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Anthony's Roads to Open Source

The Set Theory

ANTHONY FU



ViteConf

Oct. 5th 2023





Anthony Fu

Core team member of Vite, Vue, and Nuxt.

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

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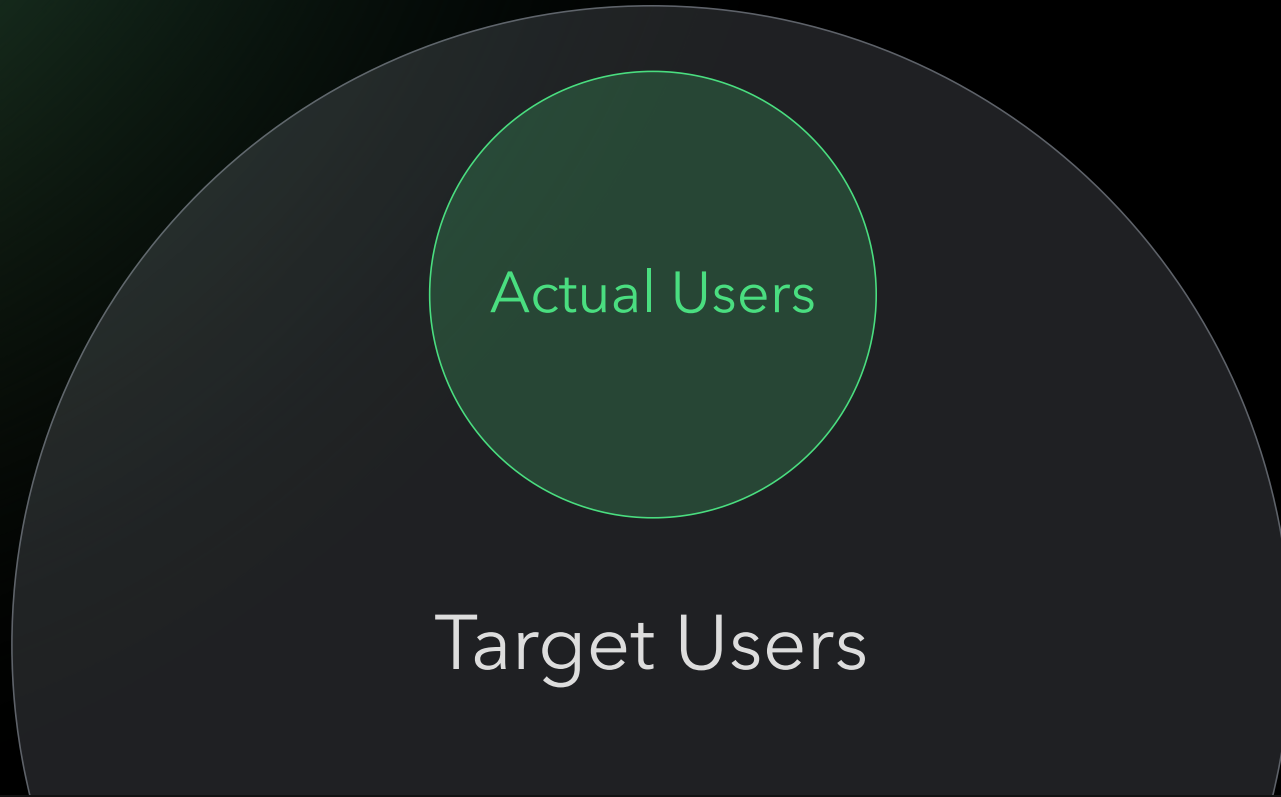
Anthony's

