

a

Anthony's Roads to Open Source

The Set Theory

集合論

Anthony Fu

Core team member of Vite, Vue, and Nuxt.

Creator of Vitest, Slidev, UnoCSS, VueUse, and Elk.

Working at NuxtLabs.



antfu.me

[antfu](https://github.com/antfu)

antfu@webtoo.ls

[antfu7](https://twitter.com/antfu7)

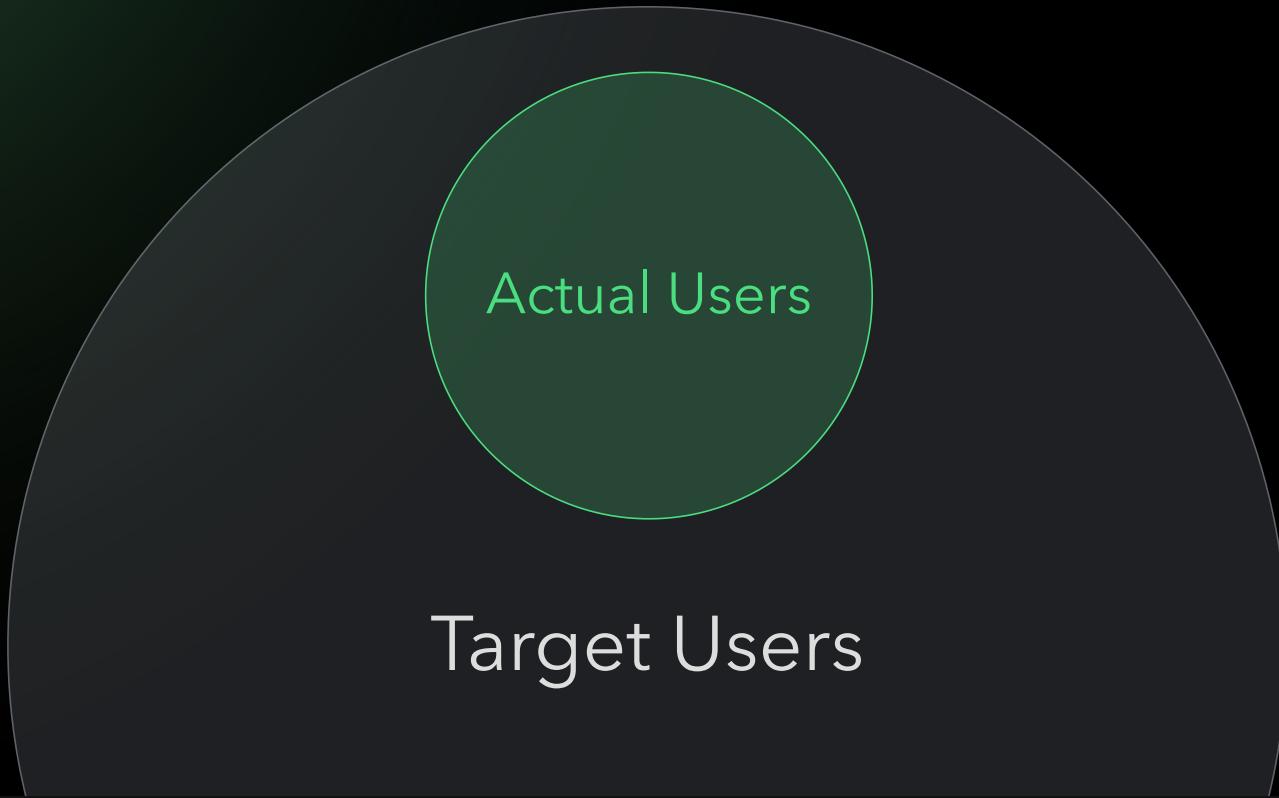
Anthony's

Roads to Open Source^{1/n}

Anthony's

Set Theory

Consider your Target Users



For example

My First Open Source Project 2019

```
`antfu/vscode-vue-i18n-ally`
```



```
<template>
  <div id="app">
    <p>{{ $t('Brings a better translating experience') }}</p>
    <p>{{ $t('Hello!') }}</p>
  </div>
</template>

<script>
export default {
  computed: {
    foobar () {
      return this.$t('good morning')
    },
  },
}
</script>
```

en Good morning

fr Bonjour

ja おはようございます

ko 좋은 아침

zh-cn -

All activity



kazupon starred 2 repositories 6 minutes ago

[antfu/vue-i18n-ally](#)

