



beyond nuxt 4

MadVue

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hello 🖐️

🔺 nuxt.com • 🗑️ npmx.dev • ⚡ nitro.build • 🔄 page-speed.dev
🦄 regexp.dev • 🇦🇺 fontaine.sh • 🗑️ pangrum.com • 🦌 elk.zone • 📄 fc firstcommit.is

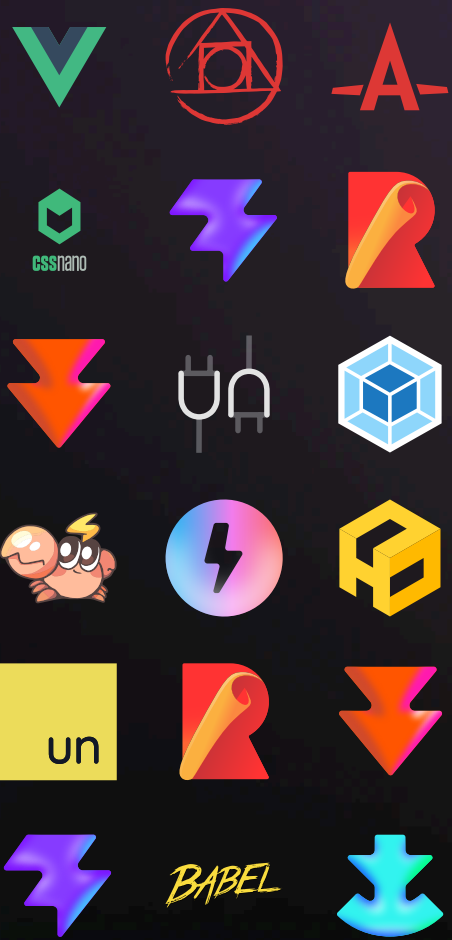




roe.dev/live



what is next?



