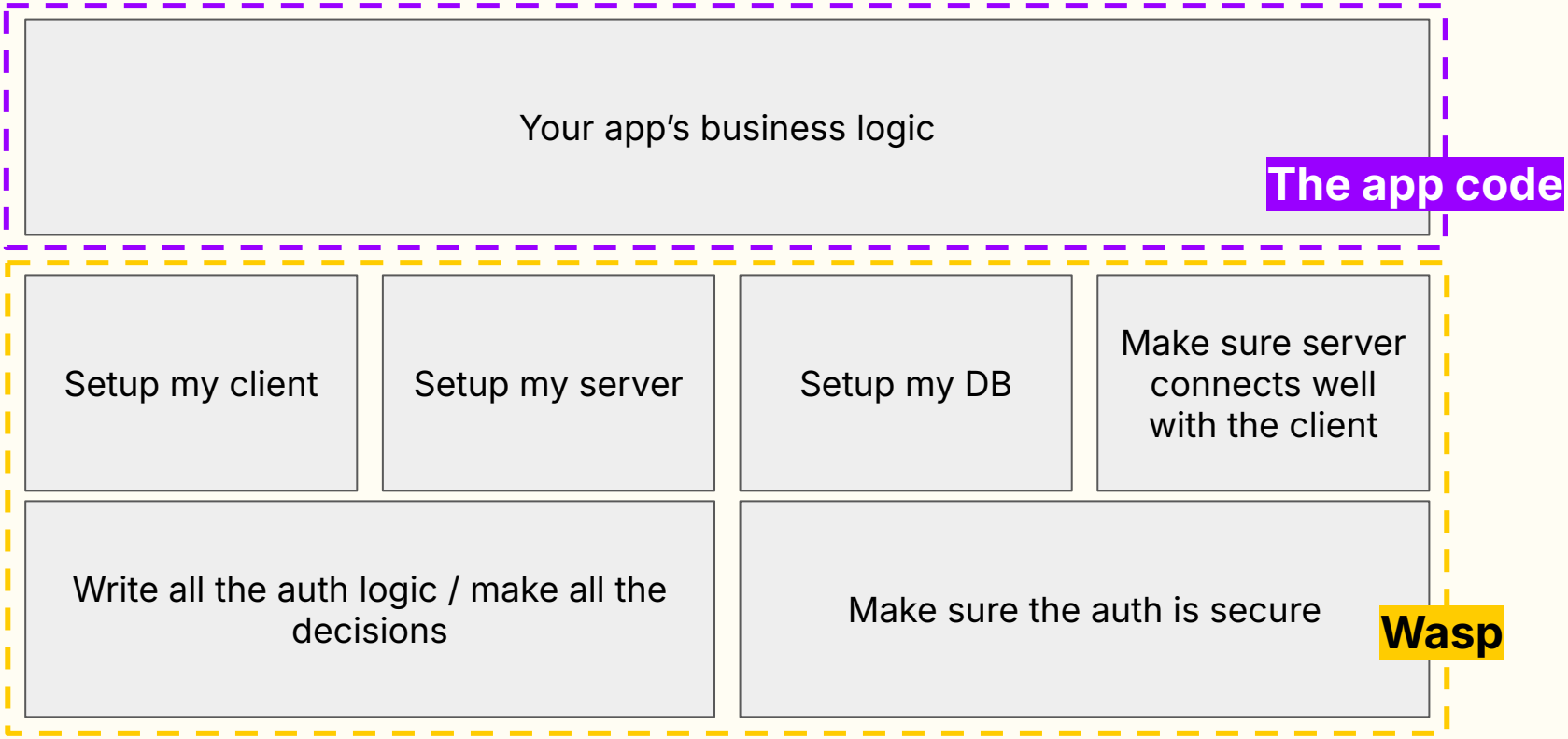
What if we can make a lot of assumptions?



What if we can make a lot of assumptions?

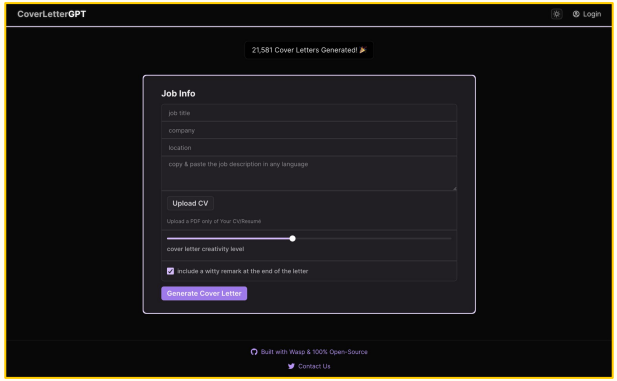


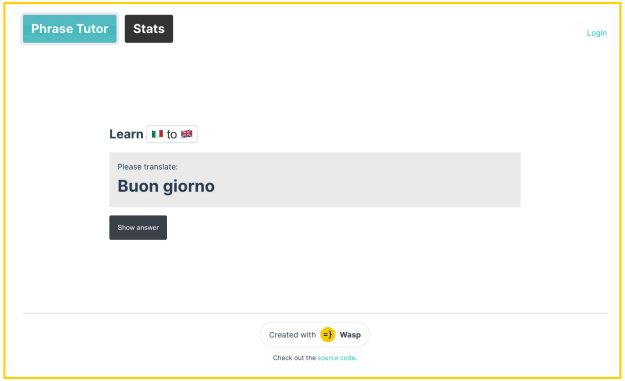
What if we can make a lot of assumptions?