Roads to Open Source^{1/n}

Anthony's

Set Theory

Consider your Target Users

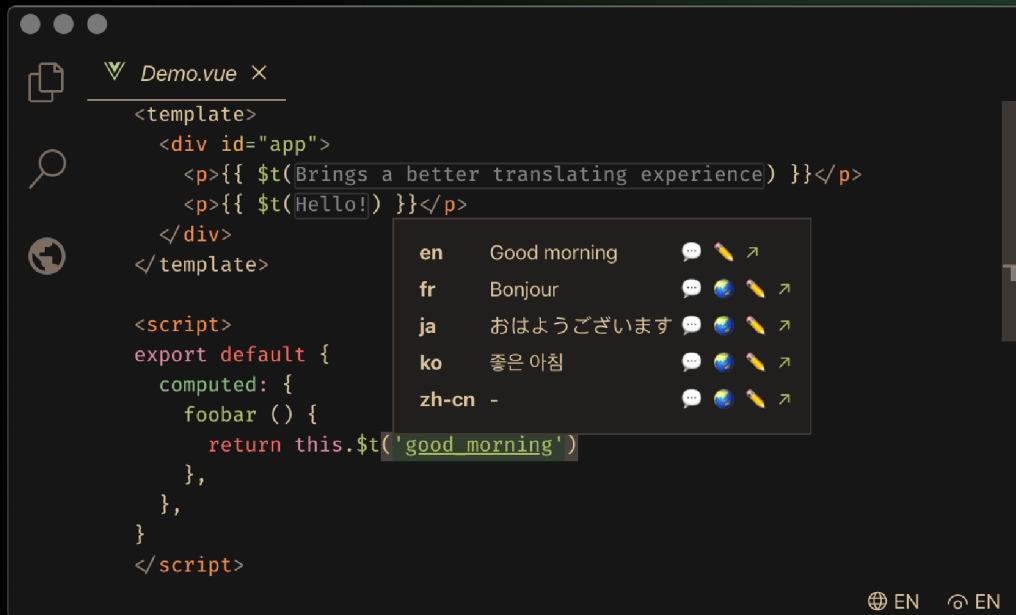


For example

My First Open Source Project ²⁰¹⁹

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~antfu/vscode-vue-i18n-ally~
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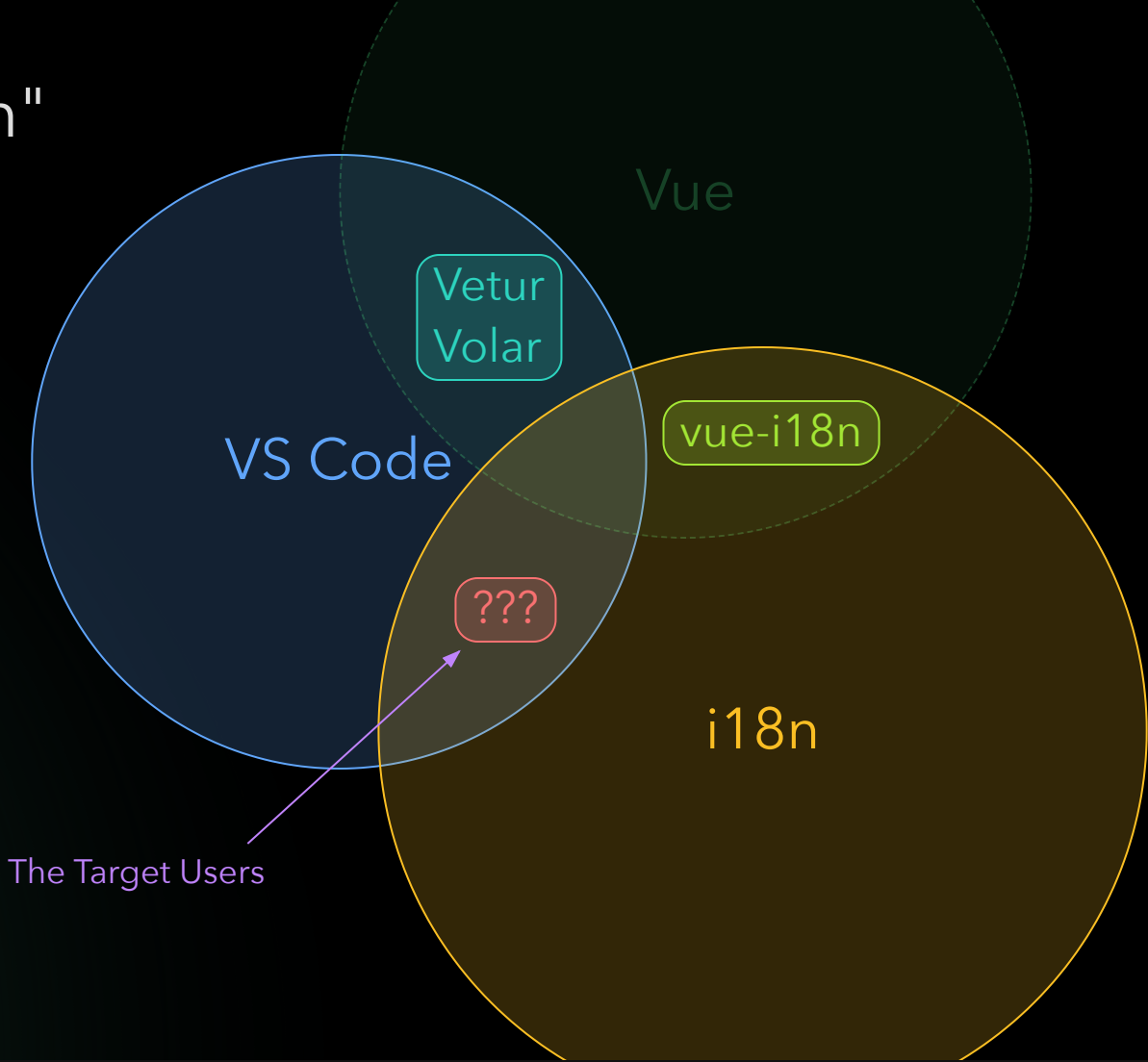