Better Vue i18n experiences with VSCode

TypeScript ★ 2 Updated Jun 5

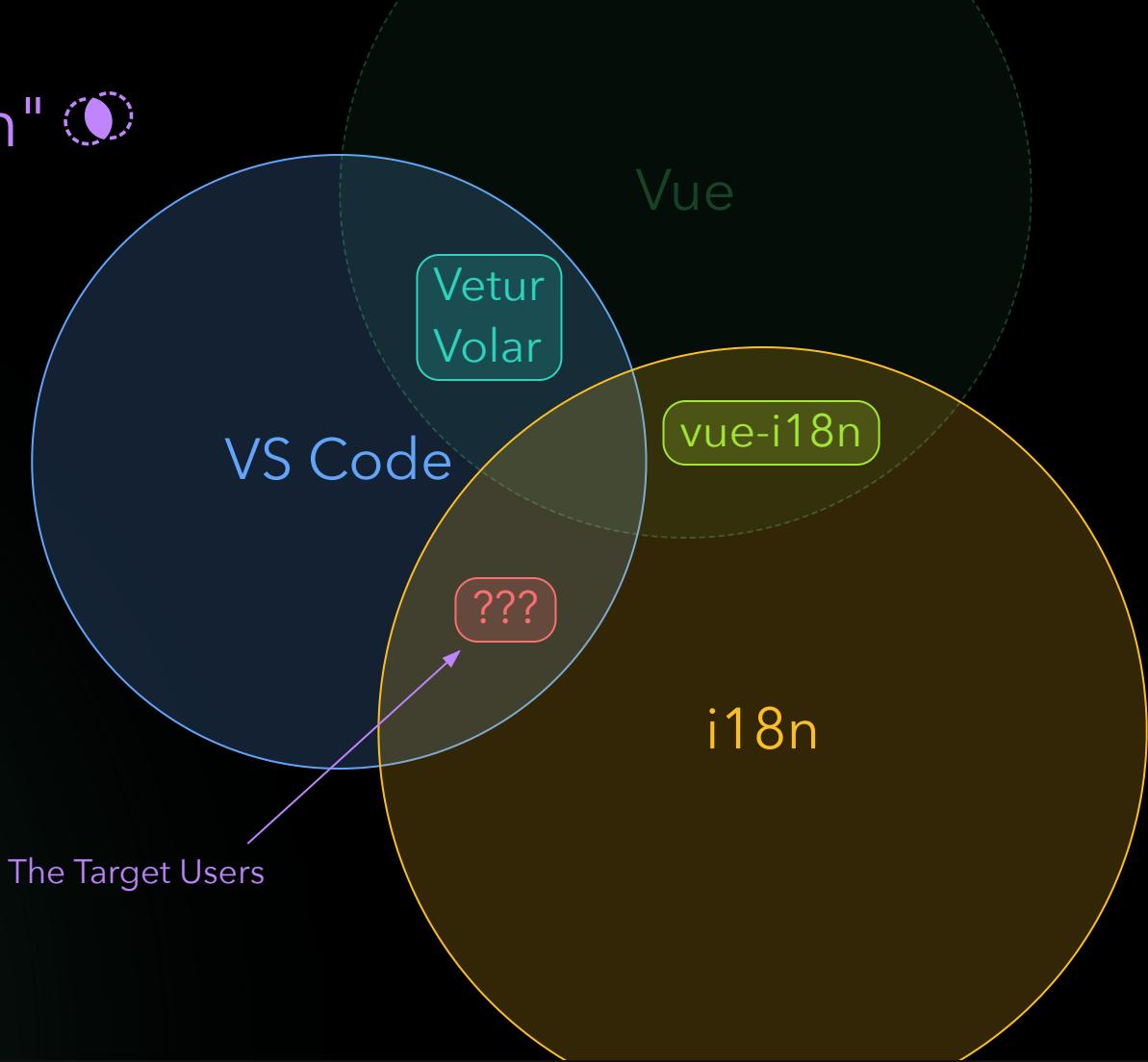
このスターは、私がオープンソースの旅を続けることを 大いに励まして くれました。
どうもありがとうございます。

The "Set Intersection" ⚡

The project:

