

# beyond the framework

building for the next decade of the web

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hello 🖐️

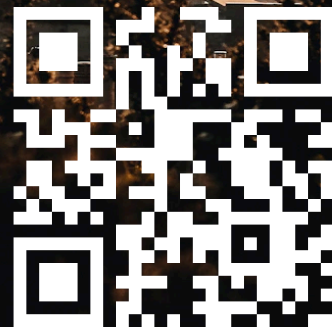
 nuxt.com •  nitro.unjs.io •  page-speed.dev •  regexp.dev  
 fontaine.sh •  elk.zone •  firstcommit.is •  react-to-nuxt.com





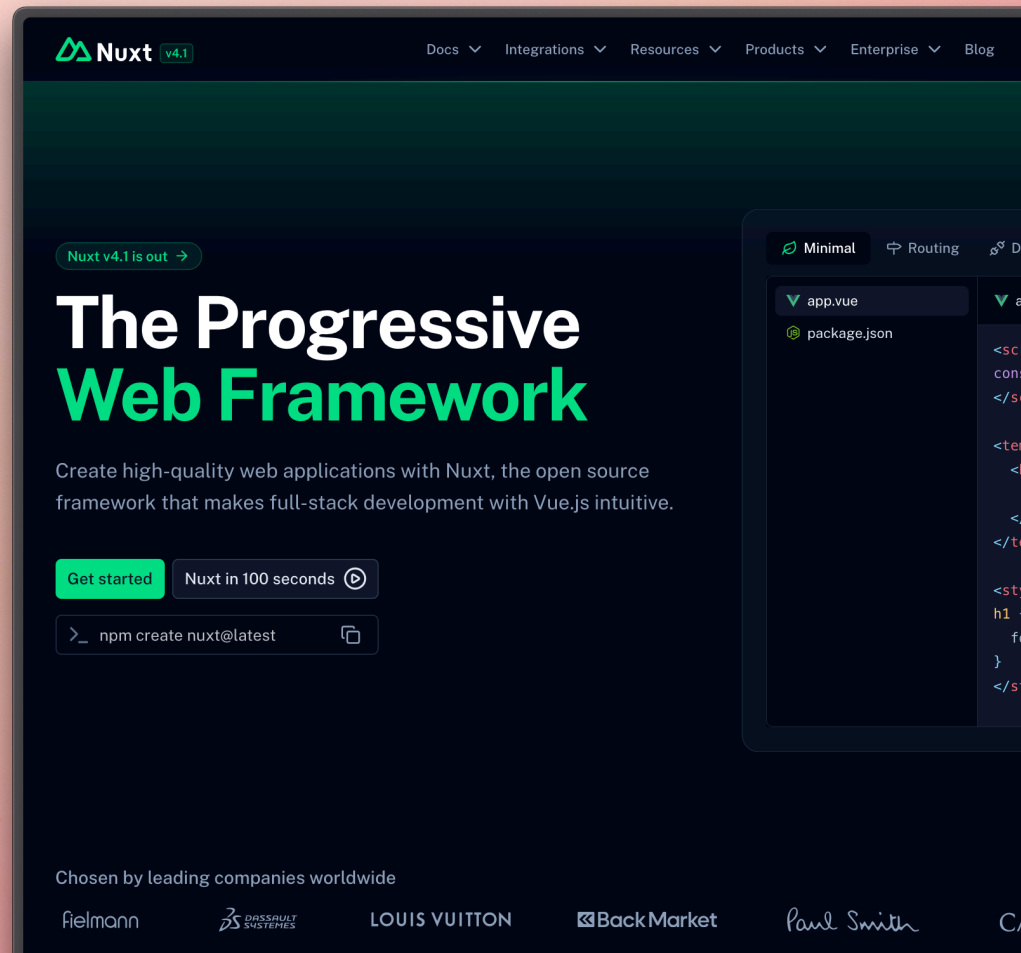


[roe.dev/live](https://roe.dev/live)



# what is nuxt?

- ✦ a **progressive** framework built on **vue.js**
- ✦ **zero-effort** start with great dx
- ✦ **best practices** built-in
- ✦ fully **configurable** & easily **extensible**





58.2 k

★ STARS

41.4 MILLION

📈 DOWNLOADS





how can you build best?



