



State of Nuxt 2024

Looking Forward

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hello 

 nuxt.com •  page-speed.dev •  regexp.dev •  fontaine.sh
 elk.zone •  firstcommit.is •  webtoo.is •  roe.dev

 Experts  Microsoft®
Most Valuable
Professional





- ◆ **scope** and **time**
- ◆ the importance of **ecosystem**

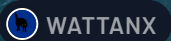
- ◆ reliance on **internals**
- ◆ repairing a **moving car**

The road to Nuxt 3

nuxt/bridge

a forward-compatibility layer to enable migrating to Nuxt 3

- ◆ Options API → composables + runtime API
- ◆ `webpack` → `vite`
- ◆ `connect` → `nitropack`
- ◆ `vue-meta` → `unhead`

👉 release schedule and end-of-life 

I will use Nuxt Bridge



62



50.7 k

★ STARS

2.84 MILLION

📈 DOWNLOADS

60 %

📊 NUXT 3 VS NUXT 2



600+
CONTRIBUTORS

nuxt.com/modules

broader ecosystem

200+
MODULES

164
MAINTAINERS

1,132
CONTRIBUTORS

11,648,602
DOWNLOADS

129,535
STARS

```
const { stats } =  
  await $fetch('https://api.nuxt.com/modules')
```



Nuxt Modules

Discover our list of modules to supercharge your Nuxt project. Created by the Nuxt team and community.

📖 Module Author Guide

+ List a module

Nuxt Image

Plug-and-play image optimization.

Nuxt DevTools

Visual tools that help you to know your app.

Categories

- Analytics
- CMS
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- Fonts
- Images
- Libraries
- Monitoring
- Payment
- Performance

🔍 Search... /



devtools



Unleash Nuxt Developer Experience. A set of visual tools that help you t...

📄 1.4M ⭐ 2.6K 🗨️ 29












pinia


The Vue Store that you will enjoy using

📄 977.8K ⭐ 12K 🗨️ 26



UI library explosion!

- ✦ nuxt/ui and 💰 nuxt/ui-pro  BENJAMINCANAC
- ✦ primevue  PRIMEFACES
- ✦ element-plus  ELEMENT-PLUS
- ✦ maz-ui  LOUISMAZEL
- ✦ quasar  MAIQUU
- ✦ vuetify  INVICTUS-CODES · USERQUIN
- ✦ tailvue  FUMEAPP
- ✦ ant-design-vue  VUECOMPONENT
- ✦ vue3-stc  EPICMAXCO

- ✦ vant  VANT-UI
- ✦ inkline  INKLINE
- ✦ ark-ui  IAMDIN
- ✦ arco-design  WIIDEDE
- ✦ vexip-ui  VEXIP-UI
- ✦ vunix  GAETANSENN
- ✦ varlet  VARLETJS
- ✦ 💰 Lunar UI  LEPIKHINB
- ✦ ... and so many more



roe.dev/feedback

325

- High regard for Developer Experience (DX): Many users praised the DX, noting that Nuxt makes building web applications faster, easier, and more enjoyable.
- Positive sentiments towards Nuxt's power and efficiency: Users commended Nuxt for its performance, efficiency, and feature set.
- Some concerns about migration: A few users expressed trepidation about migrating from Nuxt 2 to Nuxt 3, indicating a potential area for improvement.
- Interest and curiosity about the future of Nuxt: Several feedback indicates users' curiosity about what the future holds for the framework, reflecting high user engagement.
- Mixed reactions to comparisons with other frameworks: While quite a few users celebrated that Nuxt is better than other frameworks like Next.js or Angular, some noted they couldn't compare having not used these others.

In summary, the feedback is primarily positive with users praising Nuxt for its developer experience, power, and future potential. However, the point about migration difficulties points to a potential area for focus and improvement.



