

Now, and the Future of Nuxt DevTools

ANTHONY FU





Anthony Fu

Core team member of Nuxt, Vue and Vite.

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

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Reasons Why We Built Nuxt DevTools

TypeScript Serverless Server Components

Middleware Hybrid Rendering Composables Auto Imports

Modules Ecosystem Hot Module Replacement Nitro SEO

Nuxt Developer Experience

Server-side Rendering File-based Routing ESM First Vite Powered

Zero-config Edge Rendering Components Auto Imports

Static Site Generation Layouts Server API

Conventions

Abstractions

Sensible Defaults

Normalizations

Transparency

NuxtDevTools



Improve Transparency



Enhance Developer Experience



Performance & Bundle Analysis



Personalized Documentations



Interactive & Playful



Cross-browsers (works even for mobile!)



Extensible

In the Past 8 Months

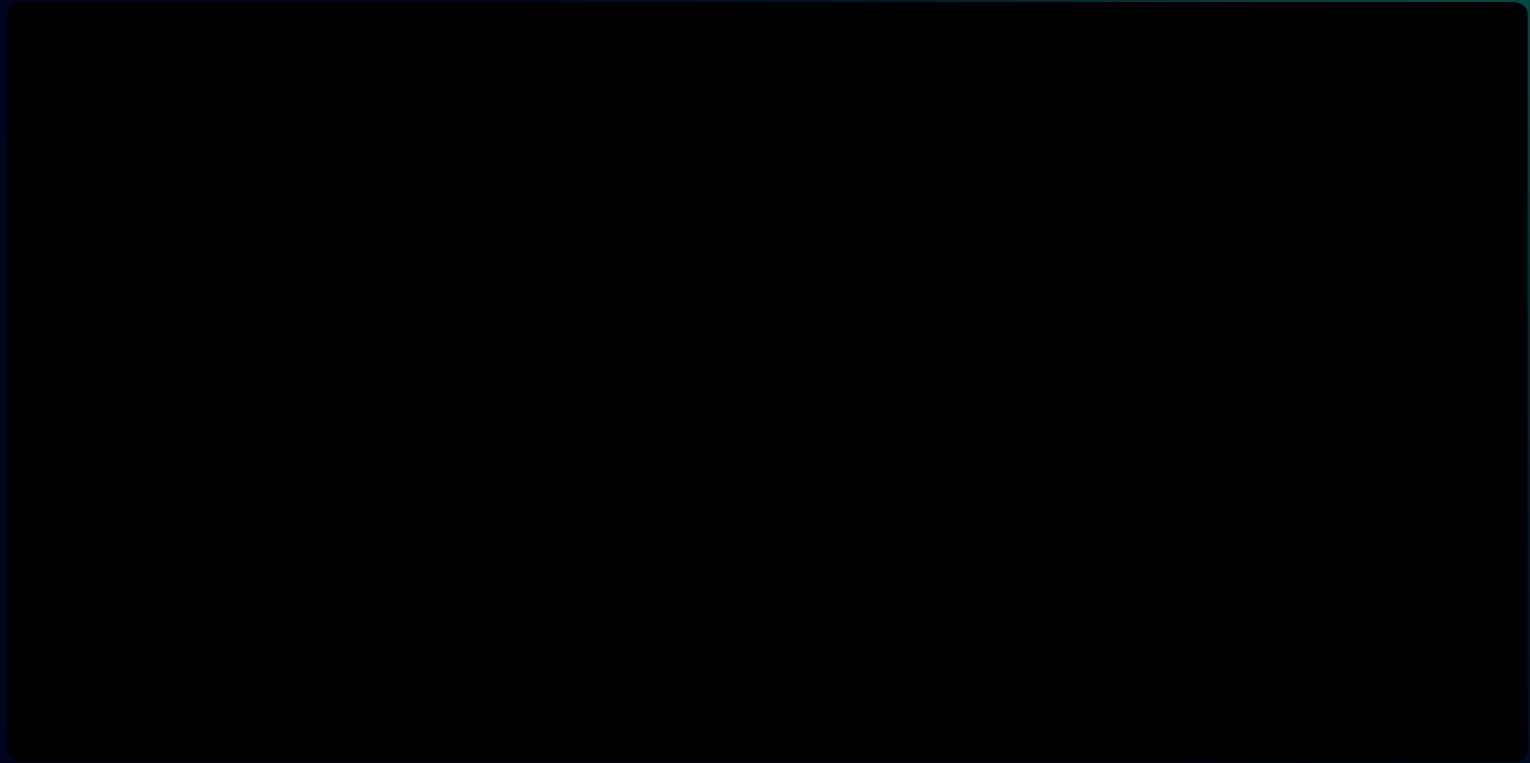
Since the Nuxt DevTools has announced

State of Nuxt DevTools

As of October 10th, 2023

- 504K** Monthly downloads on NPM
- 24%** Downloads of Nuxt 3
- 16K** Open Source projects dependents
- 2.3K** Stars on GitHub
- 18** Builtin tabs
- 53** Contributors
- 20+** Nuxt Modules integrates Nuxt DevTools

