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🔼 nuxt.com • 🧥 nitro.unjs.io • 🕟 page-speed.dev • 🦄 regexp.dev 🔼 fontaine.sh • 🦌 elk.zone • 🚾 firstcommit.is • 🚥 roe.dev







# Have you used Nuxt before?

Yes



27

Not yet



56

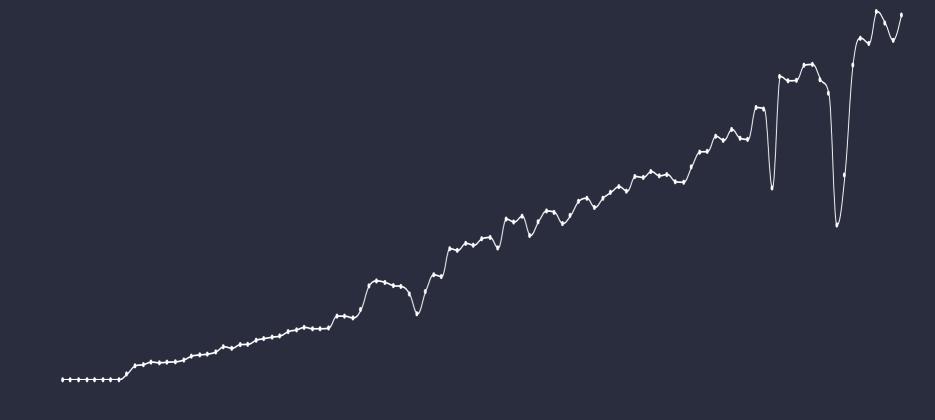


### what is Nuxt?

- → a progressive framework built on Vue.js and Nitro
- → zero-effort start with great DX
- ◆ best practices built-in
- → fully configurable & easily extensible



•	•	•		•	
first commit	v1	v2	v3 first commit	v3	v4
October 2016	January 2018	September 2018	July 2020	November 2022	June 2024



**51.6** k ★ STARS

**29.2** MILLION

**DOWNLOADS** 

61 %









# why?

- 1. reduce cognitive load
- 2. unlock the power of convention
- 3. take over the world

### mistakes were made

## things we got wrong





powered by unjs/hookable

→ allows hooking into every part of nuxt & nitro

```
import { createHooks } from 'hookable'
const hooks = createHooks()

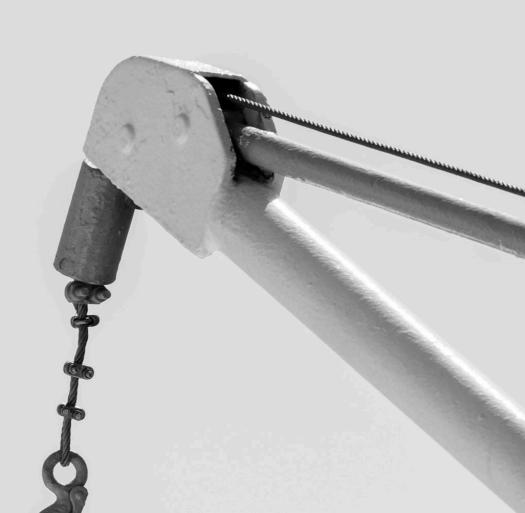
// register a callback
hooks.hook('build:done', async (ctx) => {})

// call hooks
hooks.callHook('build:done', ctx)
```



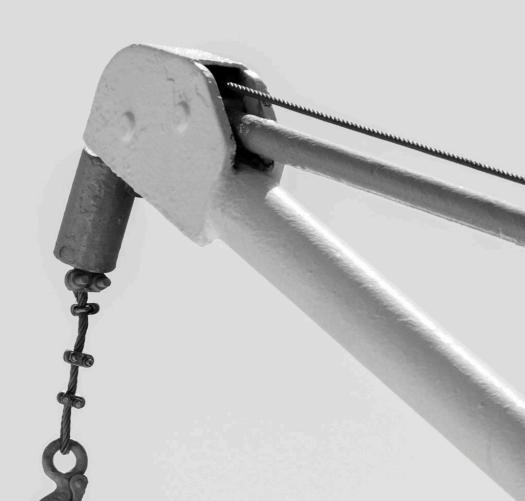
powered by unjs/hookable

- → allows hooking into every part of nuxt & nitro
- → automatic integration with console.createTask



