



How I got 1600 stars on GitHub in 2 months of Open Source work

Press Space or → for next page

https://twitter.com/hung_dev

Have you contributed to any Open Source projects?

If you haven't, I hope you will after my talk 😊.

Hi, My name is Hung



- Full-time Open Source contributor
- Creator of Jest Preview
- Core member of bestofjs.org
- Ex - Lead Frontend Engineer @ Got It Inc.
- Obsession with DX
- Connect with me:
 - : @hung_dev
 - : @nvh95
 - :hung.dev



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What is Jest Preview and why I built it?

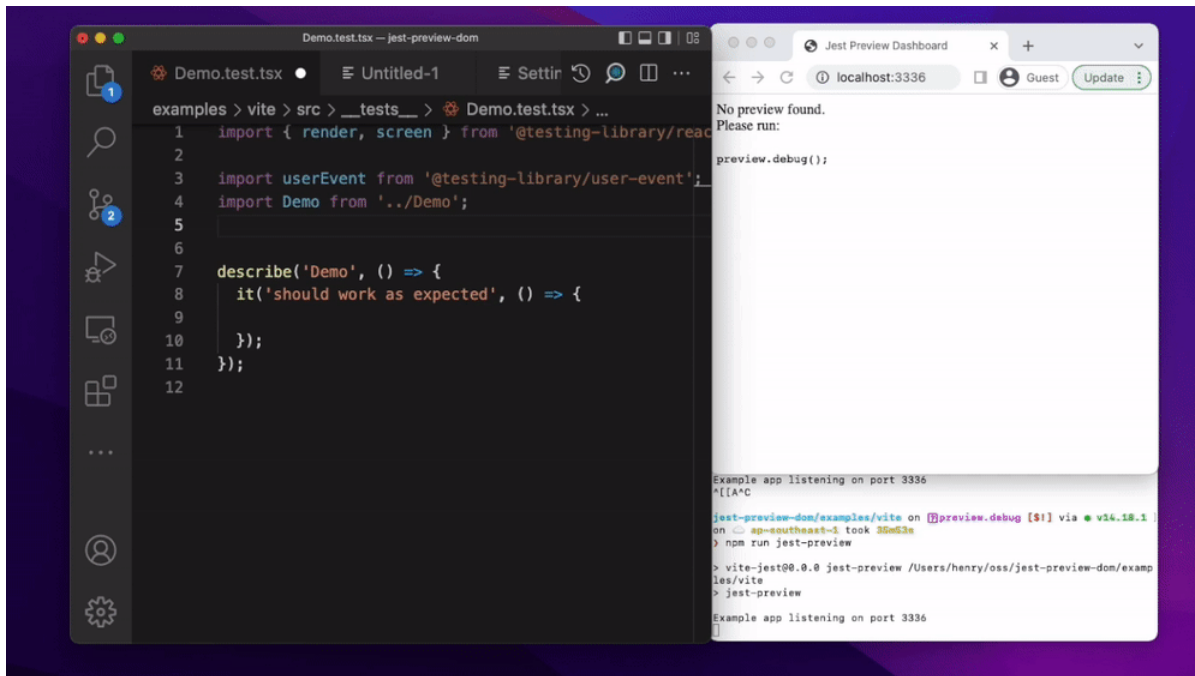
```
bestofjs-webui — zsh (figterm) › node — 133x42
FAIL src/__tests__/Homepage.test.tsx
  Home page
    ✕ should render correctly (2682 ms)

● Home page › should render correctly

Unable to find an element with the text: The best JavaScript, HTML and CSS. This could be because the text is broken up by multiple elements. In this case, you can provide a function for your text matcher to make your matcher more flexible.

Ignored nodes: comments, <script />, <style />
<body
  class="chakra-ui-dark"
>
  <div
    id="chakra-toast-portal"
  >
    <ul
      id="chakra-toast-manager-top"
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    />
    <ul
      id="chakra-toast-manager-top-left"
      style="position: fixed; z-index: 5500; pointer-events: none; display: flex; flex-direction: column;"
    />
    <ul
      id="chakra-toast-manager-top-right"
      style="position: fixed; z-index: 5500; pointer-events: none; display: flex; flex-direction: column;"
    />
    <ul
      id="chakra-toast-manager-bottom-left"
      style="position: fixed; z-index: 5500; pointer-events: none; display: flex; flex-direction: column;"
    />
    <ul
      id="chakra-toast-manager-bottom"
      style="position: fixed; z-index: 5500; pointer-events: none; display: flex; flex-direction: column; margin: 0px auto;"
    />
    <ul
      id="chakra-toast-manager-bottom-right"
      style="position: fixed; z-index: 5500; pointer-events: none; display: flex; flex-direction: column;"
    />
  </div>
</div>
```

What is Jest Preview and why I built it?