In App DevTools



Pages View



Components View



Auto Imports View



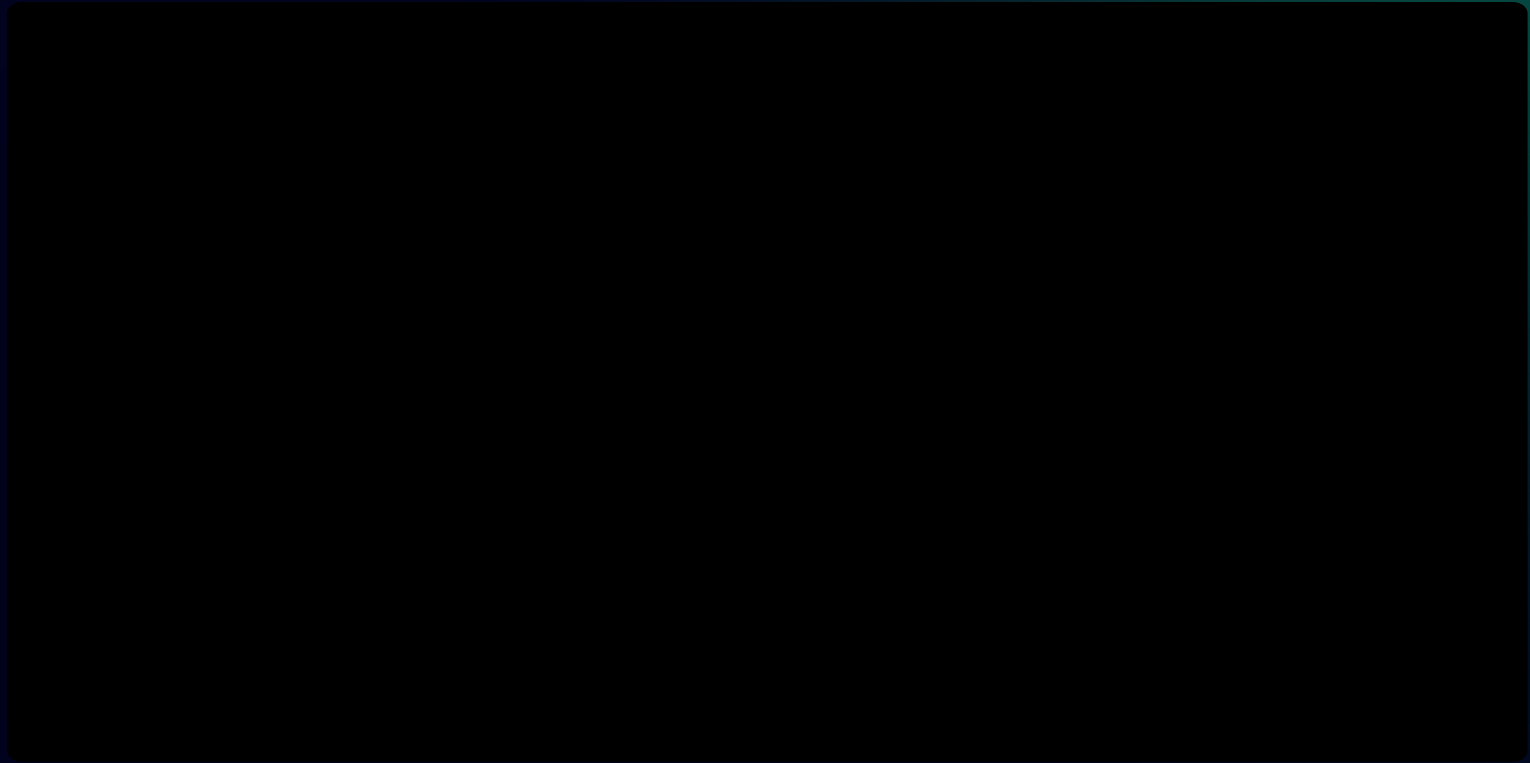
Modules Management



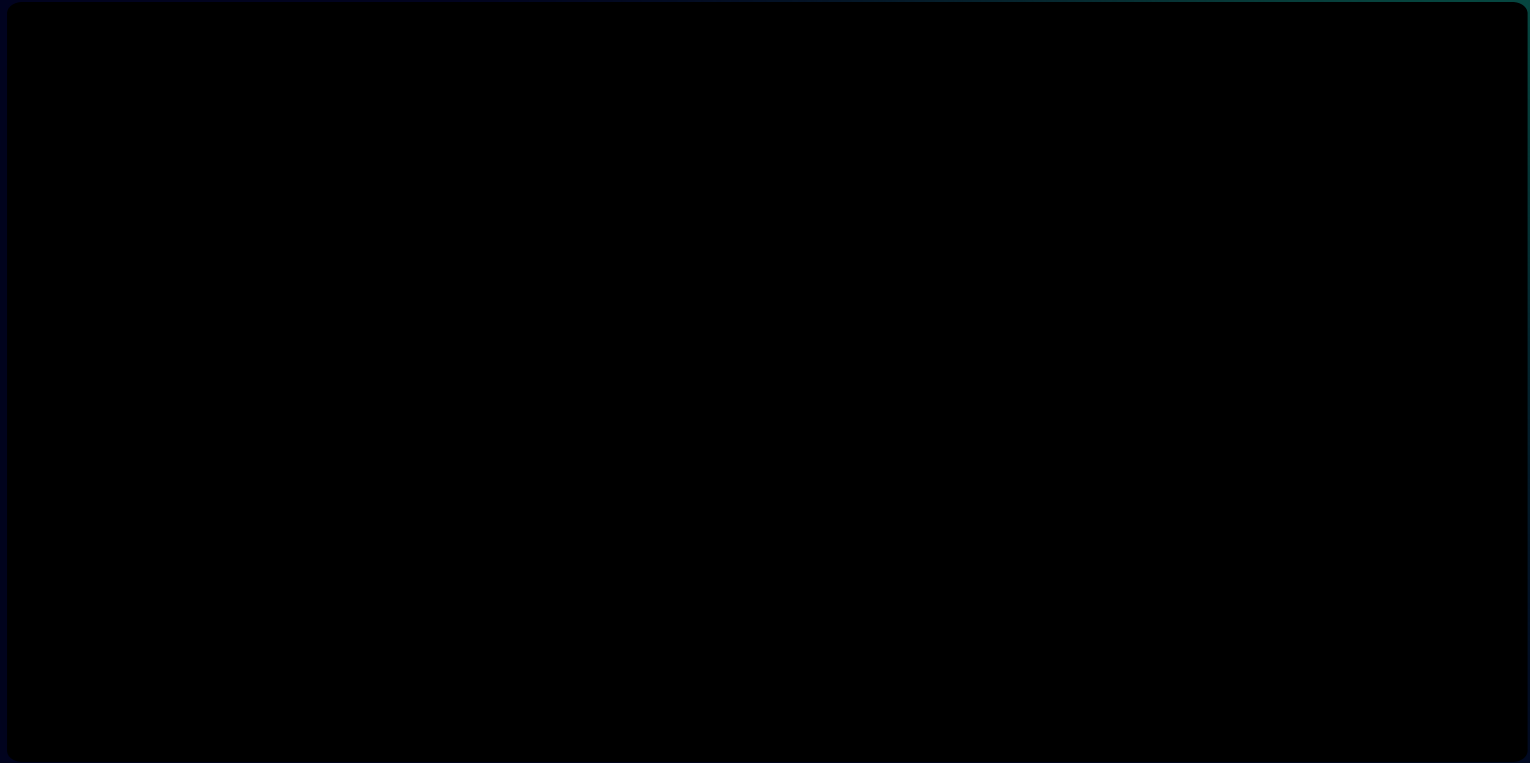
Static Assets Management



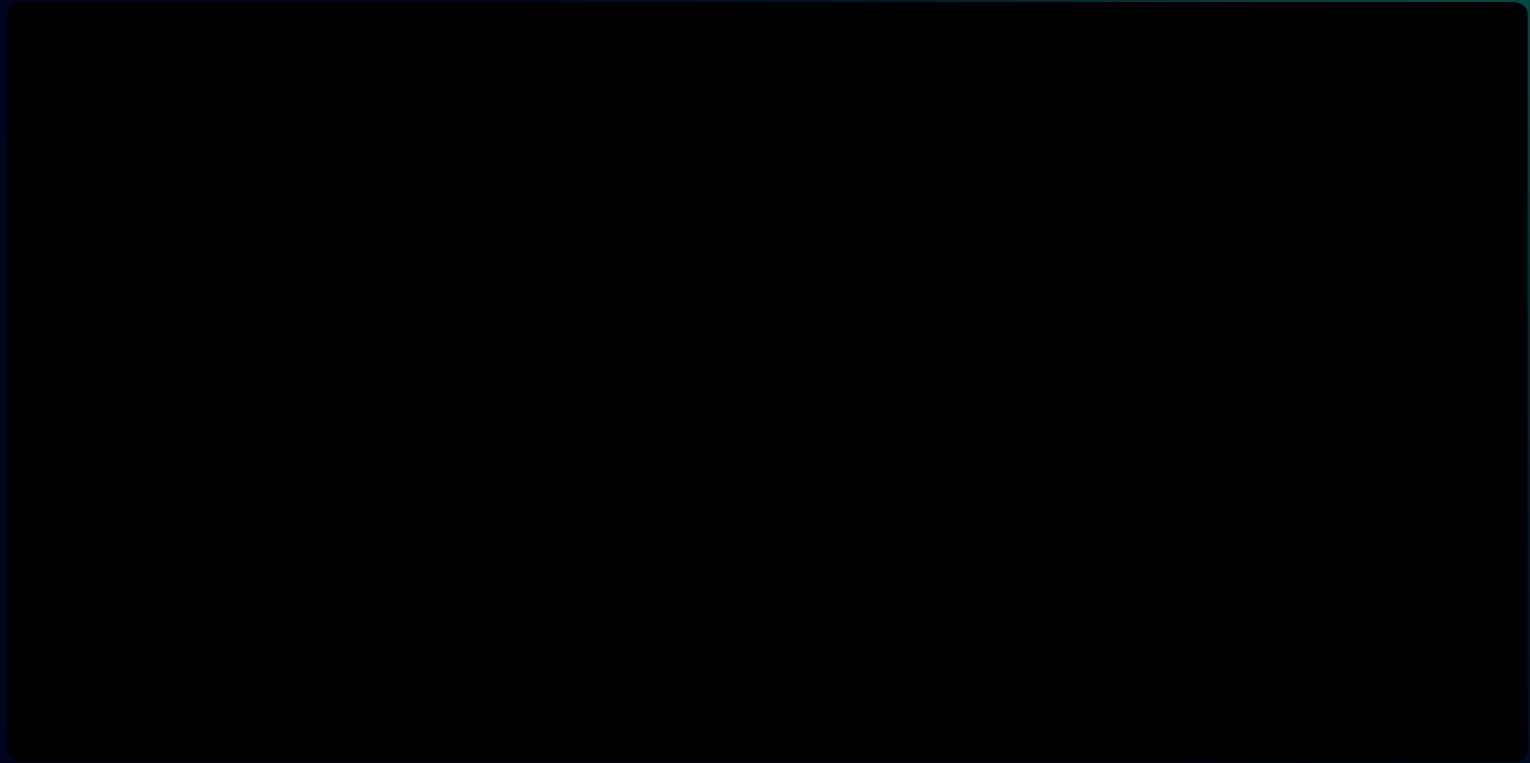
Runtime Configs Editor



Payload Editor