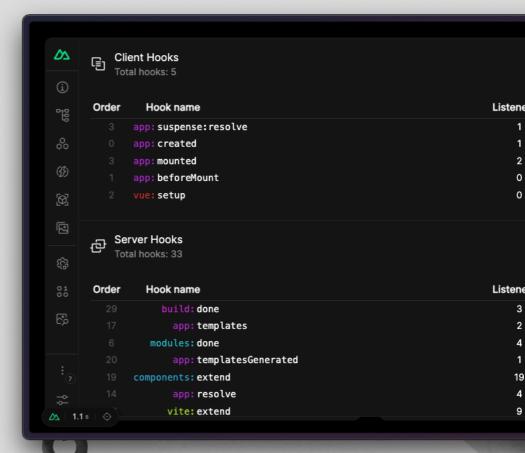
powered by unjs/hookable

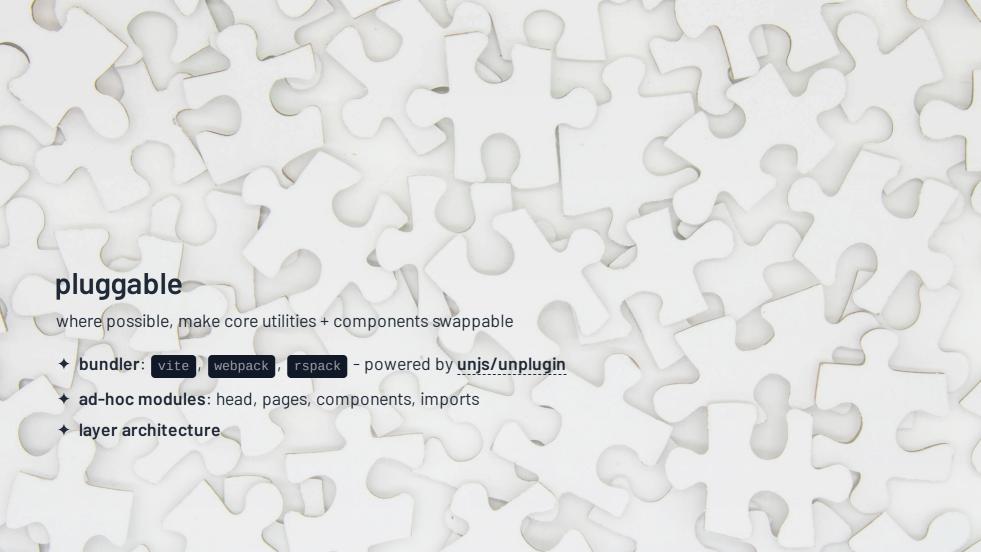
- → allows hooking into every part of nuxt & nitro
- → automatic integration with console.createTask
- → async, sync + custom task runners



powered by unjs/hookable

- → allows hooking into every part of nuxt & nitro
- → automatic integration with console.createTask
- → async, sync + custom task runners
- → debugging mode

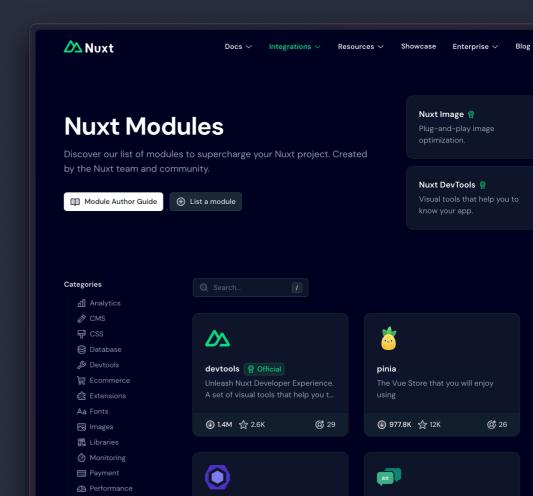




#### modular

make it possible to build easily

- → distributable: public, internal, or local
- → tooling: @nuxt/module-builder
- → queryable from modules dataset + API
- → composable Nuxt SDK with @nuxt/kit