The "Set Intersection"

The project:

`vscode-vue-i18n-ally`

- Break the set circles
- Expand the intersection





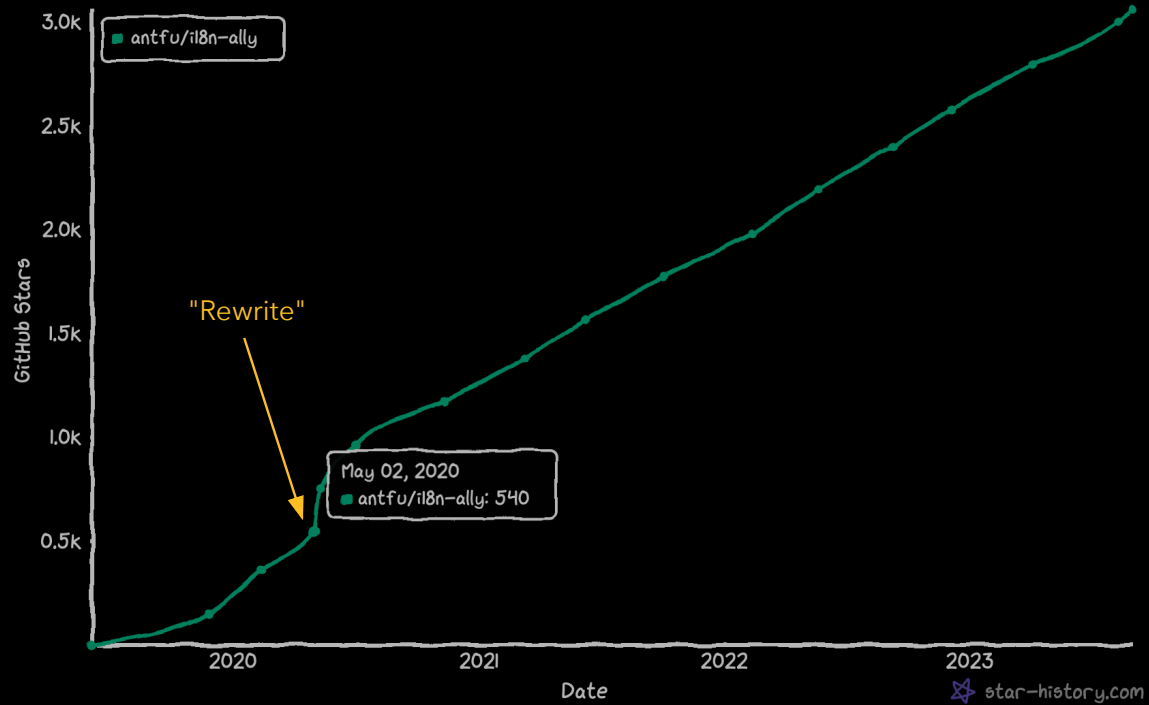
Vue i18n Ally

i18n Ally

Supported Frameworks



Star History