`vscode-vue-i18n-ally`

- Break the set circles
- Expand the intersection



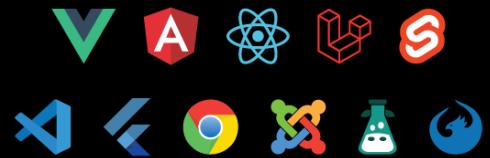


Vue i18n Ally

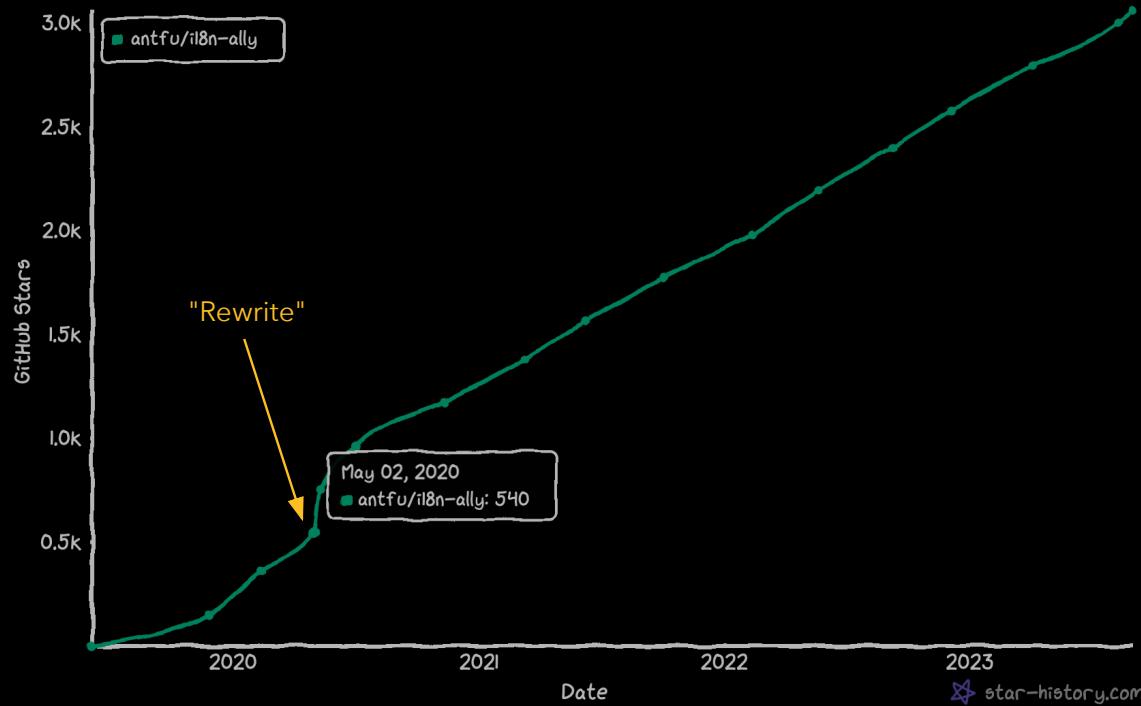


i18n Ally

Supported Frameworks



Star History





Opinionated ~~Vue~~ Tooling



Framework-agnostic Front-end Tooling

Benefits of being Universal

- Larger user base
- More contributors
- Join forces working together
- Less fragmentation and maintenance cost
- Better abstraction and architecture
- Benefit the whole ecosystem

BUT!