Jest Preview

By nvh95

RUN PROJECT ▶

What struggles do I have to overcome when building an OSS project?

Struggles

- It's difficult.

```
import styles from './styles.module.css';  
  
<div className={styles.button}>Click me</div>
```

E.g: We might know how to use CSS Modules, but we might not need to know how CSS Modules work under the hood

```
require('postcss-modules')({  
  getJSON: (cssFileName, json, outputFile) => {  
    console.log(JSON.stringify(json));  
  },  
  generateScopedName: function (name, filename, css) {  
    const stringHash = require('string-hash');  
    const i = css.indexOf('.') + name;  
    const line = css.substr(0, i).split(/[\r\n|\n|\r]/).length;  
    const removedNewLineCharactersCss = css.replace(/([\r\n|\n|\r])/g, '');  
    const hash = stringHash(removedNewLineCharactersCss).toString(36).substr(0, 5);  
    return '_' + name + '_' + hash + '_' + line;  
  },  
})
```

Struggles

- It takes a lot of time

=> You need to manage your time well

=> Always have a plan

(A Good Plan Today is Better than a Perfect Plan Tomorrow)



Struggles

- Since it's an open source project, many people will come to help you
- Not really
- Sometimes you want to give up/ archive the project

=> Why do you start OSS in the first place?



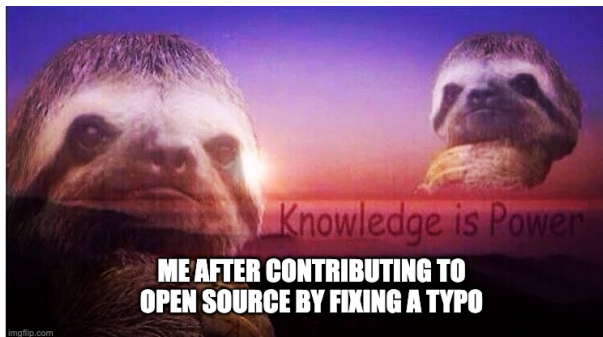
Struggles

- Financially
- Just do it for fun
- GitHub Sponsors
- Open Collective
- Freemium model



What did I receive from doing open source software?

- Knowledge. A lot of knowledge.

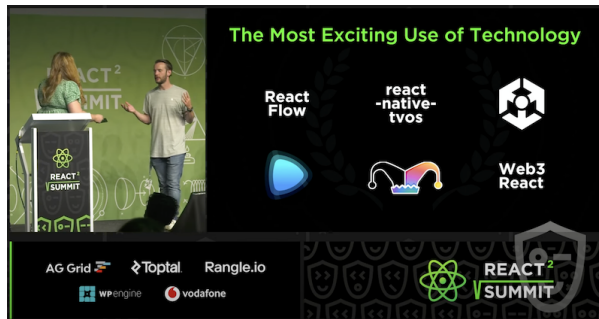


- Read open source code a lot => code reading/ debugging skills improved
- Understand how the tools you use everyday work under the hood => Better programmer
- Rabbit hole: Jest, Vite core, CRA core, Websocket, chokidar, shebang, PostCSS, Babel...

What did I receive from doing open source software?

- **Opportunities:**

- Nominated for the Most Exciting Use of Technology, React Open Source Awards, React Summit



- Jobs: Companies reach out
- Conferences/ Tech events

What did I receive from doing open source software?

Know great developers:

- Twitter

The image displays five tweets from Twitter, arranged in a grid-like fashion. Each tweet is shown as a dark blue card with a white profile picture on the left, a white text bubble in the center, and a timestamp at the bottom. The tweets are as follows:

- Tweet 1:** Profile picture of a man with glasses. Text: "You're doing a great job! So keep on doing what you're doing". A red heart icon with the number "1" is below the text. Timestamp: "Jun 29, 2022, 6:16 PM".
- Tweet 2:** Profile picture of a woman with long dark hair. Text: "Thanks, Hung. Yes, persistence is the hardest part." Timestamp: "Jun 29, 2022, 6:16 PM".
- Tweet 3:** Profile picture of a woman with long brown hair. Text: "Good job. Nice project." Timestamp: "May 24, 2022, 11:52 PM".
- Tweet 4:** Profile picture of a man with short brown hair. Text: "y Thanks again for joining the episode! I think it turned out great!". A URL is partially visible above the text: "hangoregroom/req...".
- Tweet 5:** Profile picture of a man with short dark hair. Text: "amsterdam was nice, hope to see you at another conference maybe!". Timestamp: "Jun 18, 2022, 8:12 PM".

What did I receive from doing open source software?