#### nuxt.com/modules

... from the public registry at nuxt/modules

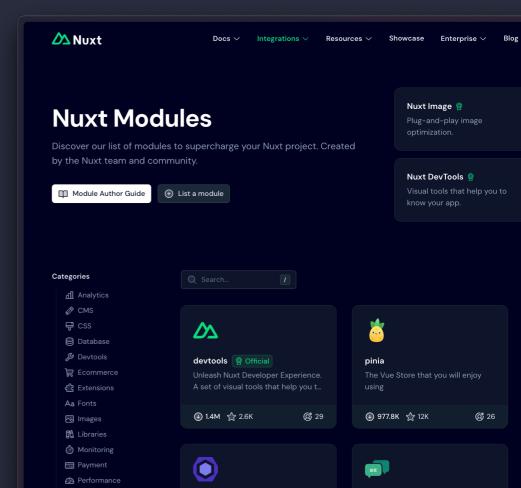
205 + 170 1,167

IODULES MAINTAINERS CONTRIBUTOR

13,347,203 130,753

DOWNLOADS STAR

await \$fetch('https://api.nuxt.com/modules')
 .then(({ stats }) => console.log(stats))



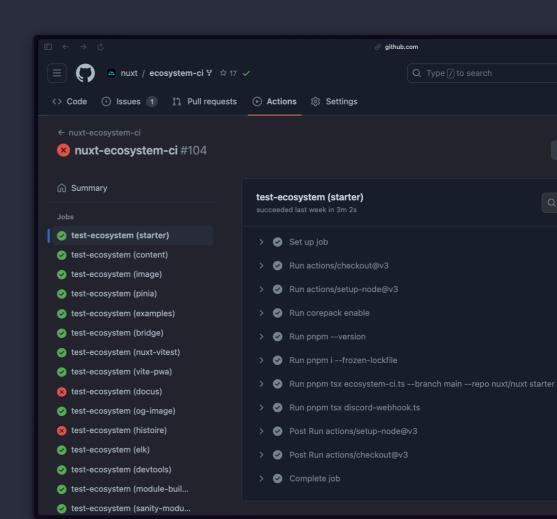


ROUTING	→ iis	STORIES	→ planetscale	IMAGES	→ netlify
→ vue-router	→ koyeb	→ storybook	→ redis	<b>→</b> aliyun	→ prepr
◆ universal routing	→ netlify	◆ histoire	→ vercel kv	→ aws amplify	→ prismic
	→ platform.sh			→ bunny	<b>→</b> sanity
DEPLOY	→ render.com	KV AND CACHE	DATABASES	→ caisy	→ sirv
→ alwaysdata	→ stormkit	→ azure		→ cloudflare	→ storyblok
	→ vercel		→ bun sqlite	→ cloudimage	→ strapi
→ aws lambda	→ zeabur	→ browser	re d1	→ cloudinary	→ twicpics
→ aws amplify		+ capa		→ contentful	
→ azure		prefe		→ directus	+ uploadcare
→ cleavr	TESTING	+ cloudi PROV	IDERS		
◆ cloudflare	→ jest	→ filesystem	→ planetscale	★ fastly	
→ deno deploy	→ vitest	→ github	→ postgresql	,	→ weserv
→ digitalocean	→ playwright	<b>→</b> http	→ sqlite	<ul><li>→ glide</li><li>→ gumlet</li></ul>	FONTS
→ edgio	→ cypress	→ Iru cache	→ turso		→ google
→ firebase	→ cucumber	→ memory	→ vercel	→ hygraph  → imagenging	→ adobe
→ flightcontrol		→ mongodb		→ imageengine	→ bunny
→ github pages		◆ netlify blobs		→ imagekit	→ fontshare
→ heroku		→ overlay		<b>→</b> imgix	→ local
				<b>→</b> ipx	