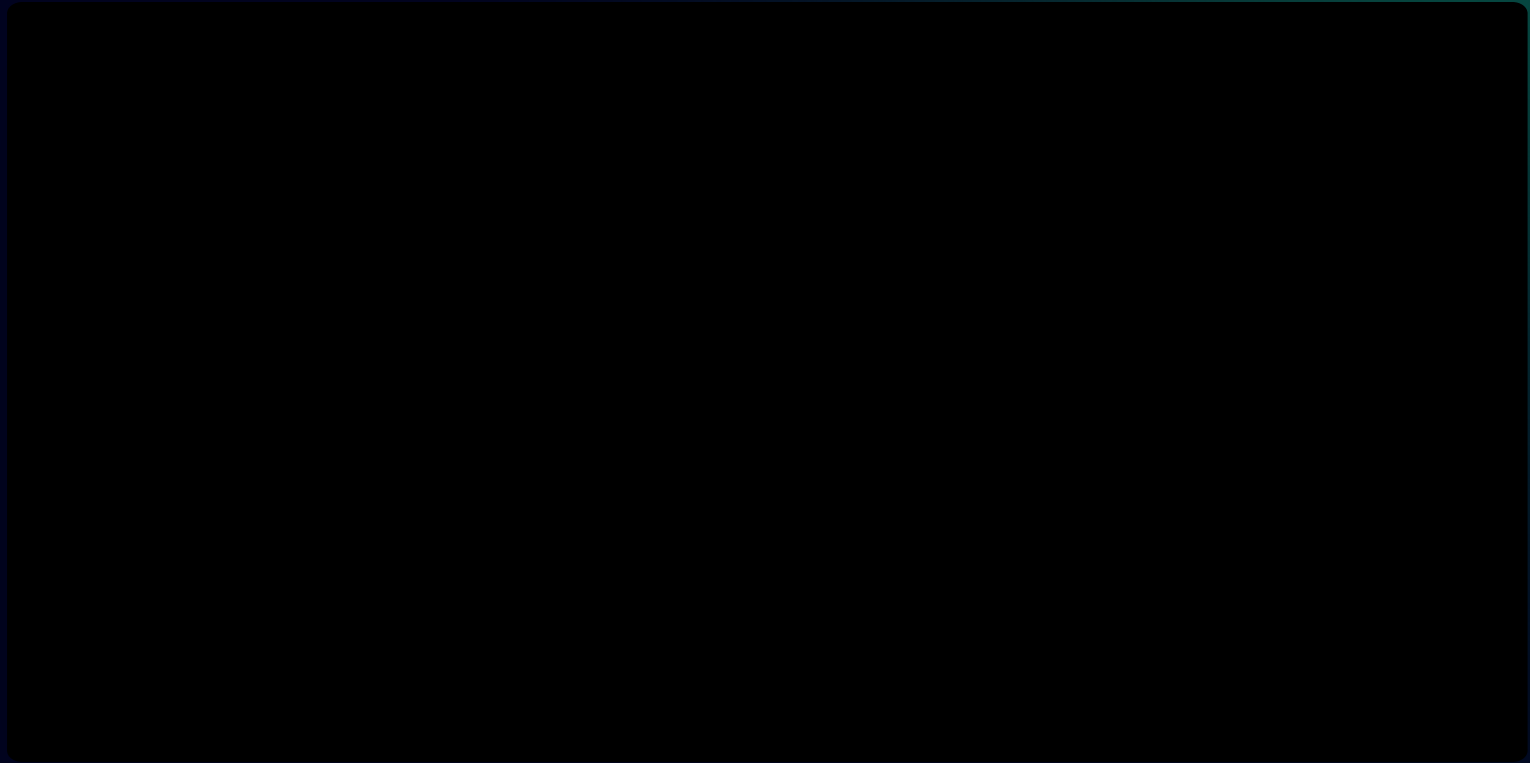
Open Graph Preview



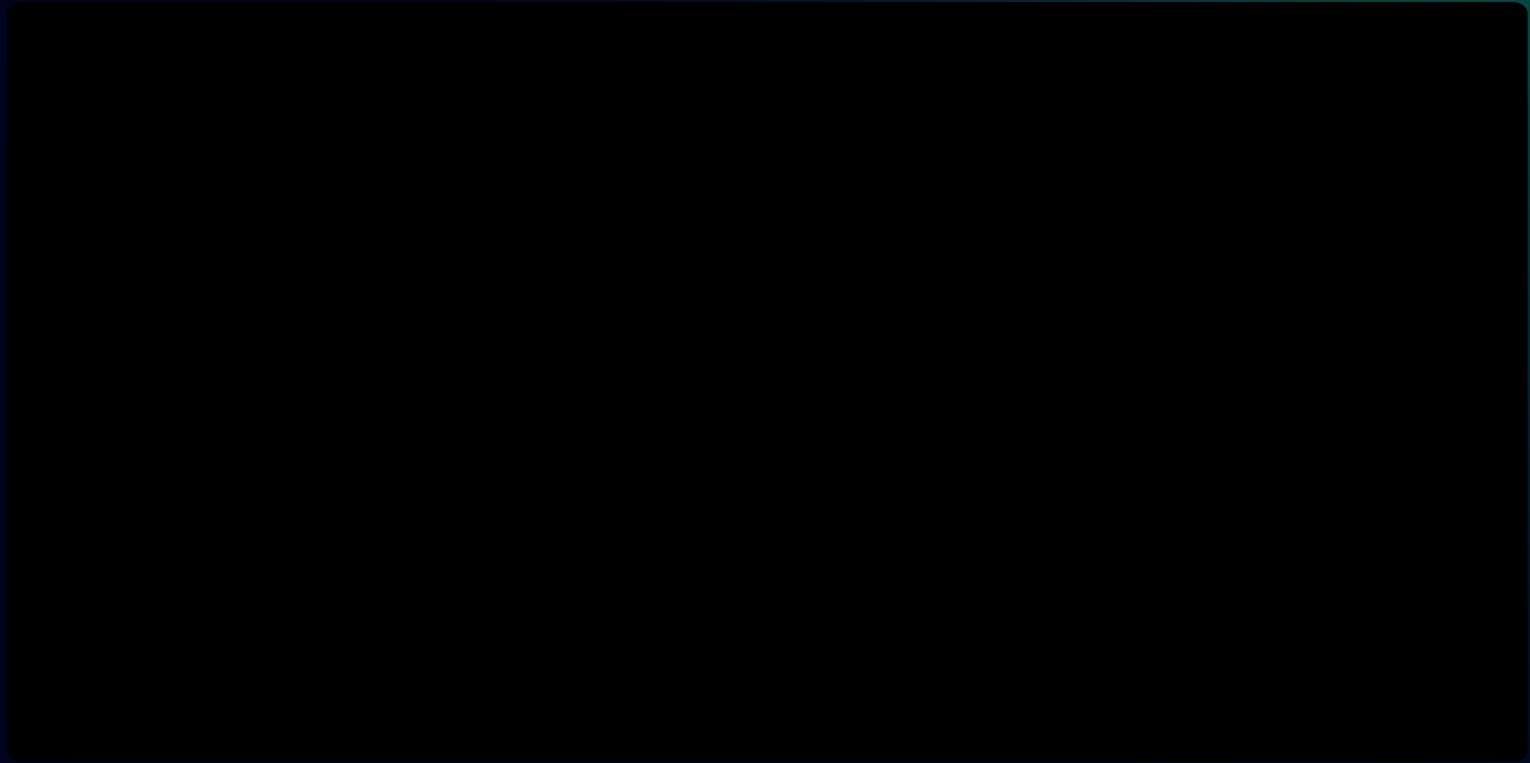
Plugins Overview



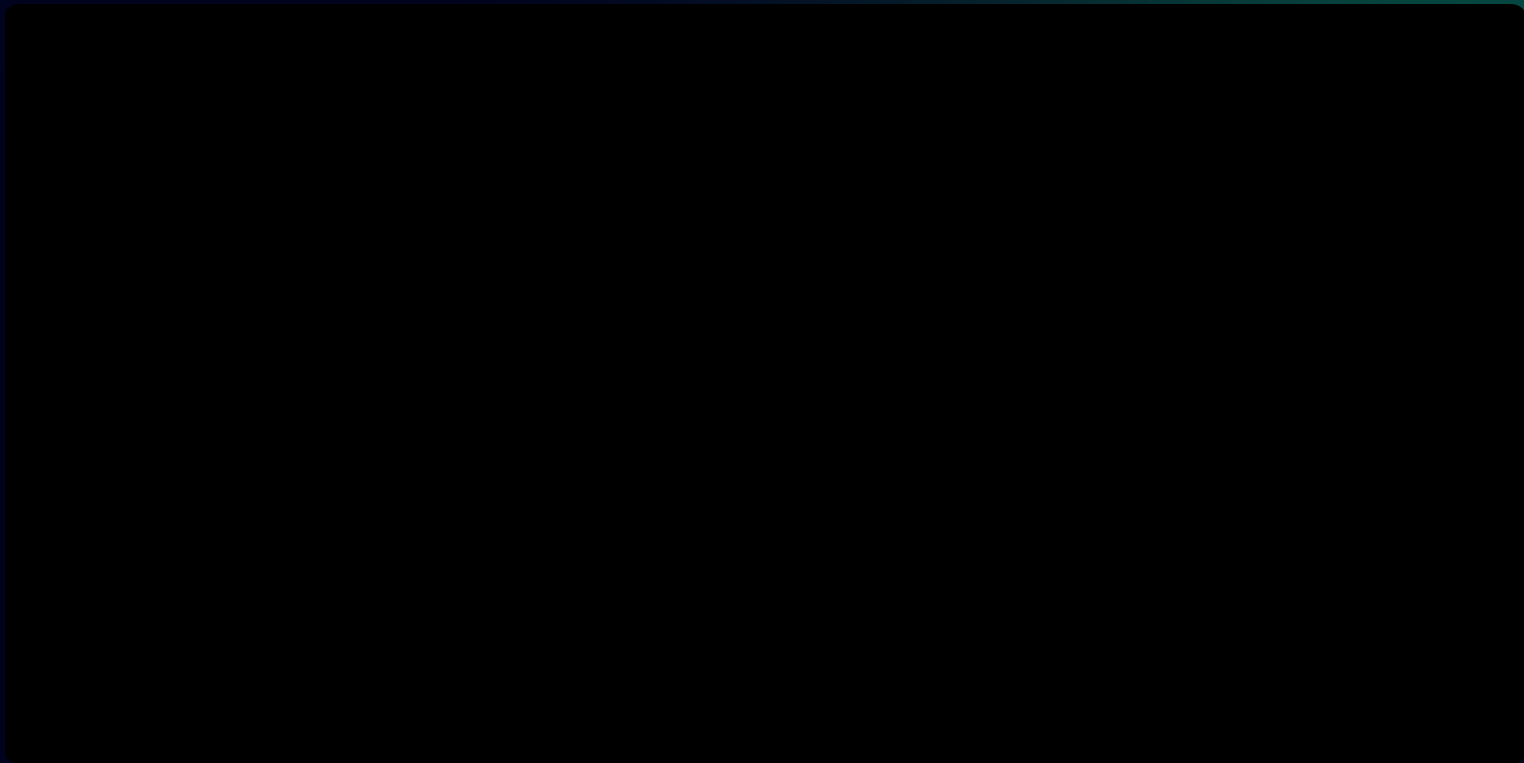
Timeline View ^{experimental}



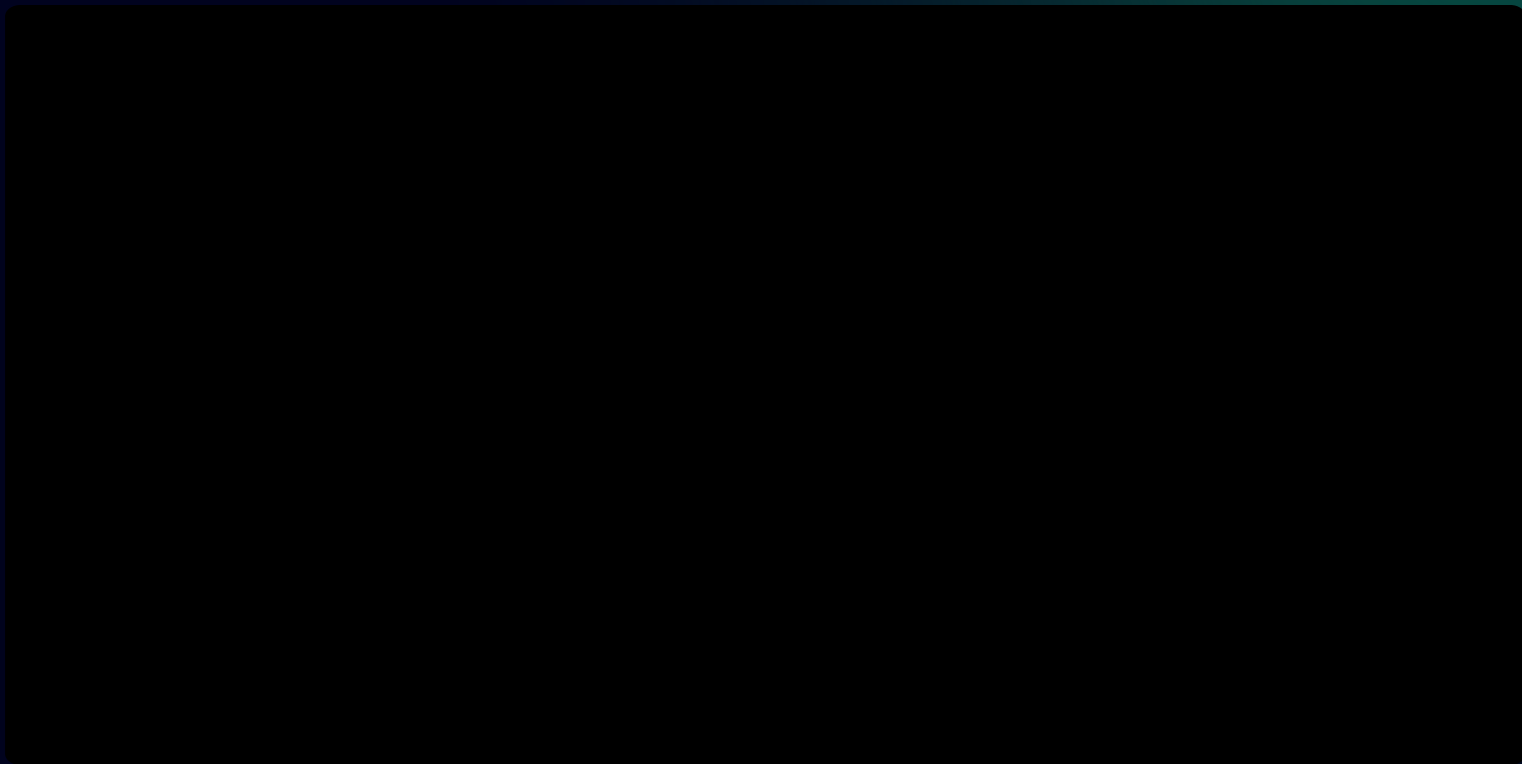
Production Build Analyzer



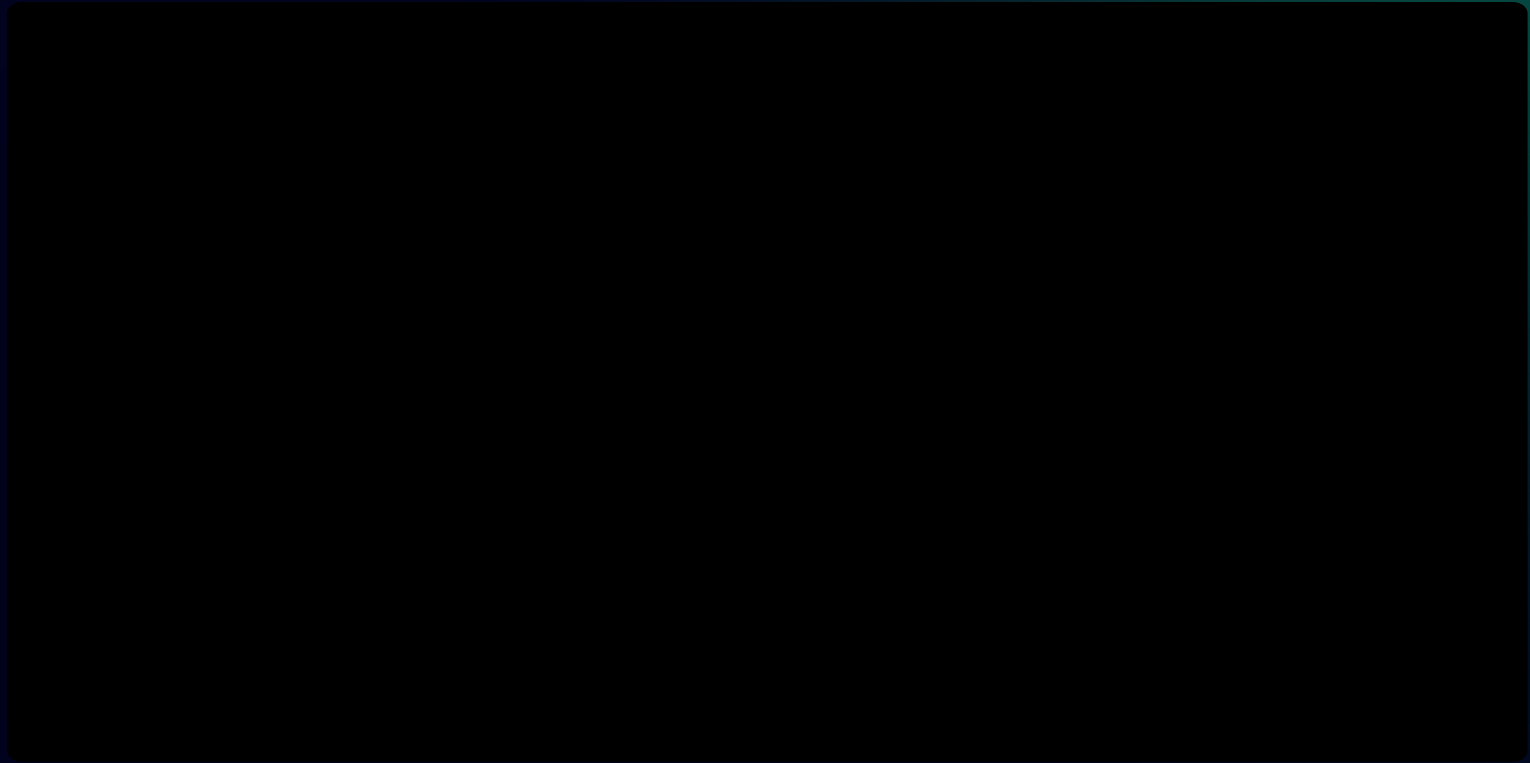