Specific is Not a Bad Thing

TypeScript Serverless Server Components

Middleware Hybrid Rendering Composables Auto Imports

Modules Ecosystem Nuxt DevTools Vite / Webpack SEO

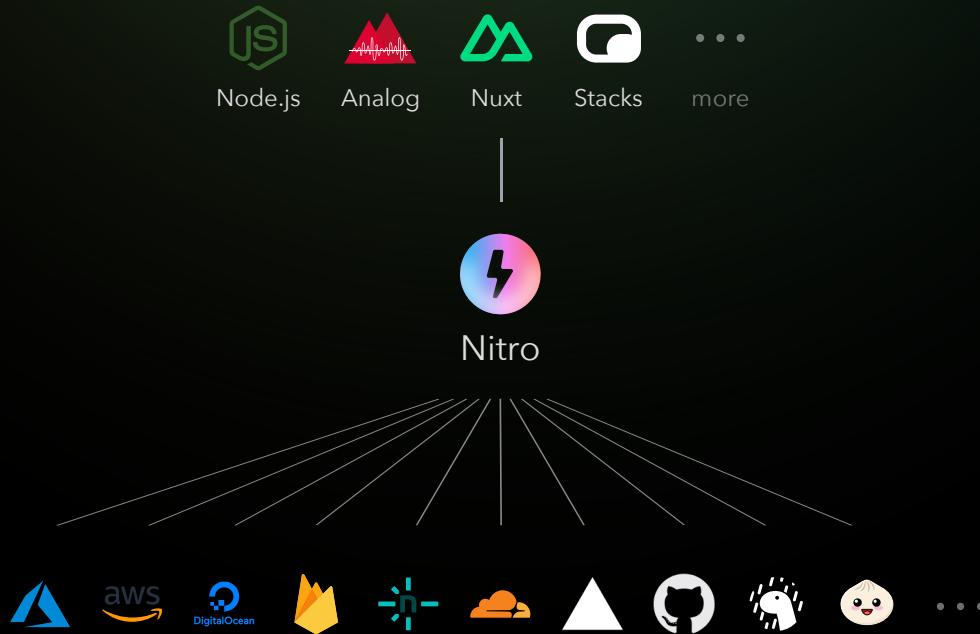
Developer Experience

Server-side Rendering File-based Routing ESM First Nitro