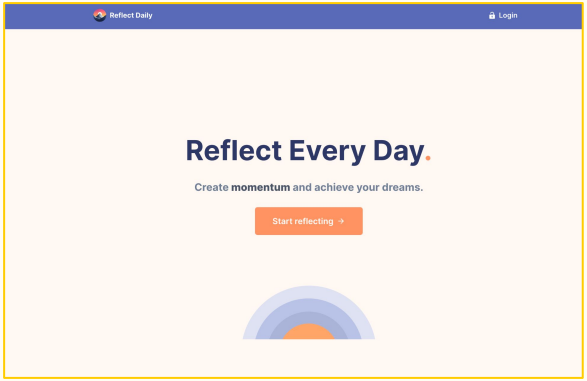


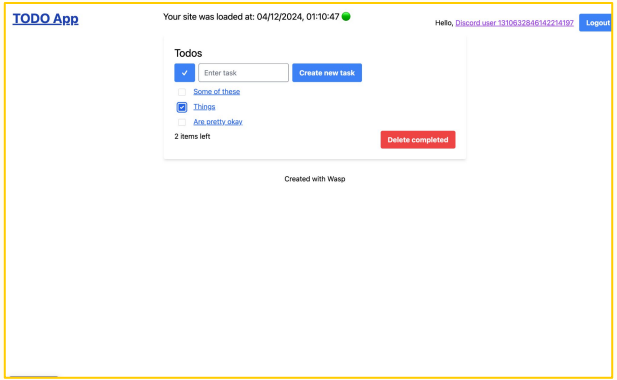
google: {}

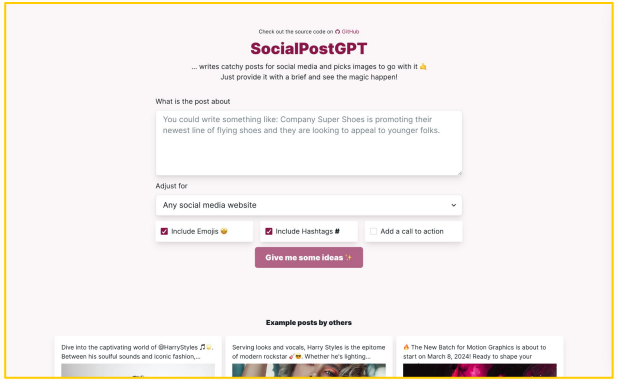
it’s the same code from the demo 🤯

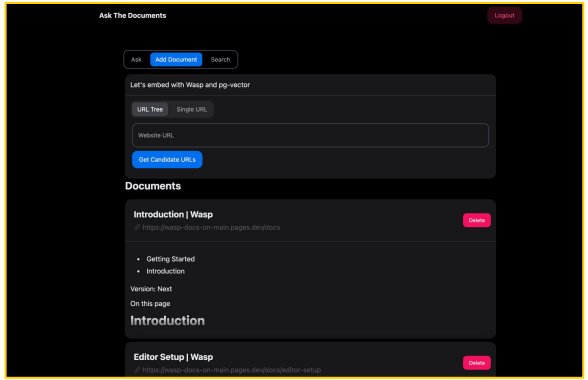

CoverLetterGPT
Login
21,581 Cover Letters Generated!
Job Info
job title
company
location
copy & paste the job description in any language
Upload CV
Upload a PDF only of Your CV/Resume
cover letter creativity level
include a witty remark at the end of the letter
Generate Cover Letter
Built with Wasp & 100% Open-Source
Contact Us

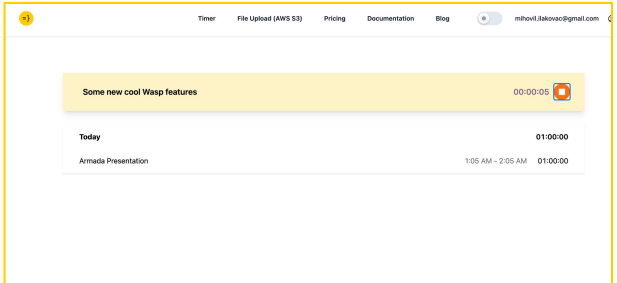

Phrase Tutor
Stats
Login
Learn to
Please translate:
Buon giorno
Show answer
Created with Wasp
Check out the source code.