Server API Playground



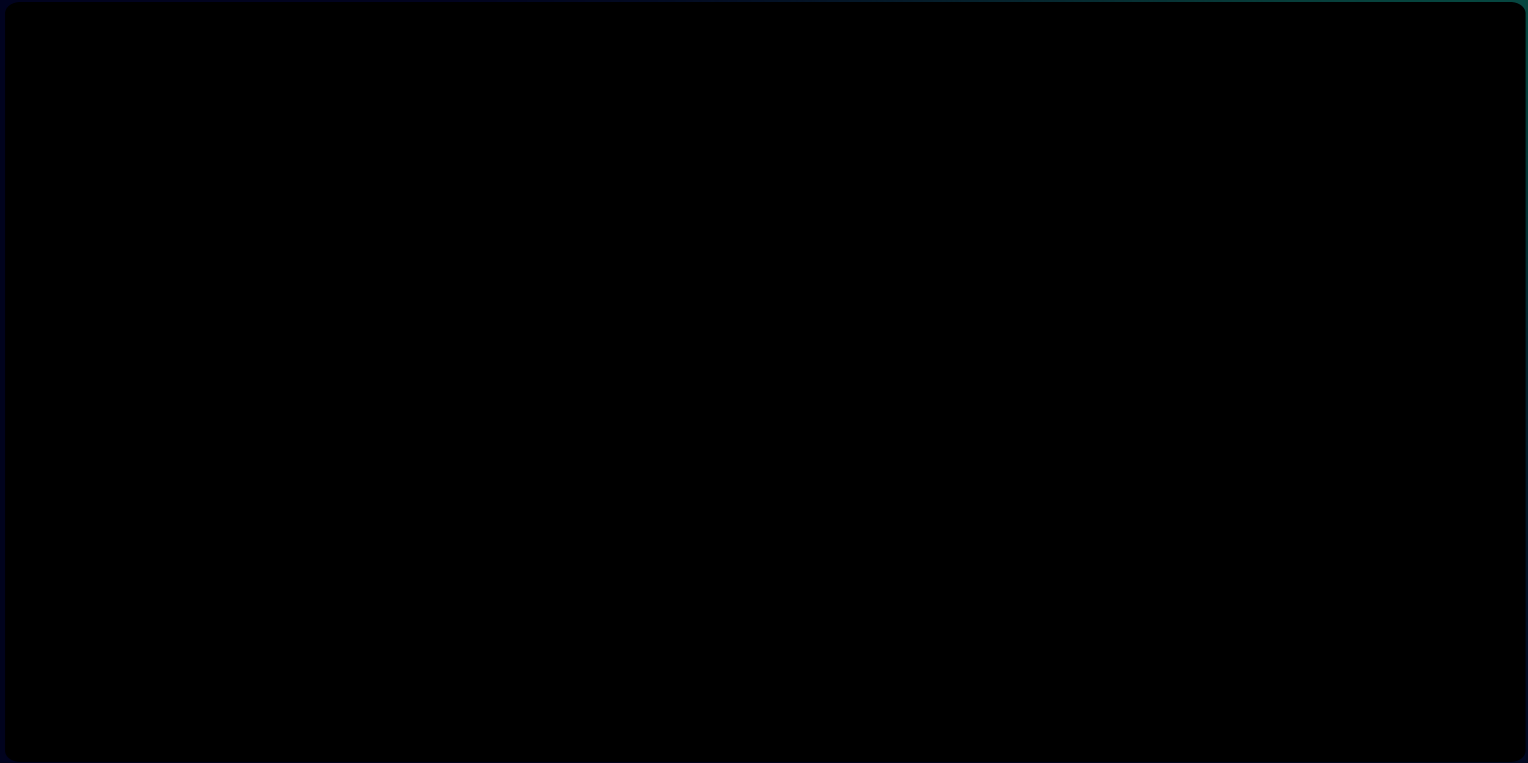
Embedded Full-feature VS Code



Components Inspector

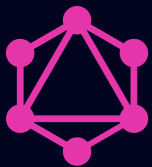


Split View







Community Modules

Have Integrated Nuxt DevTools already



Projects Inspired by Nuxt DevTools