0

MODULES

0

WEEKLY DOWNLOADS

0

GITHUB STARS

0

CONTRIBUTORS

0

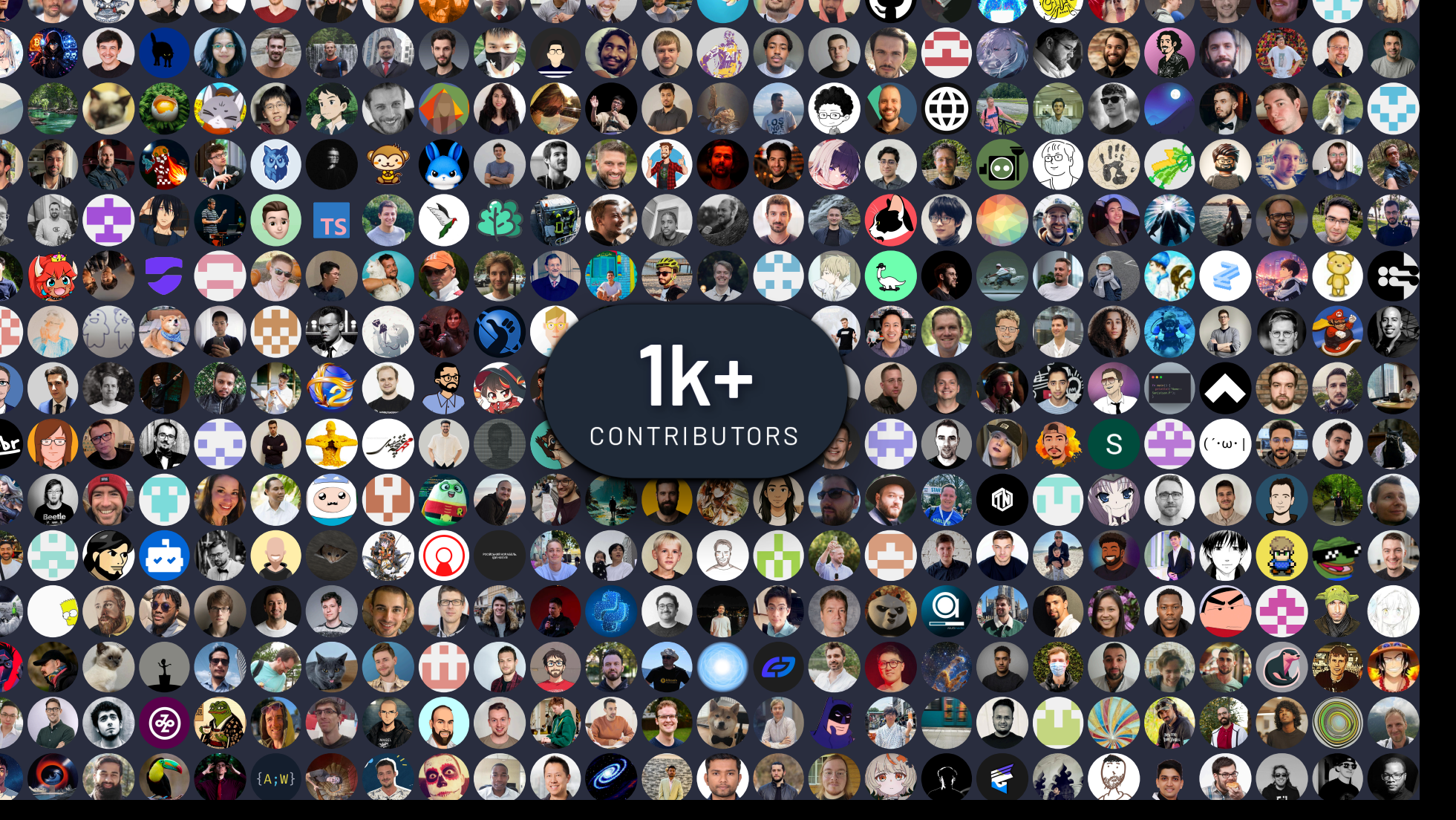
MAINTAINERS



● libraries · 62 ● ui · 60 ● extensions · 36 ● security · 24 ● devtools · 23 ● cms · 16 ● request · 15 ● seo · 14

● performance · 13 ● database · 12 ● analytics · 12 ● monitoring · 6 ● images · 6 ● css · 4 ● ecommerce · 3 ● fonts · 2

● ai · 2 ● payment · 2 ● deployment · 1



1k+
CONTRIBUTORS



CONTRIBUTORS.md > AGENTS.md



A photograph of a person standing on the peak of a mountain. A wooden staircase leads up the slope to the person. The background shows a large, misty mountain range under a grey sky. The foreground is a brown, grassy slope.

people come first

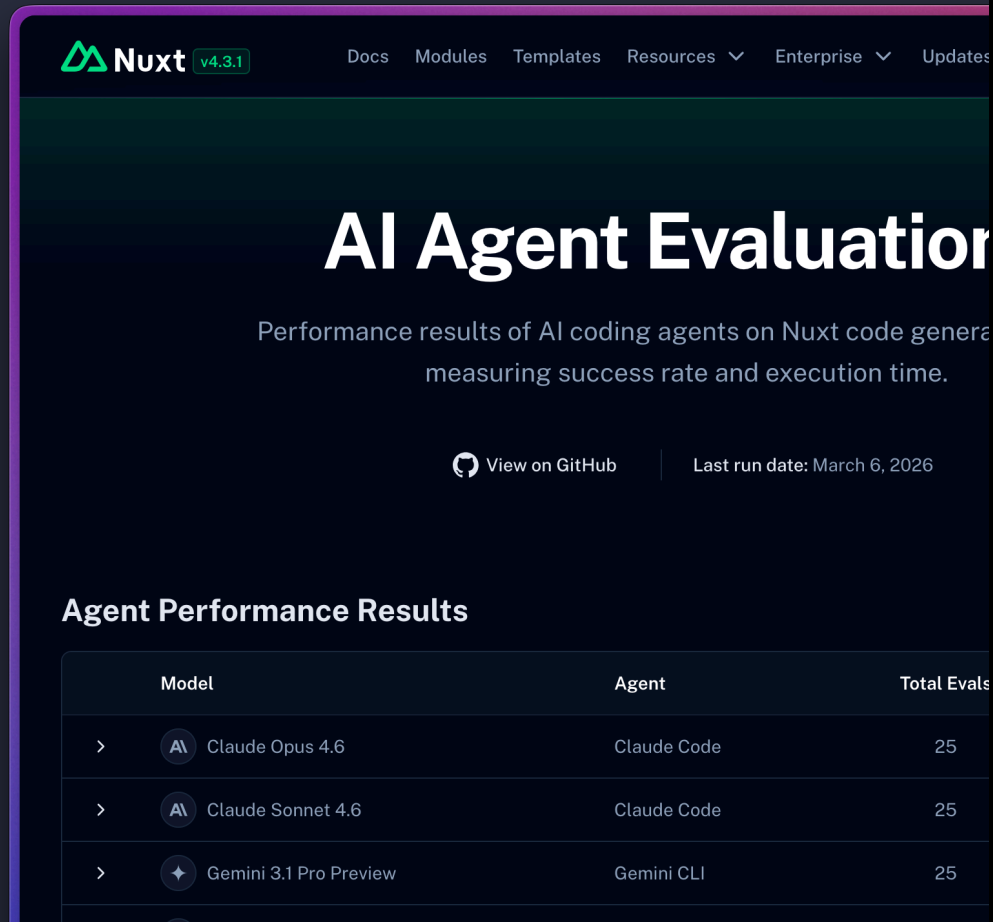
- ◆ intuitive
- ◆ open
- ◆ extensible
- ◆ iterative

but what about AI?