Looking back

- ◆ unifying Nuxt codebase
- ◆ focus on key modules + ecosystem
- ◆ developer experience priority
- ◆ stable release cycle
- ◆ migration

OBJECTS IN MIRROR ARE
CLOSER THAN THEY APPEAR



Nuxt Vision 2024

Balancing stability

prioritising planning and reliability

- ✦ reliable release schedule
- ✦ tested with nuxt/ecosystem-ci

github.com

nuxt / ecosystem-ci 17 ✓

Type to search

<> Code 1 Issues Pull requests Actions Settings

< nuxt-ecosystem-ci

✖ nuxt-ecosystem-ci #104

Summary

Jobs




- ✓ test-ecosystem (starter)
- ✓ test-ecosystem (content)
- ✓ test-ecosystem (image)
- ✓ test-ecosystem (pinia)
- ✓ test-ecosystem (examples)
- ✓ test-ecosystem (bridge)
- ✓ test-ecosystem (nuxt-vitest)
- ✓ test-ecosystem (vite-pwa)
- ✖ test-ecosystem (docus)
- ✓ test-ecosystem (og-image)
- ✖ test-ecosystem (histoire)
- ✓ test-ecosystem (elk)
- ✓ test-ecosystem (devtools)
- ✓ test-ecosystem (module-buil...)
- ✓ test-ecosystem (sanity-modu...)

test-ecosystem (starter)
succeeded last week in 3m 2s




- > ✓ Set up job
- > ✓ Run actions/checkout@v3
- > ✓ Run actions/setup-node@v3
- > ✓ Run corepack enable
- > ✓ Run pnpm --version
- > ✓ Run pnpm i --frozen-lockfile
- > ✓ Run pnpm tsx ecosystem-ci.ts --branch main --repo nuxt/nuxt starter
- > ✓ Run pnpm tsx discord-webhook.ts
- > ✓ Post Run actions/setup-node@v3
- > ✓ Post Run actions/checkout@v3
- > ✓ Complete job

Balancing stability with innovation ✨


allowing space for new development
















- ✦ server components  HUANG-JULIEN with deep reactivity
- ✦ app manifests  DANIELROE and build caching  PIO
- ✦ View Transitions API and automatic reload and state restoration
- ✦ zero-JS and zero-Vue runtime modes ⚡
- ✦ inline route rules (with `defineRouteRules`) and build-time metadata extraction
- ✦ 👉 multi-app support, a.k.a Nuxt 'module federation'

Balancing stability with innovation ✨


- ✦ nuxt/test-utils  DANIELROE · ANTFU working within `vitest` ecosystem  SHEREMET-VA
- ✦ collaborating with  ECOSYSTEM-CI
- ✦ forward compatibility: `future` and `features` namespaces
- ✦ 👉 downstream testing action
- ✦ 👉 incremental code migration
- ✦ 🙏 an invitation to feedback + testing

Balancing stability with innovation ✨

'Baseline features' and  WEB-PLATFORM-DX

 Baseline Widely available	    ^
 Baseline 2022 NEWLY AVAILABLE	    v
 Limited availability	    v

Balancing stability **with innovation** ✨

- ✦ built-in, cross-platform WebSocket support
- ✦ WebAssembly possibilities
- ✦ new JS runtimes and deployment targets
- ✦ collaborating with  **GOOGLECHROMELABS** Aurora team on performance

Balancing stability with innovation ✨

- informative usage information with

[nuxt/telemetry](#)



PI0 · DANIELROE · ATINUX

- evaluating impact from real-world projects

http.
archive

The screenshot shows the NuxtOSS interface. On the left is a navigation menu with options like Overview, Data Flow, Playground, Time Series, Tokens, and DATA PROJECT. Under DATA PROJECT, there are 16 pipes listed, including 'nuxt_devtools_active_tabs'. The main content area shows the configuration for the 'nuxt_devtools' data project, which has no dynamic parameters. Below that, the 'nuxt_devtools_active_tabs' pipe is shown with a SQL query and a table of results.

```
1 SELECT
2   tab,
3   count(tab) as total,
4   count(distinct(context_projectHash)) as total_projects
5 FROM telemetry_v1_event_devtools where event == 'tab'
6 group by tab
7 order by total desc
```

35.01MB processed, (662.33k rows x 3 columns) in 24.69ms [View chart in Vega](#)

tab	total	total_projects
modules-pages	10199	4014
modules-components	8918	3712



Minimal philosophy

... and maximal possibility.

so what about Nuxt 4?