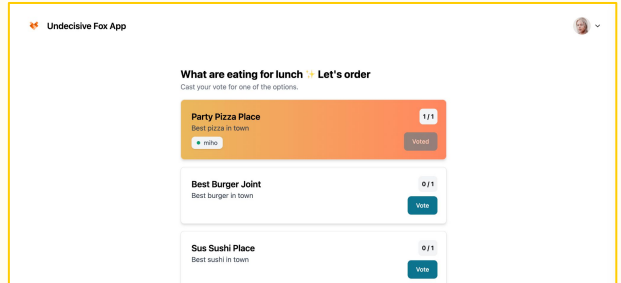

Reflect Daily
Login
Reflect Every Day.
Create momentum and achieve your dreams.
Start reflecting

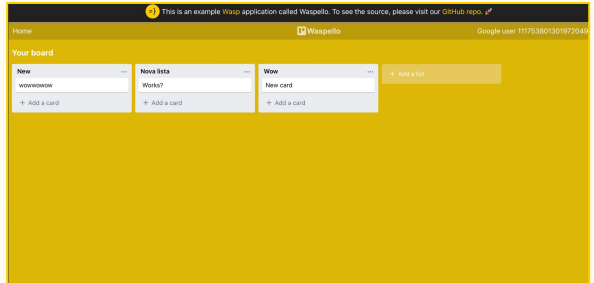

TODO App
Your site was loaded at: 04/12/2024, 01:10:47
Hello, Discord user 1310632846142214197
Logout
Todos
Enter task
Create new task
Some of these
Things
Are pretty okay
2 items left
Delete completed
Created with Wasp

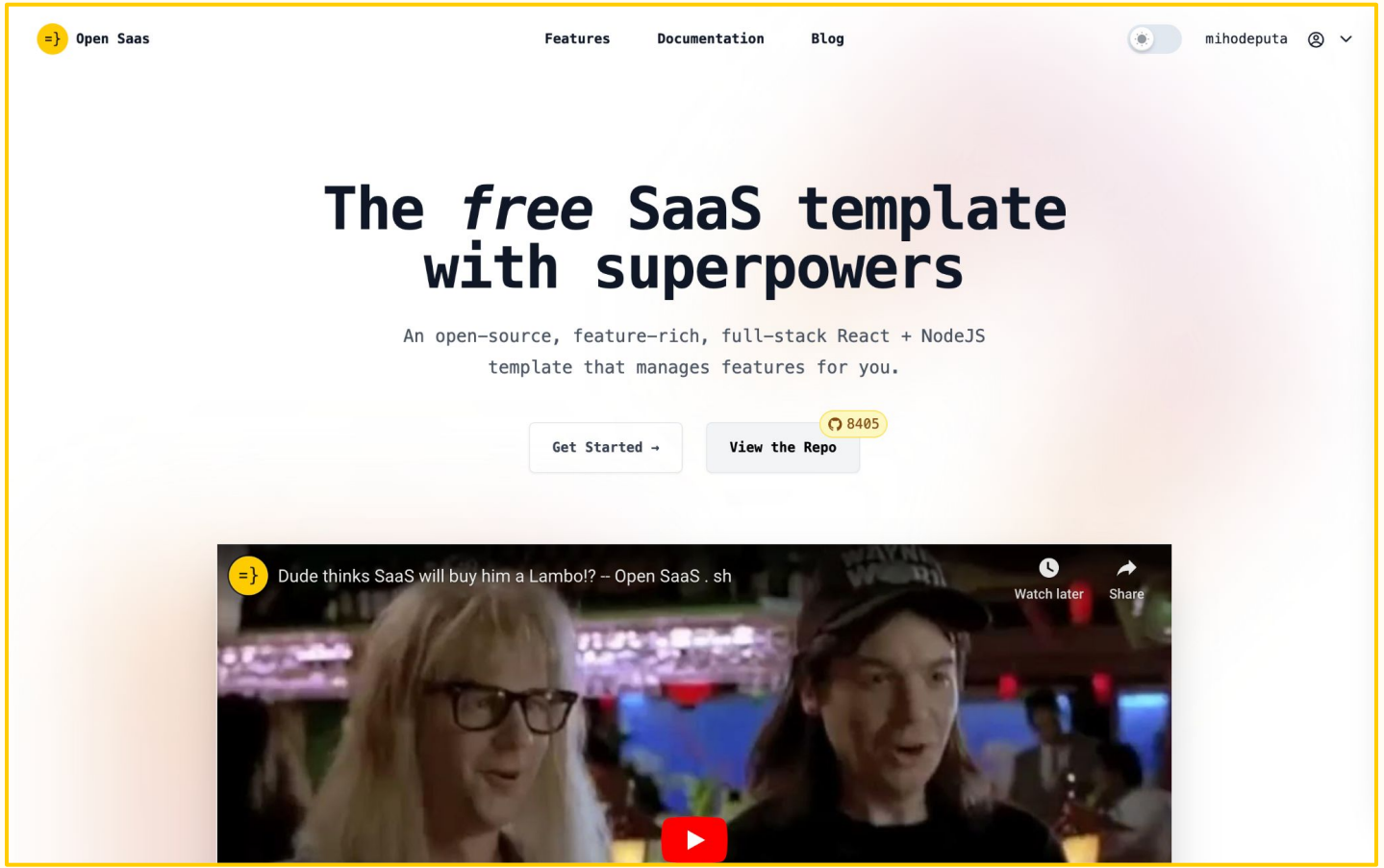

Check out the source code on GitHub
SocialPostGPT
... writes catchy posts for social media and picks images to go with it
Just provide it with a brief and see the magic happen!
What is the post about
You could write something like: Company Super Shoes is promoting their newest line of flying shoes and they are looking to appeal to younger folks.
Adjust for
Any social media website
Include Emojis
Include Hashtags #
Add a call to action
Give me some ideas
Example posts by others