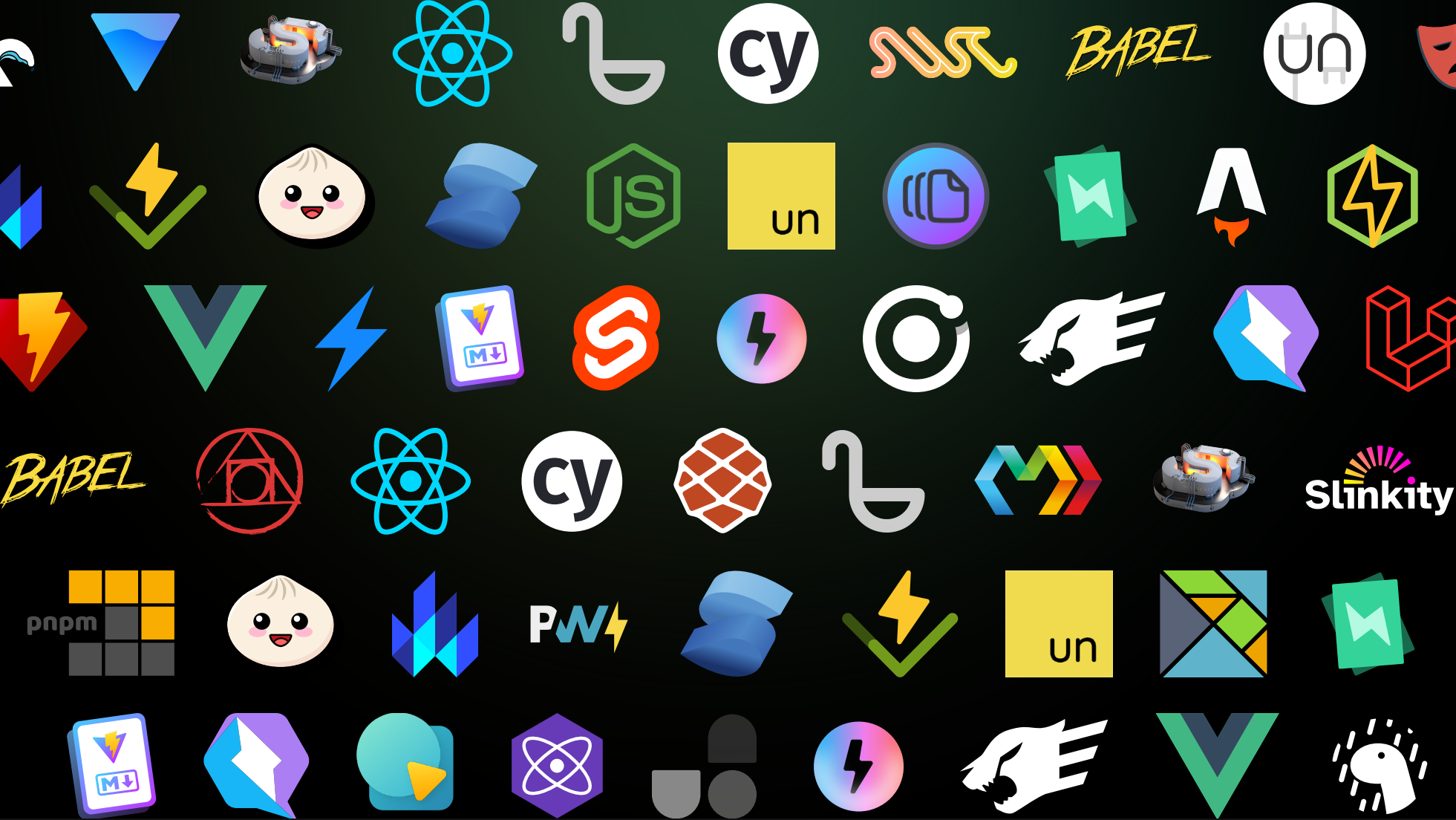




Opinionated Vue Tooling



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

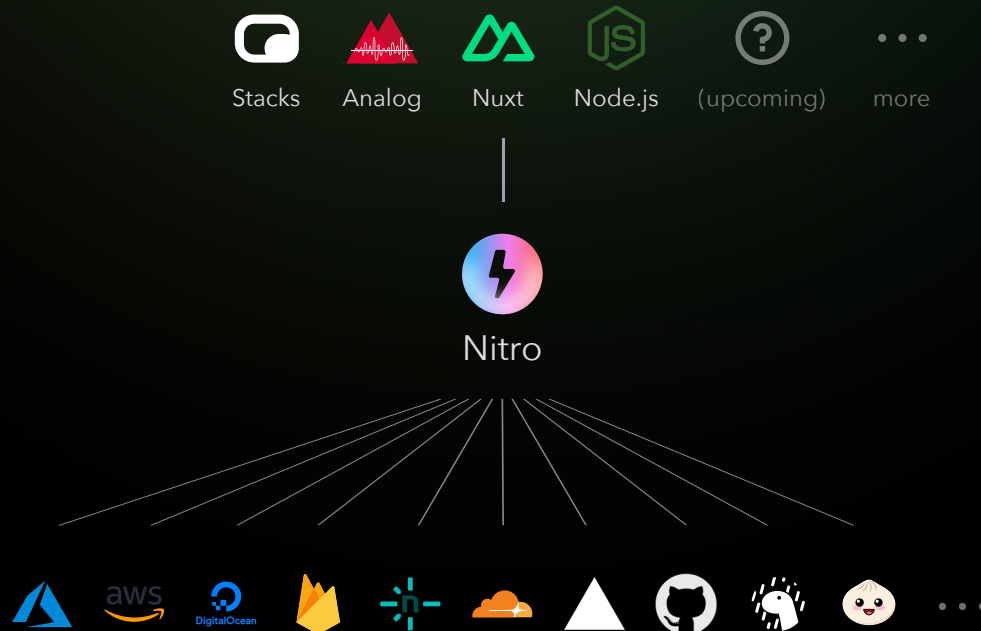
Developer Experience

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