Know great developers:

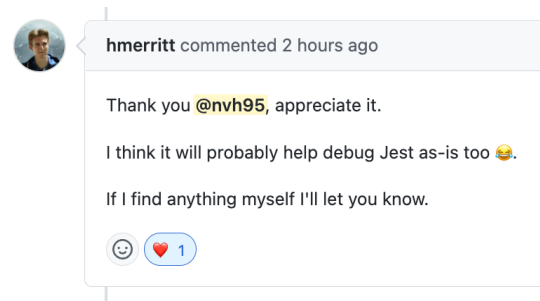
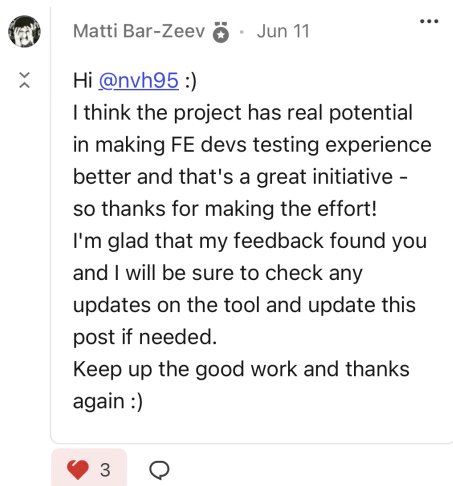
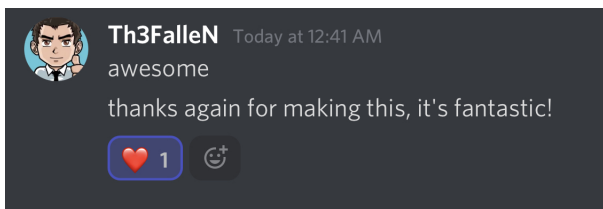
- In-person



- You guys at JSConf Korea 2022 ♥

What did I receive from doing open source software?

I received a lot of thanks:



So...

How to do that?



Some tips to start your OSS journey

How to choose an open source project to work on?

- Should be projects you use every day



- Should solve your own problem

Find a maintainer



Do not start at 1.x

- A new project is full of PoC and experiments
- 1.x means your software must be backward compatible
- Major version zero (0.y.z) is for initial development. Anything MAY change at any time. The public API SHOULD NOT be considered stable.



Use your own software

- When you use it as a normal user, you know if you need to adjust or add more features to make it usable



Ask for feedback

- Your software can be subjective



Learn from others



"Good artists copy,
great artists steal."

- Pablo Picasso

vantucker.me

Write documentations

Use static site generator:

- If you prefer React: <https://docusaurus.io>
- If you prefer Vue: <https://vitepress.vuejs.org>

Jest Preview

Debug your Jest tests.
Effortlessly.

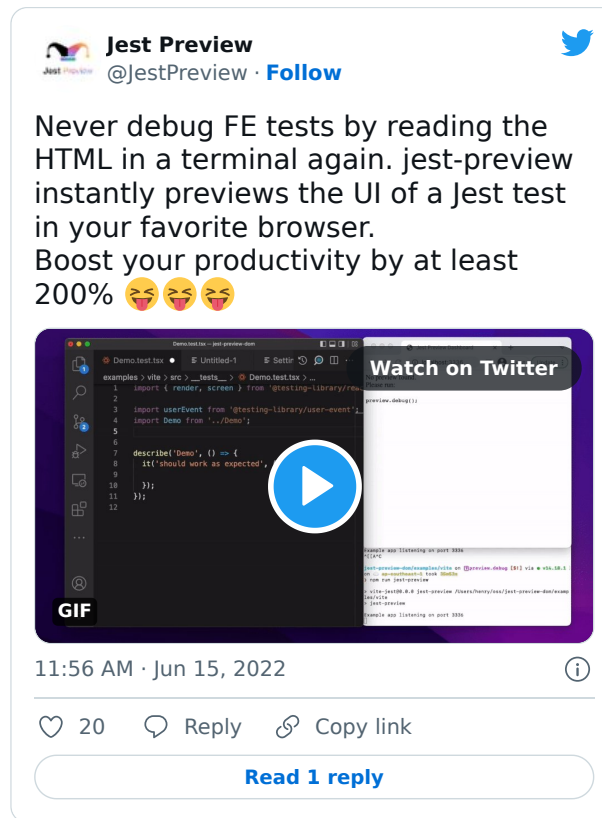
Get Started

Try now



Share it with the world

- Twitter
- Blog Posts
- Tech events



Last but not least

Contribute to Open Source today

I hope you will have a lot of fun and learn a ton doing open source software.

Thanks for your attention!

Q&A



Try Jest Preview and give it a star since it's free ☺

Slides available at <https://jsconf.hung.dev/>