some principles

1. human-empowering
2. evidence-based
3. experimentation > perfection



The screenshot shows the Nuxt v4.3.1 website with a navigation bar containing links for Docs, Modules, Templates, Resources, Enterprise, and Updates. The main heading is "AI Agent Evaluation" with a subtitle: "Performance results of AI coding agents on Nuxt code generation tasks, measuring success rate and execution time." Below the heading, there is a "View on GitHub" button and a "Last run date: March 6, 2026" label. The "Agent Performance Results" section features a table with the following data:

Model	Agent	Total Evaluations
> AI Claude Opus 4.6	Claude Code	25
> AI Claude Sonnet 4.6	Claude Code	25
> ✨ Gemini 3.1 Pro Preview	Gemini CLI	25

nuxt 4.5

a focused minor, shipping soon

named views

```
app.vue
pages/
  users.vue
  users@sidebar.vue
  users@footer.vue
```

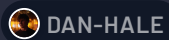
```
<!-- app.vue -->
<template>
  <header>
    <NuxtPage name="header" />
  </header>
  <main>
    <NuxtPage />
  </main>
  <footer>
    <NuxtPage name="footer" />
  </footer>
</template>
```

environment names



```
if (import.meta.envName === 'staging') {  
  // ...  
}
```

forward preload hints



```
<link rel="preload" as="fetch" crossorigin="anonymous" href="/product/_payload.json">  
<link rel="preload" as="image" href="/hero.jpg">
```

vue-bundle-renderer

nerd snipe from a memory issue

- ✦ ~400k unique pages, ~200 async components
- ✦ k8s restarting pods, repeatedly
- ✦ traced to an **unbounded cache** that grew with request cardinality


bounded LRU cache.

vue-bundle-renderer

memory and cpu 🔥

	status	impact
bounded LRU cache	merged	memory now stable on high-cardinality sites
manifest normalisation allocations	wip	est. 10-20% faster manifest-mode <code>createRenderer</code>
<code>parseResource</code> cleanup	wip	est. 15-30% faster per-file parsing
runtime micro-cleanups	wip	est. 5-12% faster <code>getRequestDependencies</code>
<code>dynamicImports</code> in precomputed mode	wip	correctness: closes a silent output divergence
build-time filter precomputation	planned	est. 5-15% faster per-request, ~35% smaller payload
per-asset rendered-fragment cache	planned	est. 50-80% faster <code>renderResourceHints</code>
relative-paths template + URL memo	planned	est. 30-50% faster in relative-paths mode

relative `app.baseUrl`

```
// nuxt.config.ts
export default defineNuxtConfig({
  app: {
    baseUrl: './',
  },
})
//  Electron, Tauri, anywhere offline
```

first-class desktop & mobile shell support

... and some other headlines

- ✦ **unhead v3** - streaming, tree-shakeable head management
- ✦ **rspack v2** - for the rspack-curious 🧐
- ✦ vite watcher reuse - less usage memory in dev

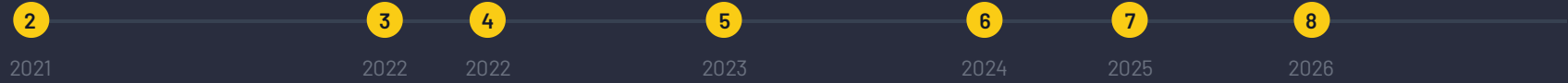
plus a stack of other fixes and perf improvements

 Schedule merge · May 28, 2026 ▼

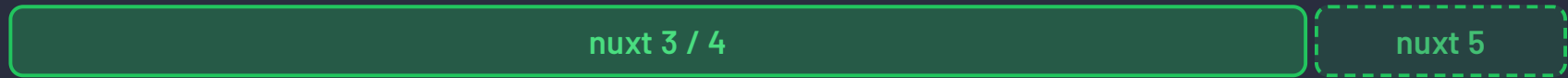
but the bigger question

what about **nuxt 5**?