# 1

~~use next~~

you are unreplaceable



1

you are unreplaceable

we are artisans of the web





you are unreplaceable

#fomo

1

what frustrates you about  
web development?



[roe.dev/feedback](https://roe.dev/feedback)



# 2

embrace a framework





# 2

## embrace a framework

  v18.3.1

 DEEP DIVE

### Can I use React without a framework?

^ Hide Details

You can definitely use React without a framework—that's how you'd [use React for a part of your page](#). However, if you're building a new app or a site fully with React, we recommend using a framework.

Here's why.

Even if you don't need routing or data fetching at first, you'll likely want to add some libraries for them. As your JavaScript bundle grows with every new feature, you might have to figure out how to split code for every route individually. As your data fetching needs get more complex, you are likely to encounter server-client network

# 2

embrace a framework

## Use a framework to build React Native apps

June 25, 2024 · 4 min read



**Nicola Corti**

Software Engineer at Meta

At [React Conf](#), we updated our guidance on the best tool to get started building React Native apps: a **React Native framework** - a toolbox with all the necessary APIs to let you build production-ready apps.

Using React Native frameworks, such as Expo, is now the **recommended** approach to create new apps.

In this blogpost we want to walk you through what they are in detail and what they mean for you as a React Native developer starting a new project.

### What is a React Native framework?



# 2

## **embrace a framework**

1. a framework is inevitable

# 2

## embrace a framework

1. a framework is inevitable

NEXT.js

*ember*

 Angular

METEOR

 Nuxt



# 2

## embrace a framework

1. a framework is inevitable
2. a framework is desirable

let's try something

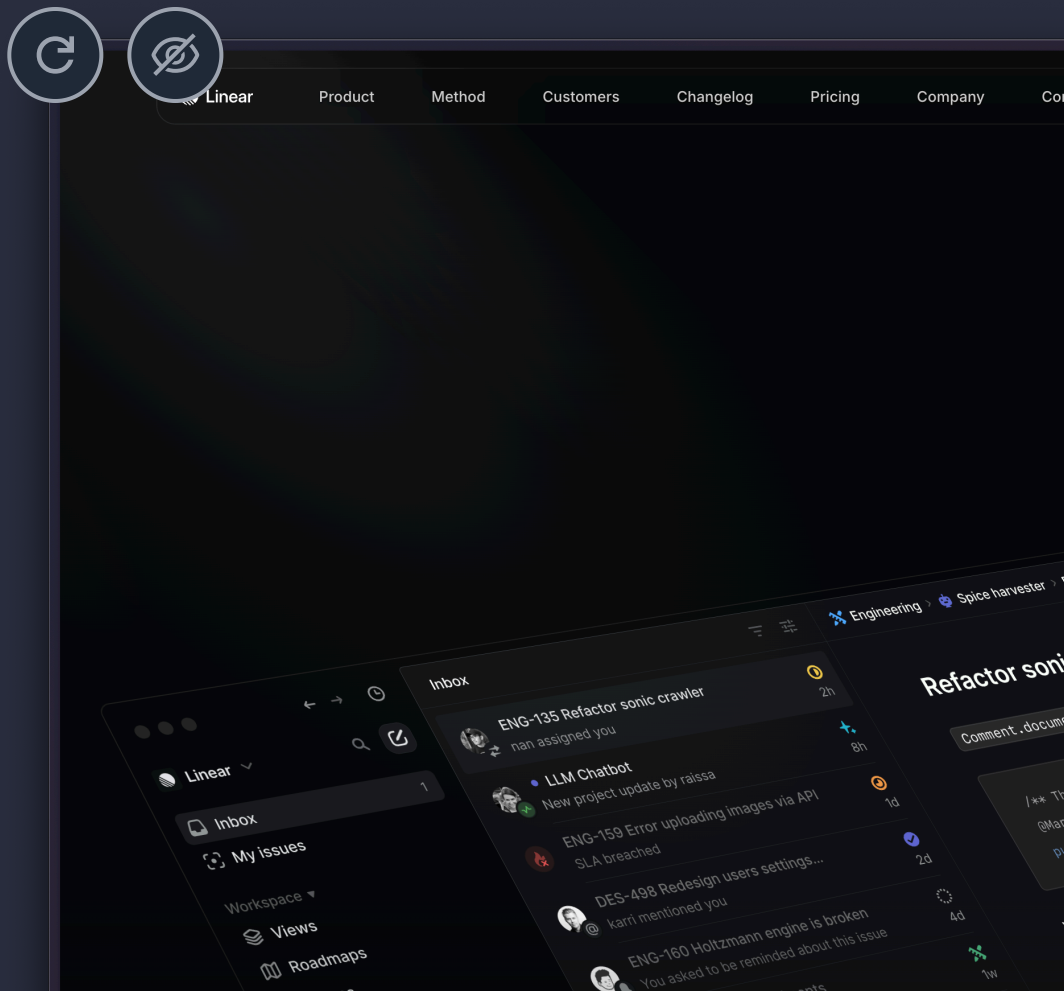
 monkeytype



# 2

## nuxt/fonts

- ✦ font configuration doesn't respond to *usage*
- ✦ third-party origins + preconnects
- ✦ font waterfalls
- ✦ contribution to layout shift





# 2

## nuxt/fonts

- ✦ unjs/unifont
- ✦ unjs/fontaine

```
@font-face {  