Zero-config Edge Rendering Components Auto Imports

Static Site Generation Layouts Server API

Deployment



Bundle Tools



|



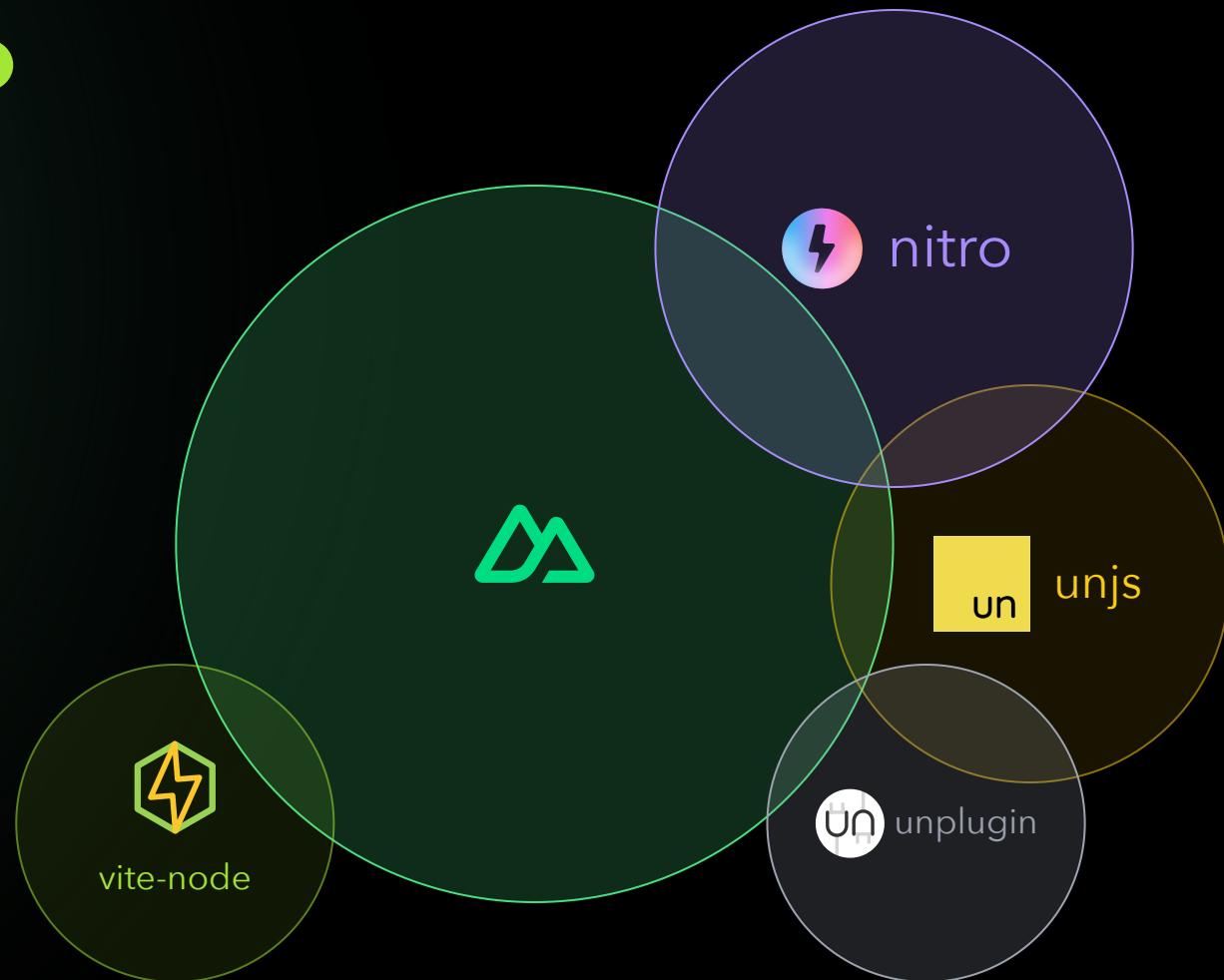
unplugin

|



...

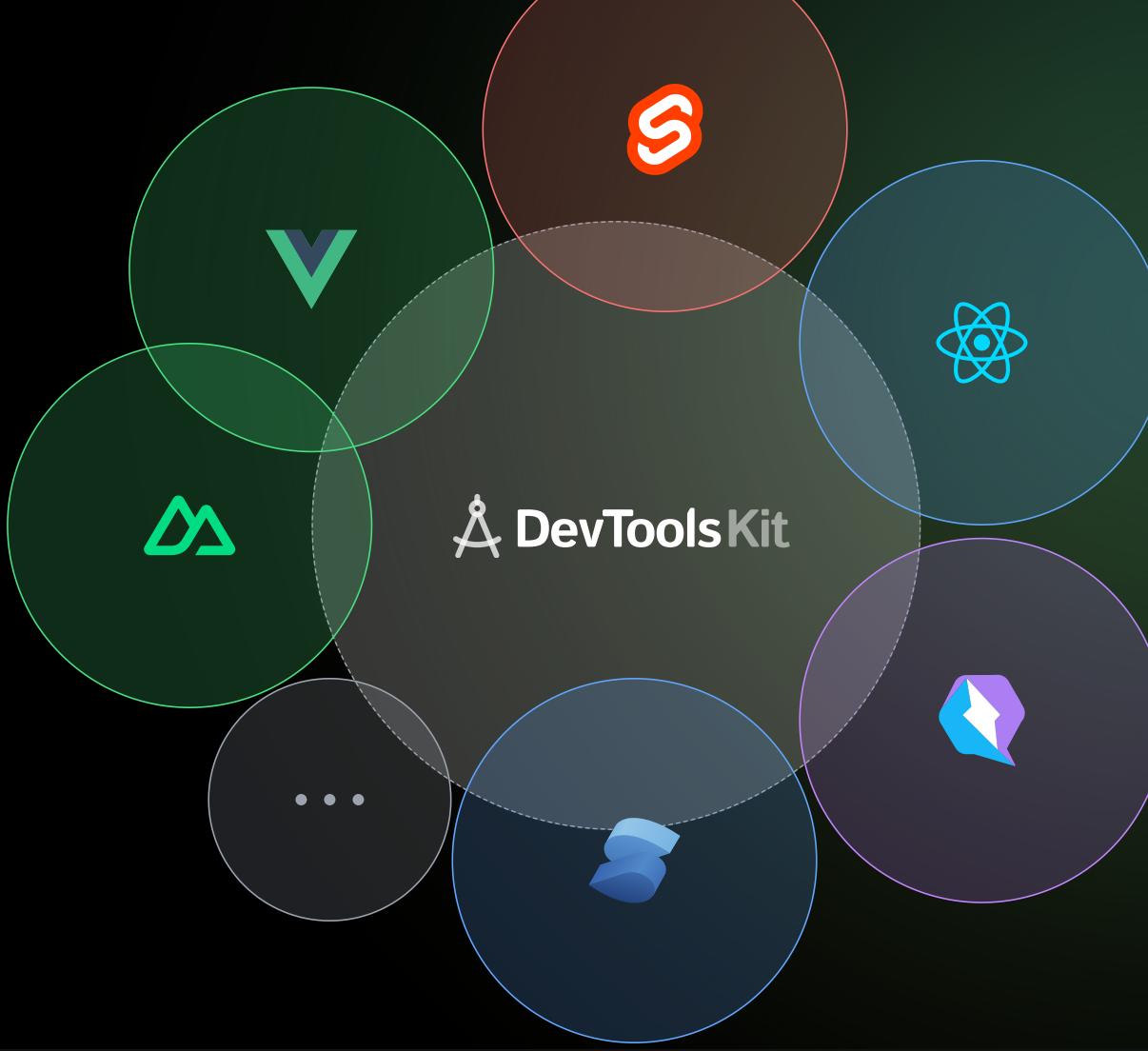
The "Set Union"