- ◆ ~~HYPE~~
- ◆ **thoughtful** breaking changes
- ◆ opt-in **and out**
- ◆ focus on **migration** experience





friendly collaboration

'centre-bounded'





ecosystem

ROUTING

- ✦ vue-router
- ✦ universal routing

DEPLOY

- ✦ alwaysdata
- ✦ aws lambda
- ✦ aws amplify
- ✦ azure
- ✦ cleavr
- ✦ cloudflare
- ✦ deno deploy
- ✦ digitalocean
- ✦ edgio
- ✦ firebase
- ✦ flightcontrol
- ✦ github pages
- ✦ heroku

✦ iis

- ✦ koyeb
- ✦ netlify
- ✦ platform.sh
- ✦ render.com
- ✦ stormkit
- ✦ vercel
- ✦ zeabur

TESTING

- ✦ jest
- ✦ vitest
- ✦ playwright
- ✦ cypress
- ✦ cucumber

STORIES

- ✦ storybook
- ✦ histoire

KV AND CACHE

- ✦ azure
- ✦ browser
- ✦ capa
- ✦ pref
- ✦ cloudi
- ✦ filesystem
- ✦ github
- ✦ http
- ✦ lru cache
- ✦ memory
- ✦ mongodb
- ✦ netlify blobs
- ✦ overlay

✦ planetscale

- ✦ redis
- ✦ vercel kv

DATABASES

- ✦ bun sqlite
- ✦ postgres d1
- ✦ planetscale
- ✦ postgresql
- ✦ sqlite
- ✦ turso
- ✦ vercel

IMAGES

- ✦ aliyun
- ✦ aws amplify
- ✦ bunny
- ✦ caisy
- ✦ cloudflare
- ✦ cloudimage
- ✦ cloudinary
- ✦ contentful
- ✦ directus
- ✦ edgio
- ✦ fastly
- ✦ glide
- ✦ gumlet
- ✦ hygraph
- ✦ imageengine
- ✦ imagekit
- ✦ imgix

✦ ipx



- ✦ netlify
- ✦ prepr
- ✦ prismic
- ✦ sanity
- ✦ sirv
- ✦ storyblok
- ✦ strapi
- ✦ twicpics
- ✦ unsplash
- ✦ uploadcare
- ✦ vercel
- ✦ weserv