### balancing stability

prioritising planning and reliability

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



## balancing stability with innovation 🗡

allowing space for new development

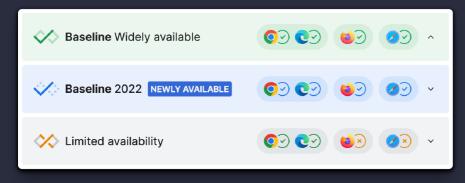
- ◆ server components <a>® HUANG-JULIEN</a> with deep reactivity.
- ◆ app manifests <a> DANIELROE</a> and build caching <a> PIO</a>
- ◆ View Transitions API and automatic reload and state restoration
- → zero-JS and zero-Vue runtime modes 
  ✓
- → inline route rules (with defineRouteRules ) and build-time metadata extraction

# 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
- → 人 an invitation to feedback + testing

# balancing stability with innovation 🗡

'Baseline features' and 🕟 web-platform-dx



# balancing stability with innovation \*



- → built-in, cross-platform WebSocket support
- ♦ WebAssembly possibilities
- → new JS runtimes and deployment targets
- ◆ collaborating with ⑤ GOOGLECHROMELABS Aurora team on performance



→ informative usage information with



→ evaluating impact from real-world projects

nuxt\_devtools\_events nuxt\_devtools\_versions

nuxt devtools 3

nuxt\_projects\_per\_version

Is active\_tabs

- nuxt\_sessions
- nuxt\_sessions\_per\_month
- nuxt2\_sessions\_per\_day
- nuxt2\_sess...\_per\_month
- muxt3\_modu...r\_projects
- nuxt3\_modu...\_and\_date muxt3\_sessions\_per\_day
- nuxt3\_sess...\_per\_month

sper\_day

nuxt\_devtools

#### nuxt\_devtools

Add a description...

No dynamic parameters

How to add a parameter

#### nuxt\_devtools\_active\_tabs

Insert your node comments here...

- tab,
- count(tab) as total.
- count(distinct(context\_projectHash)) as total\_projects
- FROM Stelemetry\_v1\_event\_devtools where event == 'tab

order by total desc

35.01MB processed, (662.33k rows x 3 columns) in

group by tab

modules-components

24.

.69ms	Vega	
tab Nullable(String)	<b>total</b> UInt64	total_projects UInt64

modules-pages 10199 4014

8918 3717

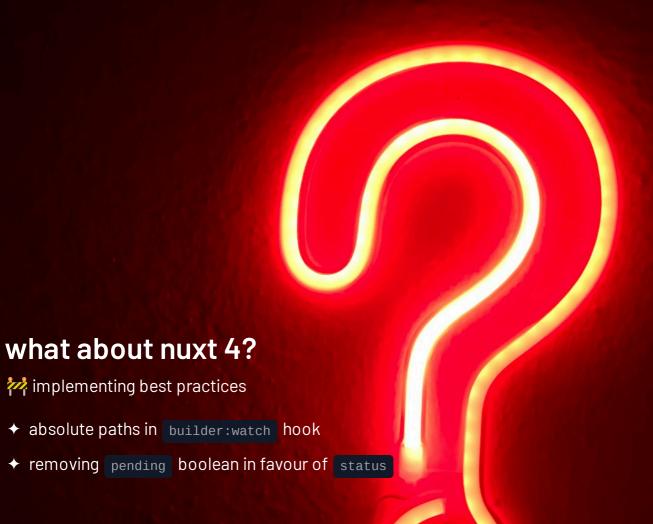
View chart in



→ opt-in and out







### want to help?

- ◆ **Discord** and GitHub for help and contribution
- → we want to recognise you at nuxters.nuxt.com
- → ... and a final offer



### Are you a Nuxter?

Discover your contributions on <u>nuxt</u> and <u>nuxt modules</u> organisations and unlock the <u>nuxter</u> role on <u>Nuxt Discord</u> 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.



Ready to Join us?

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