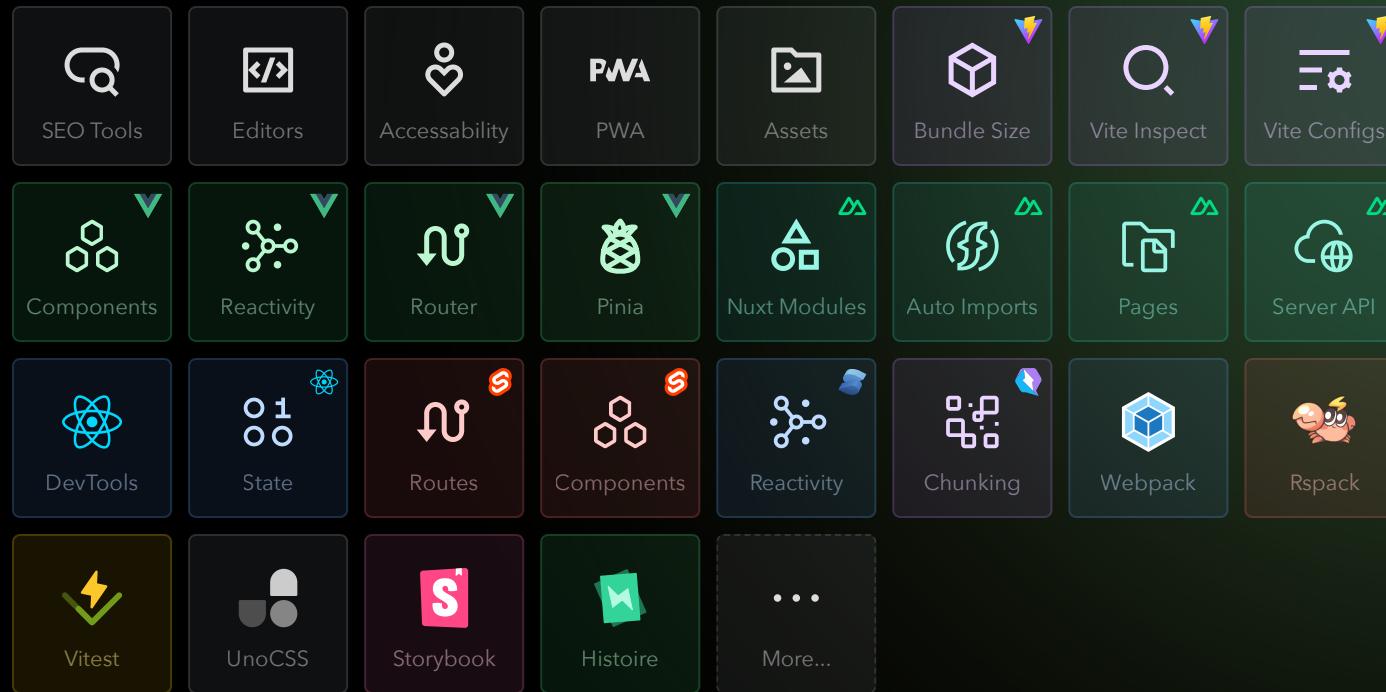
- Extract the universal parts
- Expand the scopes
- Grow the communities



DevToolsKit



Modular, composable, collaborative.



The "Set Theory"

Expand the "Set Intersection" 

- Try making the projects universal
- Break circles, expand the intersection
- Enlarge the scope

Seek for "Set Union" 

- Find the parts that can be universal, and extract them
- Keep specific integrations for better experience
- Expand the communities

ありがとうございます。

Slides on antfu.me