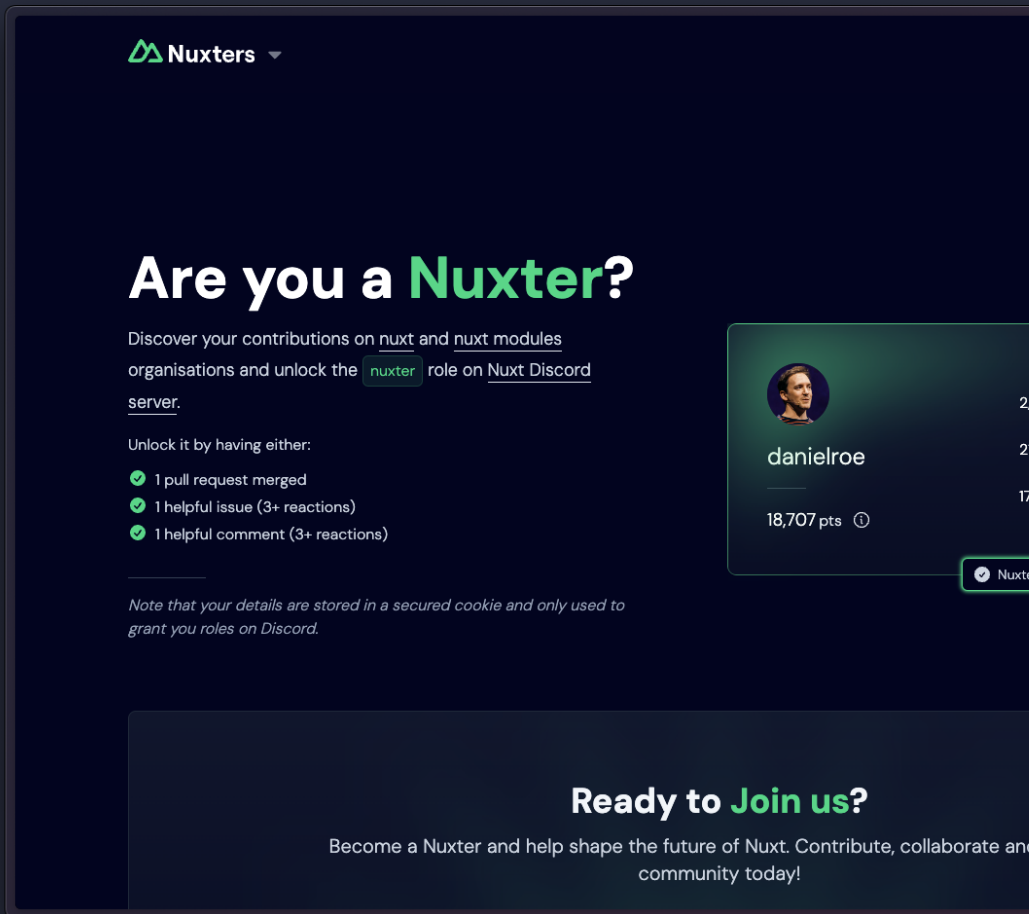
FONTS

- ✦ google
- ✦ bunny
- ✦ fontshare
- ✦ local

90+
PROVIDERS

a welcoming community

- ✦ a new website  BENJAMINCANAC · ATINUX
- ✦ better access to syntax and API usage  ANTFU
- ✦ Discord and GitHub for help and contribution
- ✦ we want to recognise you at nuxters.nuxt.com
- ✦ ... and a final offer 🙏



Nuxters ▾


Are you a Nuxter?

Discover your contributions on [nuxt](#) and [nuxt modules](#) organisations and unlock the [nuxter](#) role on [Nuxt Discord server](#).

Unlock it by having either:

- ✔ 1 pull request merged
- ✔ 1 helpful issue (3+ reactions)
- ✔ 1 helpful comment (3+ reactions)

Note that your details are stored in a secured cookie and only used to grant you roles on Discord.



danielroe

18,707 pts ⓘ

 Nuxter

Ready to Join us?


Become a Nuxter and help shape the future of Nuxt. Contribute, collaborate and join our community today!

what's next?


✦ [nuxt/fonts](#)

 DANIELROE


✦ [nuxt/ally](#)

 ANTFU · DANIELROE





✦ [nuxt/auth](#)

 ATINUX · PIO

✦ [nuxt/hints](#)

 BAROSHEM · DANIELROE

✦ [nuxt/scripts-and-assets](#)

 DANIELROE ·  HUANG-JULIEN ·  HARLAN-ZW ·  FLASHDESIGNORY ·  HOUSSEINDJIRDEH

Which module are you most looking forward to using?

a11y



75

auth



149

scripts



0

fonts



32

hints




27



a quick announcement

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... thank you from the whole Nuxt team ❤️

✦ core  PIO · ATINUX · ANTFU · HARLAN-ZW · HUANG-JULIEN · LIHBR · MANNIL · DANIELROE

✦ insiders 