  font-family: 'Oswald';  
  src: local("Oswald Regular"), local("Oswald"),  
    url("/_fonts/<hash>.woff2") format(woff2);  
  font-display: swap;  
  unicode-range: U+0100-02AF,U+0304,<more>,  
  font-weight: 400;  
  font-style: normal;  
}
```

```
@font-face {  
  font-family: "Oswald Fallback: Arial";  
  src: local("Arial");  
  size-adjust: 81.4265%;  
  ascent-override: 146.5125%;  
  descent-override: 35.4921%;  
  line-gap-override: 0%;  
}
```

```
h1 {  
  font-family: 'Oswald', 'Oswald Fallback: Arial', sans-serif;  
}
```

# are you using Nuxt?

yes



[roe.dev/v/yes](https://roe.dev/v/yes)

8

not yet



[roe.dev/v/no](https://roe.dev/v/no)

47



# 2

## fontless

unjs/fontaine

- ✦ 📦 zero runtime overhead
- ✦ 👥 collaboration with  QWIKDEV · DAMIANPUMAR · GIOBOA · THEJACKSHELTON · SHAIRES
- ✦ 📏 metric-based fallbacks
- ✦ 📖 multiple providers
  - Google Fonts, Bunny Fonts, FontShare, FontSource, and more using unifont
- ✦ 🎯 framework agnostic
  - Vue, React, Solid, Svelte, Qwik, etc.



# 2

## embrace a framework

1. a framework is inevitable
2. a framework is desirable
3. a framework is the right tool

# 2

## **embrace a framework**

unlocking features

- ✦ multi-app and app federation
- ✦ partial hydration and resumability
- ✦ ... and more

# 2

## embrace a framework

powered by faster bundlers

- ✦ rspack 
- ✦ rolldown 
- ✦ farm 

# 2

## embrace a framework experimental

- ✦ streaming html
- ✦ payload cache integrated with browser
- ✦ prerendering optimisations



# 2

## embrace a framework experimental

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="preload" as="fetch" crossorigin="anonymous" href="/_payload.json?c5943ca5-b255-4abc-9e46-6014c3b9fff6">
    <script type="importmap">{
      "imports": {
        "_": "/_rebundle/fV19iUTNxh.js",
        "/_nuxt/BKQMxkHa.js": "data:text/javascript;base64,aW1wb3J0e0REZk9Uaw96fWZyb20iXyI7ZXhwb3J0IGRlZmF1bHQgRERmT1Rpb3ouZGVm
        ...
      }
    }</script>
    <script type="module" src="/_rebundle/fV19iUTNxh.js"></script>
    <title>A truly incredible site</title>
  </head>
  <body>
```

# 2

## embrace a framework experimental