Ask The Documents
Logout
Ask
Add Document
Search
Let's embed with Wasp and pg-vector
URL Tree
Single URL
Website URL
Get Candidate URLs
Documents
Introduction | Wasp
https://wasp-docs-on-main.pages.dev/docs
Delete
Getting Started
Introduction
Version: Next
On this page
Introduction
Editor Setup | Wasp
https://wasp-docs-on-main.pages.dev/docs/editor-setup
Delete


Timer
File Upload (AWS S3)
Pricing
Documentation
Blog
mihovil.ilakovac@gmail.com
Some new cool Wasp features
00:00:05
Today
01:00:00
Armada Presentation
1:05 AM - 2:05 AM
01:00:00

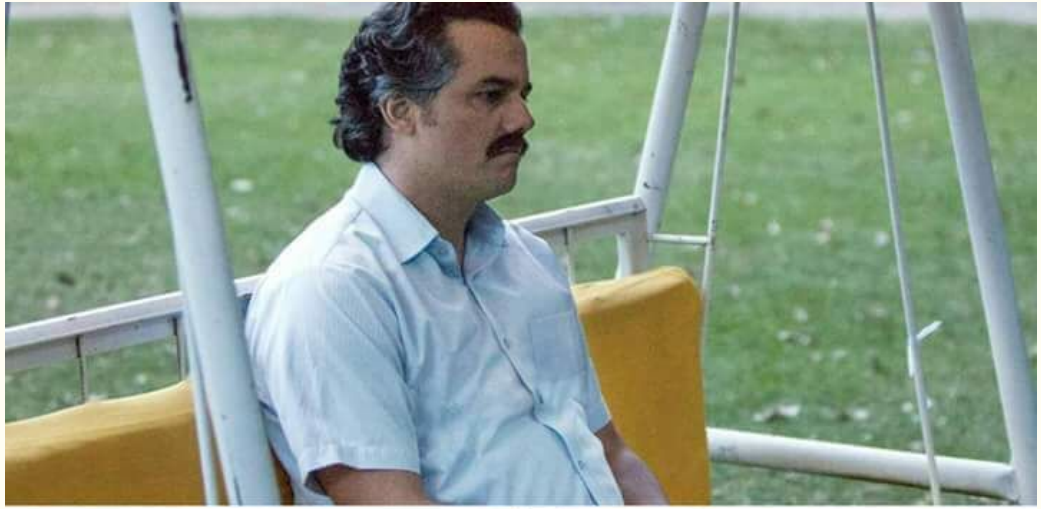

Undecisive Fox App
What are eating for lunch ✨ Let's order
Cast your vote for one of the options.
Party Pizza Place
Best pizza in town
miho
1 / 1
Voted
Best Burger Joint
Best burger in town
0 / 1
Vote
Sus Sushi Place
Best sushi in town
0 / 1
Vote


This is an example Wasp application called Waspello. To see the source, please visit our GitHub repo.
Home
Waspello
Google user 111753801301972049
Your board
New
wowwowow
Nova lista
Works?
Wow
New card
Add a card
Add a list



https://opensaas.sh

Developer feedback



[Framework code] → [App Code] → [End User]

^ Me ^ Most devs

[Framework code] → [App Code] → [End User]

^ Me

^ Most devs
Our end user

Personas

Casual

Auth UI

Log in to yo

Log in with

Or continue with

Username

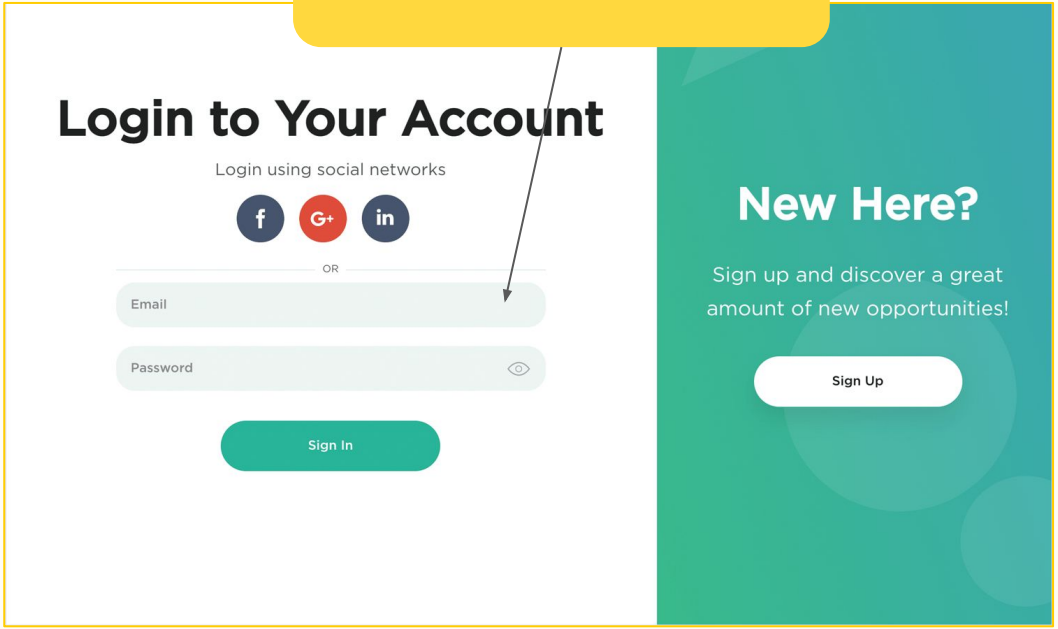
Password

Log in

I don't have an account yet (go to signup).