-  [webfansplz/vite-plugin-vue-devtools](https://github.com/webfansplz/vite-plugin-vue-devtools)
-  [pheno-agency/vite-plugin-devtools](https://github.com/pheno-agency/vite-plugin-devtools) experimental
-  [Modern.js DevTools](https://github.com/modern-js-devtools/modern-js-devtools) work in progress
-  [Qwik DevTools](https://github.com/BuilderIO/qwik-devtools) work in progress

What's Next?

1.0

The logo consists of two interlocking triangles, one pointing up and one pointing down, forming a hexagonal shape. The triangles are a vibrant green color.

Nuxt DevTools

NuxtDevTools 1.0



Modules API Stability



UI Improvements



Ship and enable by default in Nuxt 3



Minimal distraction



One shortcut away



Seamlessly opt-in

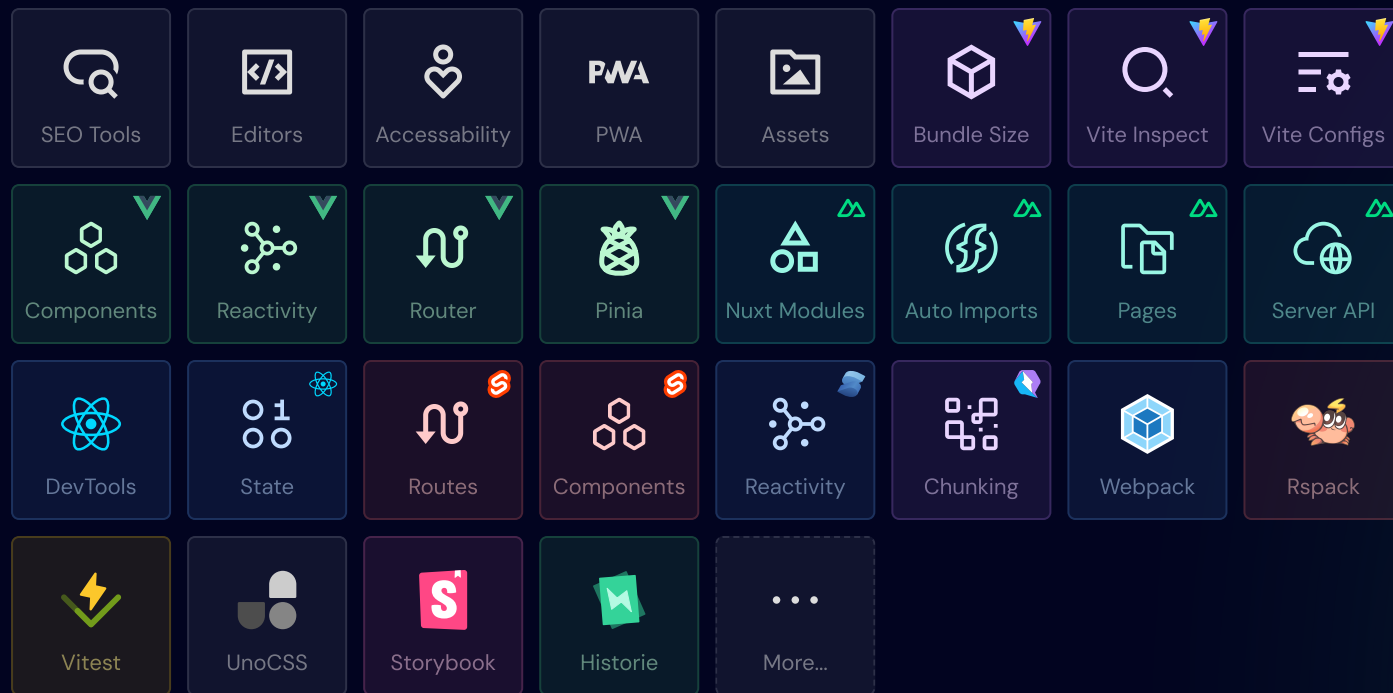
Nuxt DevTools 1.0 released Today

And will be shipped by default in Nuxt 3.8 soon

Upcoming

- Nuxt Accessibility Integration
- Pinia Playground
- Vue DevTools Integration
 - Reactivity Inspector
 - Render Tree
 - Props Editor
- "DevTools Kit"
 - A shared infra and conventions for building devtools

Modular, composable, collaborative.



Developer Experience

Key to Great Softwares

Thank You!

Slides on antfu.me