VITE



NUXT



v5 lands on **Vite 8** and unflags the Environment API

progressive JS

- ✦ static
- ✦ islands
- ✦ vapor
- ✦ vdom


» the **cheapest** one that works ✨

how we decide

- ✦ compile-time analysis of each component
- ✦ heuristics
 - ▶ no scoped slots passing functions
 - ▶ no dynamic component edges escaping vapor
- ✦ opt-out per component
- ✦ audit trail in devtools



[nitrojs/nitro](https://nitrojs.com/nitro)

- ✦ nitro processes build output into a server
- ✦ with the vite builder, Nitro:
 - ▶ uses  [vite-node](https://vite-node.dev) in a separate thread
 - ▶ fetches and runs code from vite

vite environment api

- ✦ formalizes multiple environments
- ✦ single dev server
- ✦ per-environment module graphs + invalidation
- ✦ closes gap between dev and production

vite builder workflow

vite builder workflow

```
  initialise shared config
  call extend hook to add shared plugins
+ call per-environment hooks for backwards compatibility
- set up client config + call extend hook + configResolved hook
- start client server
- set up ssr config + call extend hook + configResolved hook
- start ssr server
- start nitro dev server
+ start dev server
```

nuxt as a vite plugin experimental

- ✦ for tools that expect that shape
- ✦ `nuxt` CLI is still the best DX

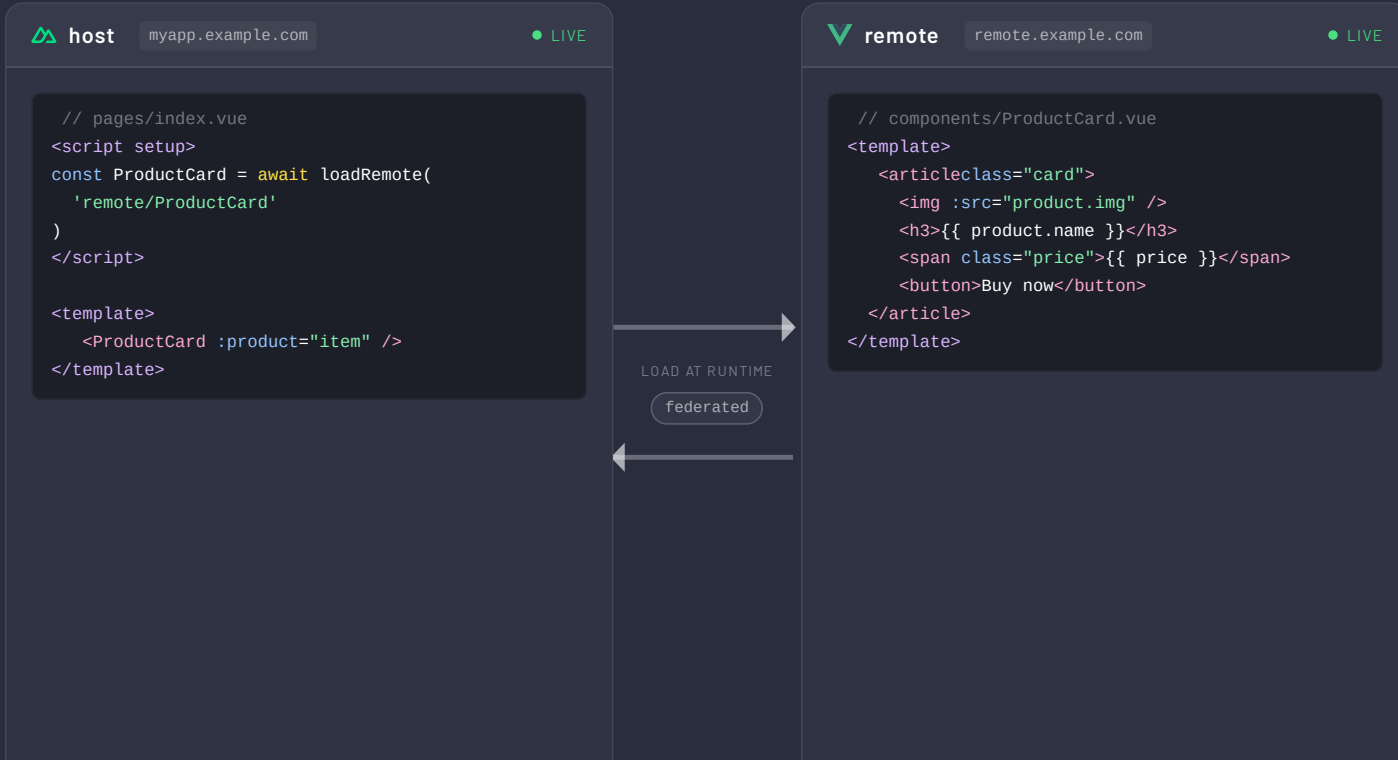
nuxt runtime mode

multiple nuxt apps, one runtime

- ✦ single `useNuxtApp()` instance on the client
- ✦ importing routes or components from different deployments
 - ▶ `/admin` , `/marketing` , `/app`
 - ▶ `<CheckoutButton />`