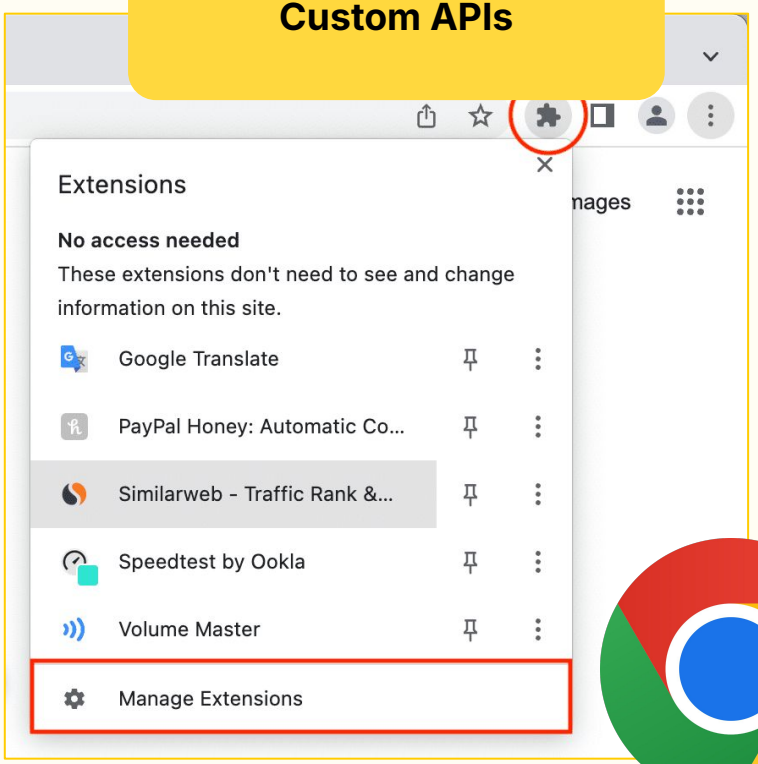
Business casual

Auth hooks



Over 9000 HC

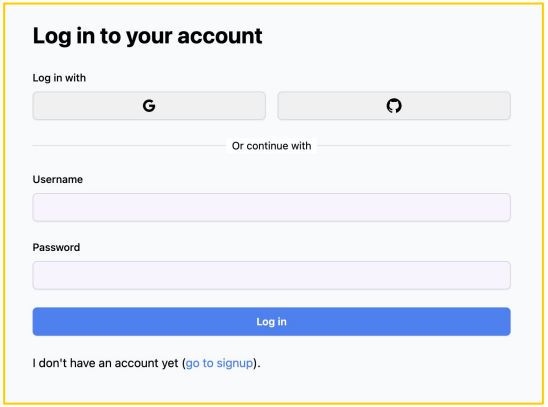
Custom APIs



Breakdown of our design philosophy

Be strict about your layers

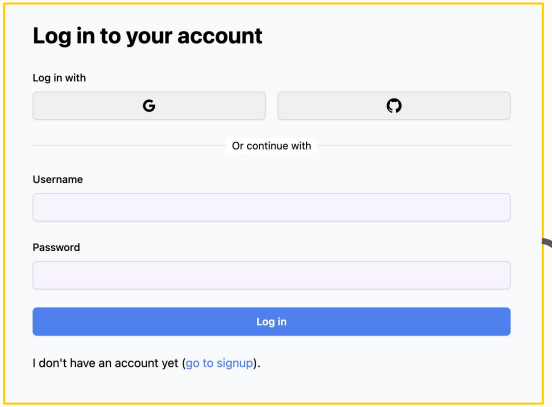
High level API



High level API

Uses

Low level API



Uses

useAuth() hook

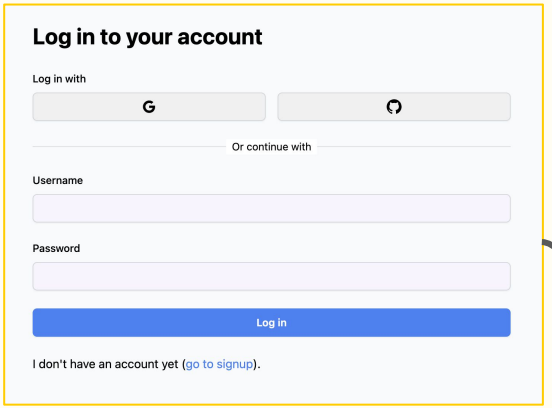
High level API

Uses

Low level API

Uses

Platform primitives



Uses

useAuth() hook

Uses

Wasp's actions and queries

Frustration happens when the developer is unable to use their existing skills

… or feels punished for doing it their way instead of your way.