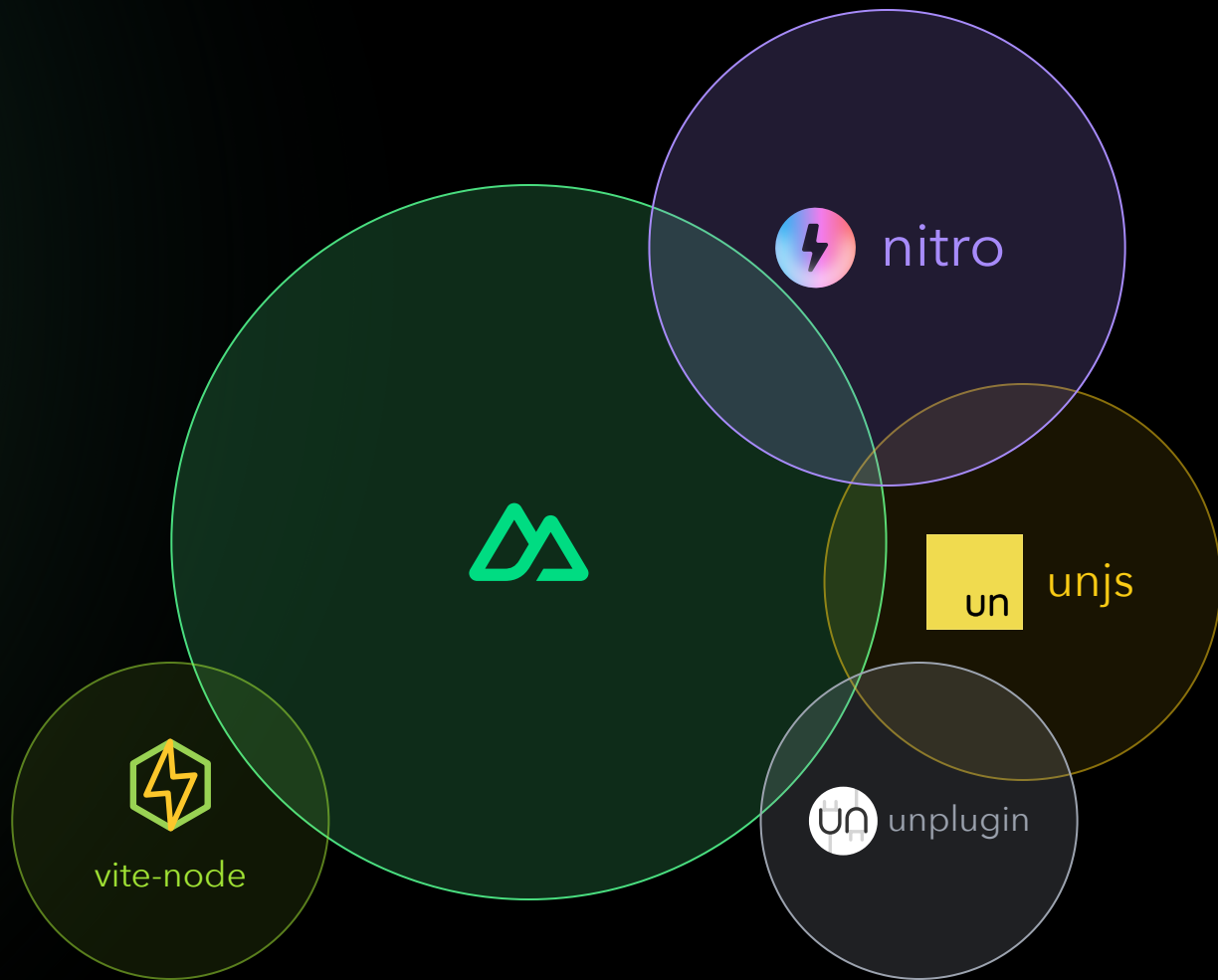


unplugin




The "Set Union"

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



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

Thank You!

Slides on antfu.me