module federation for nuxt

with  NSTTT and  GIOBOA



typed everything

unjs/fetchdts

```
// pages, params and server routes share one type graph
const route = useRoute('/users/[id]') // ● typed params
const { data } = await useFetch(`/api/users/${route.params.id}`)
//      ^^^^ ● inferred from the server route
```

what we're removing

- ✦ `dotenv` - native `.env` parsing
- ✦ `jiti` - native TypeScript evaluation
- ✦ `citty` - native CLI parsing

what we're removing

cssnano · autoprefixer · @vitejs/plugin-vue-jsx

- ✦ moving to **optional peer deps**
- ✦ making nuxt lighter by default 🔥
- ✦ install on demand

```
> pnpm dev
$ nuxt dev
|
● Nuxt 5.0.0-29654382.18b66112 (with Nitro 3.0.260311-beta
3.5.34)

→ Local: http://localhost:3000/
→ Network: use --host to expose

→ DevTools: press Shift + Option + D in the browser (v3.2

i Missing package: cssnano

> Do you want to install cssnano?
● Yes / ○ No
```

nitro auto-imports

- ✦ explicit imports are friendlier to tooling
- ✦ opt back in if you want

prefetch defaults change

- ✦ **before:** prefetch links in viewport
- ✦ **after:** prefetch on interaction

graduating to default

✦ typed pages

✦ `scanPageMeta`

✦ `sharedPrerenderData`

✦ `appManifest`

✦ `viewTransition`

✦ `crossOriginPrefetch`

✦ `headNext` (unhead v3)

✦ `granularCachedData` / `purgeCachedData`

✦ `alwaysRunFetchOnKeyChange`

✦ `defaults.useAsyncData.deep`



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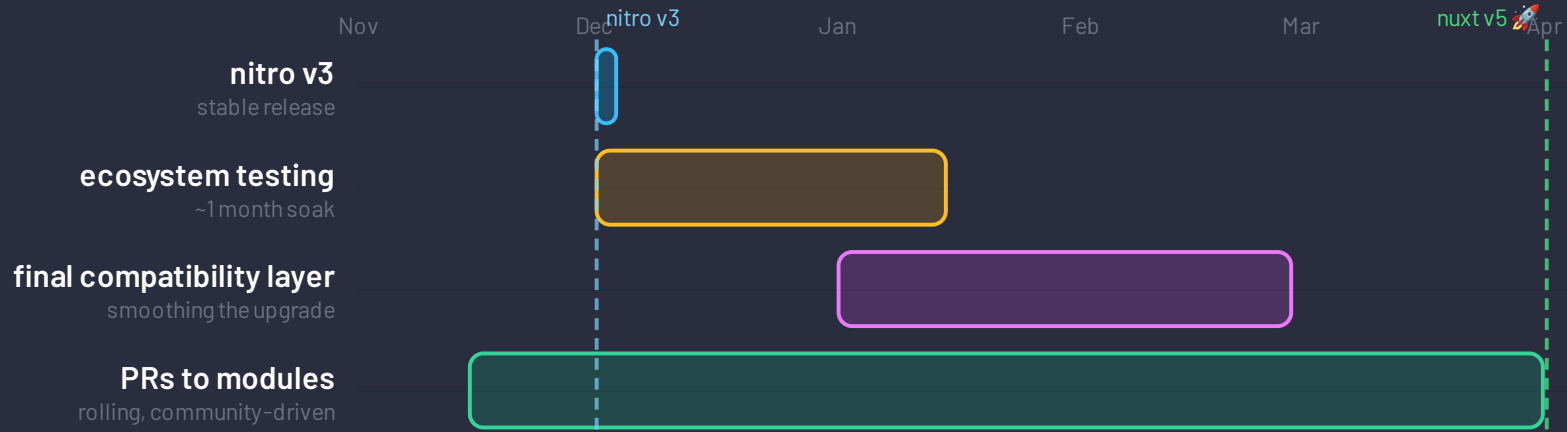
what are people's questions about nuxt v5? 🗨️

i will answer them at @madvue.es tomorrow

21 May 2026, 04:09



when?



... so let's have a look.



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interested ... ?

- ◆ check out the docs on nuxt.com
- ◆ follow [@nuxt.com](https://bluesky.com/@nuxt.com) on Bluesky
- ◆ join chat.nuxt.dev to discuss