Cost of convenience (2022) by Surma

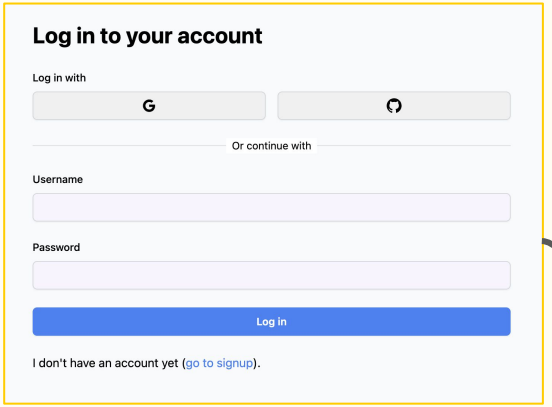
High level API

Uses

Low level API

Uses

Platform primitives

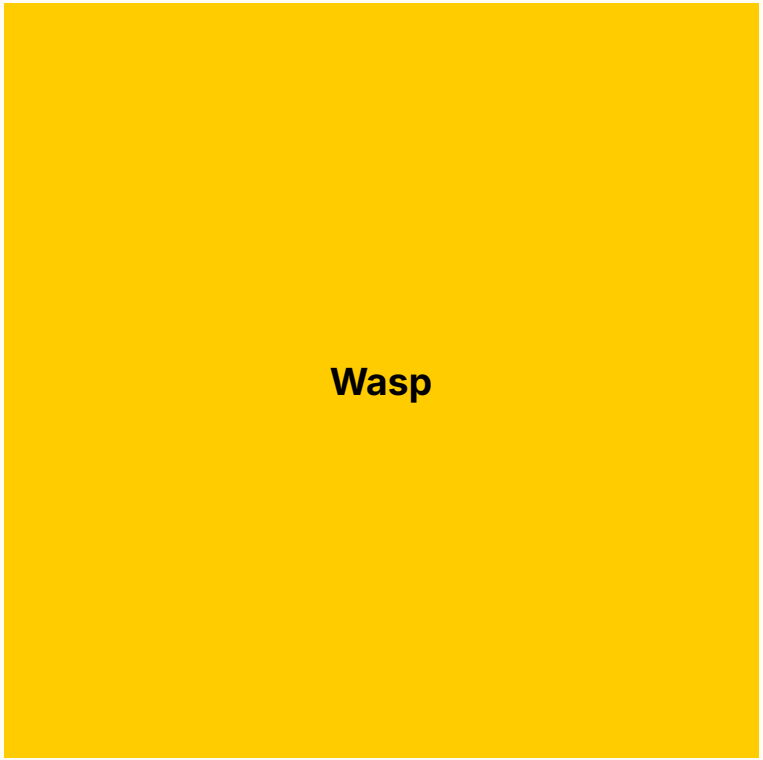


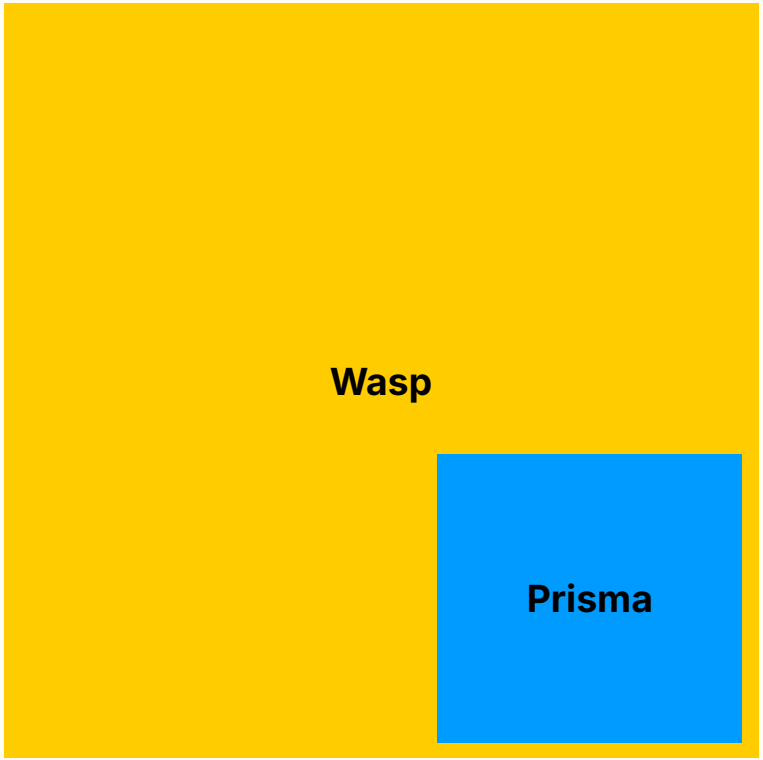
Uses

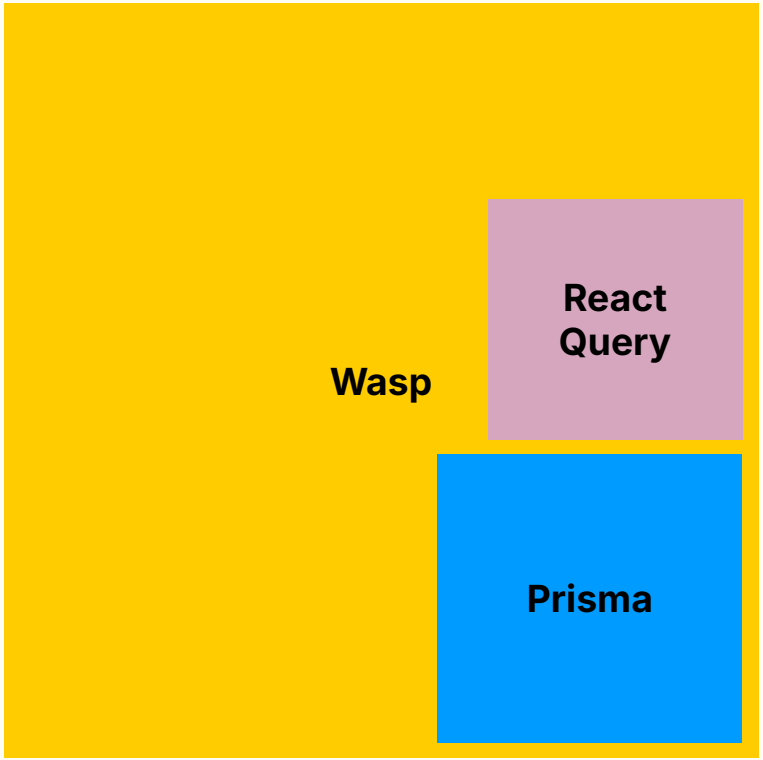
useAuth() hook

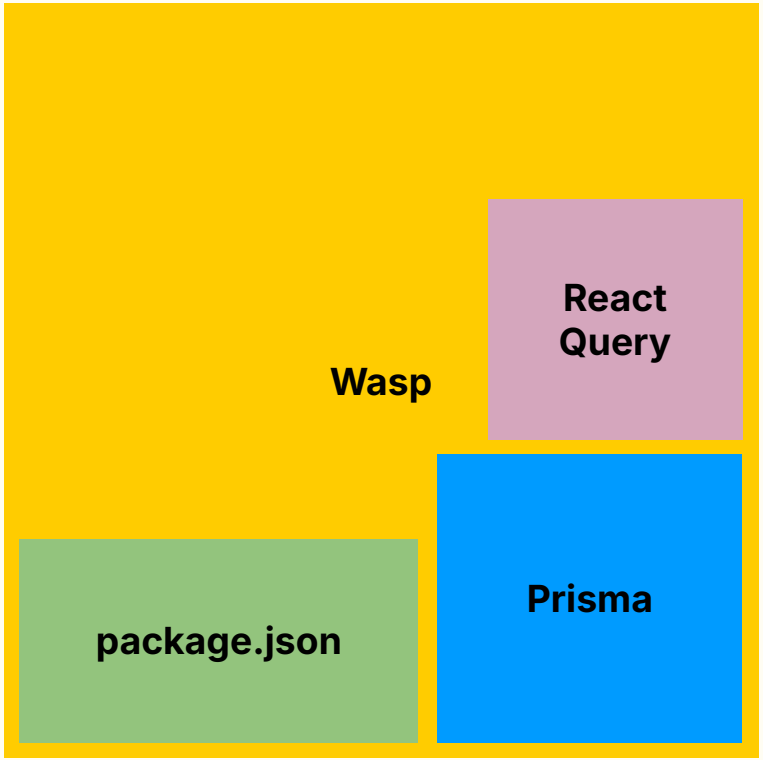
Wasp's actions and queries

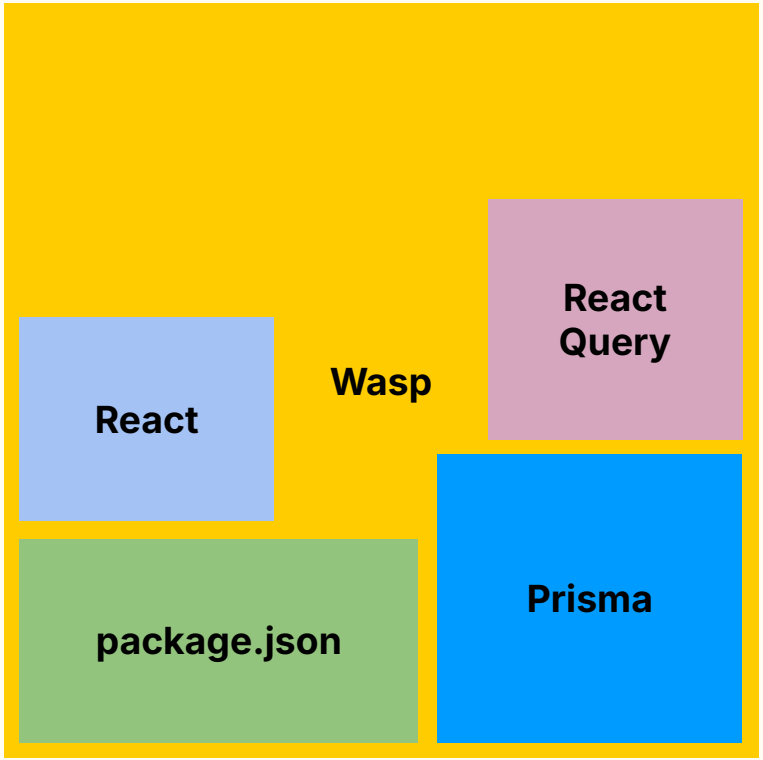
The ending on every 80's song :

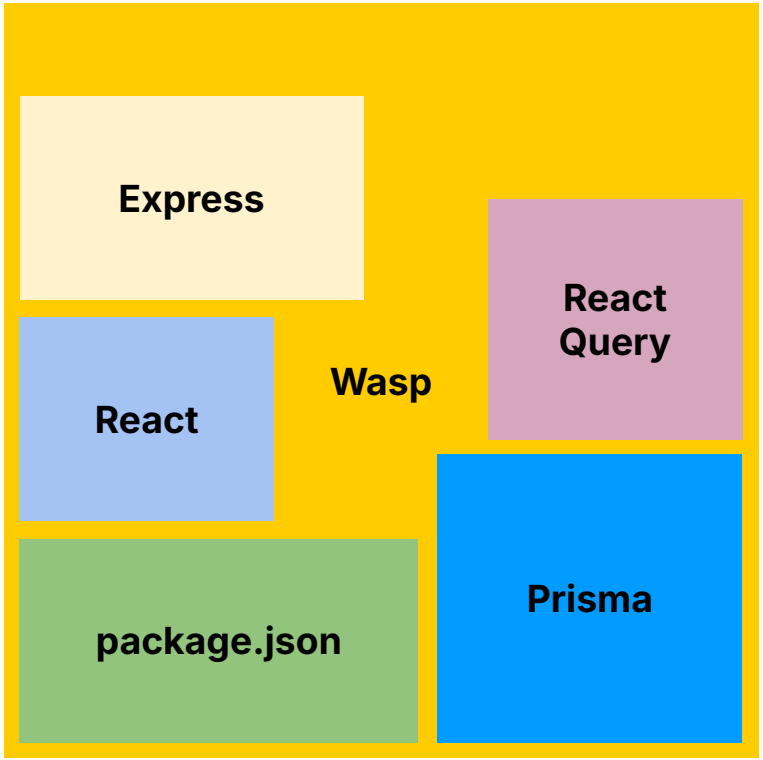

Wasp

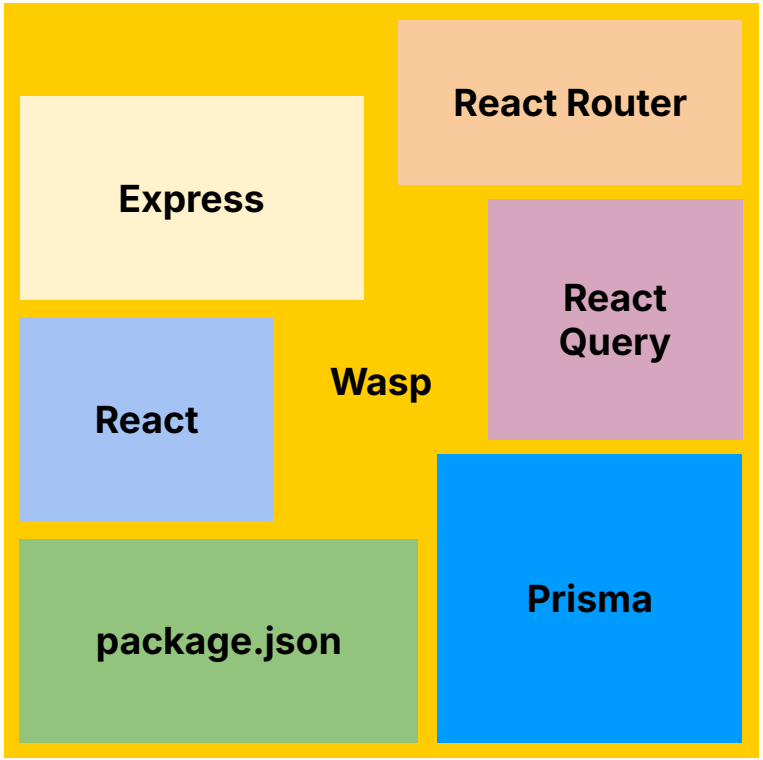

Wasp
Prisma


Wasp
React
Query
Prisma


Wasp
React
Query
Prisma
package.json


React
Query
Wasp
React
Prisma
package.json


Express
React Query
Wasp
React
Prisma
package.json


React Router
Express
React
Query
Wasp
React
package.json
Prisma

TS main.wasp.ts ×

TS main.wasp.ts > app

You, last month | 1 author (You)

```ts
import { App, type ExtImport } from "wasp-config";

const app = new App("socialpostgpt", {
  title: "SocialPostGPT",      You, last month • Rewrite to TS SDK
  wasp: {
    version: "^0.15.1",
  },
  head: [
    `<script defer data-domain="socialpostgpt.xyz" src="http://plausible.apps.twoc
  ],
});

app.client({
  rootComponent: { import: "App", from: "@src/App" },
});

defineRoute("MainPage", "/", {
  importDefault: "MainPage",
  from: "@src/pages/MainPage",
});
```

What we learned today

What we learned today

What we learned today

Thank you!

@WaspLang

LET'S GET TO 15K