```
// virtual:asyncGeneratedChunk_123
export default async (route) => {
  const repo = await $fetch(`https://api.github.com/repos/${route.params.owner}/${route.params.repo}`)
  return repo
}
// MyComponent.vue
export default defineComponent({
  async setup () {
    const route = useRoute()
    const { data: repo } = await useAsyncData(() => import('virtual:asyncGeneratedChunk_123').then(r => r(route)))
  }
})
```

**-39 %**  
TOTAL JS

**-66 %**  
UNUSED JS

# 2

## tighter vertical integrations

deployment platforms





# 2

## tighter vertical integrations

platform primitives

- ✦ key-value storage
- ✦ image optimisation
- ✦ direct database access
- ✦ websockets/streaming
- ✦ LLM integrations

# 2

## tighter vertical integrations

two approaches

1. platform-centric
2. framework-centric

NEXT.js

 Nuxt

## 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
- ✦ capacitor
- ✦ prefer
- ✦ cloud
- ✦ filesystem
- ✦ github
- ✦ http
- ✦ lru cache
- ✦ memory
- ✦ mongodb
- ✦ netlify blobs
- ✦ overlay
- ✦ planetscale

- ✦ redis

- ✦ vercel kv

## DATABASES

- ✦ bun sqlite
- ✦ cloudflare d1
- ✦ libsql
- ✦ 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
- ✦ adobe
- ✦ bunny
- ✦ fontshare
- ✦ fontsource
- ✦ local

90+  
PROVIDERS

# 2

## tighter vertical integrations

provider patterns

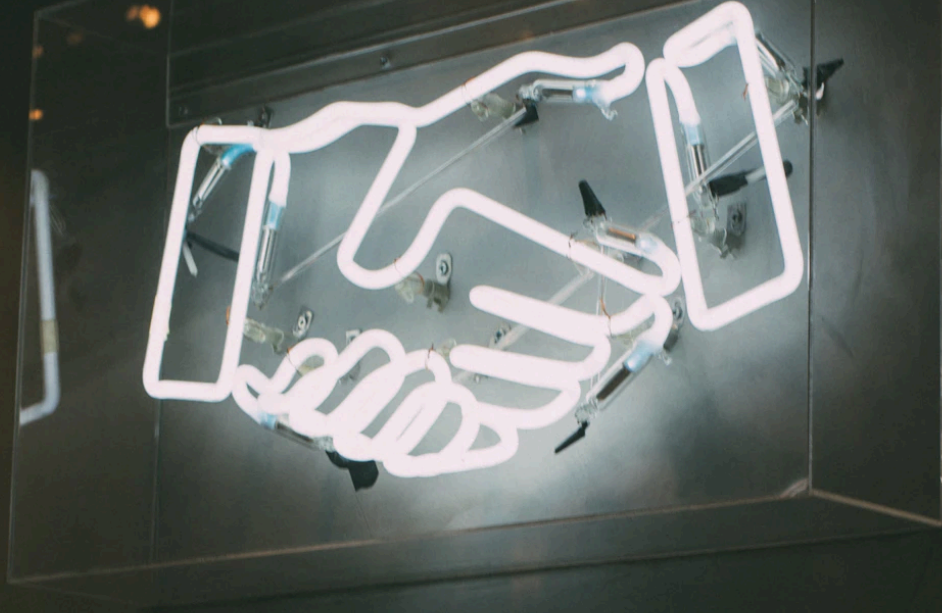


A close-up photograph of a forest floor. The foreground is dominated by a thick, vibrant green moss. Several small, light brown mushrooms with thin stems and conical caps are scattered across the moss. The background is a soft-focus view of a forest with tree trunks and dappled sunlight filtering through the canopy.

3

build with others





3

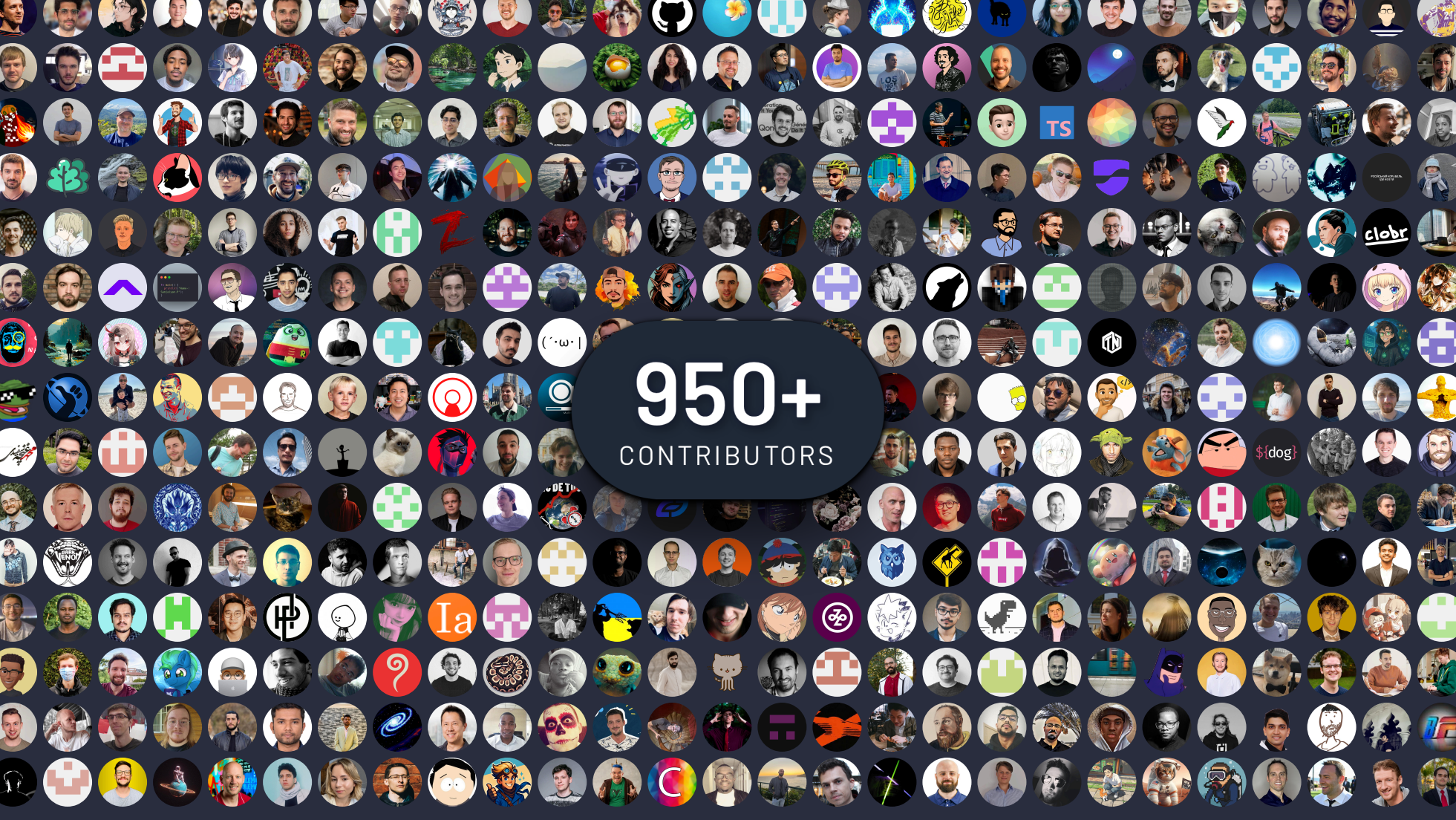
friendly collaboration

'centre-bounded'

3







# [nuxt.com/modules](https://nuxt.com/modules)

... from the public registry at [nuxt/modules](https://nuxt.com/modules)

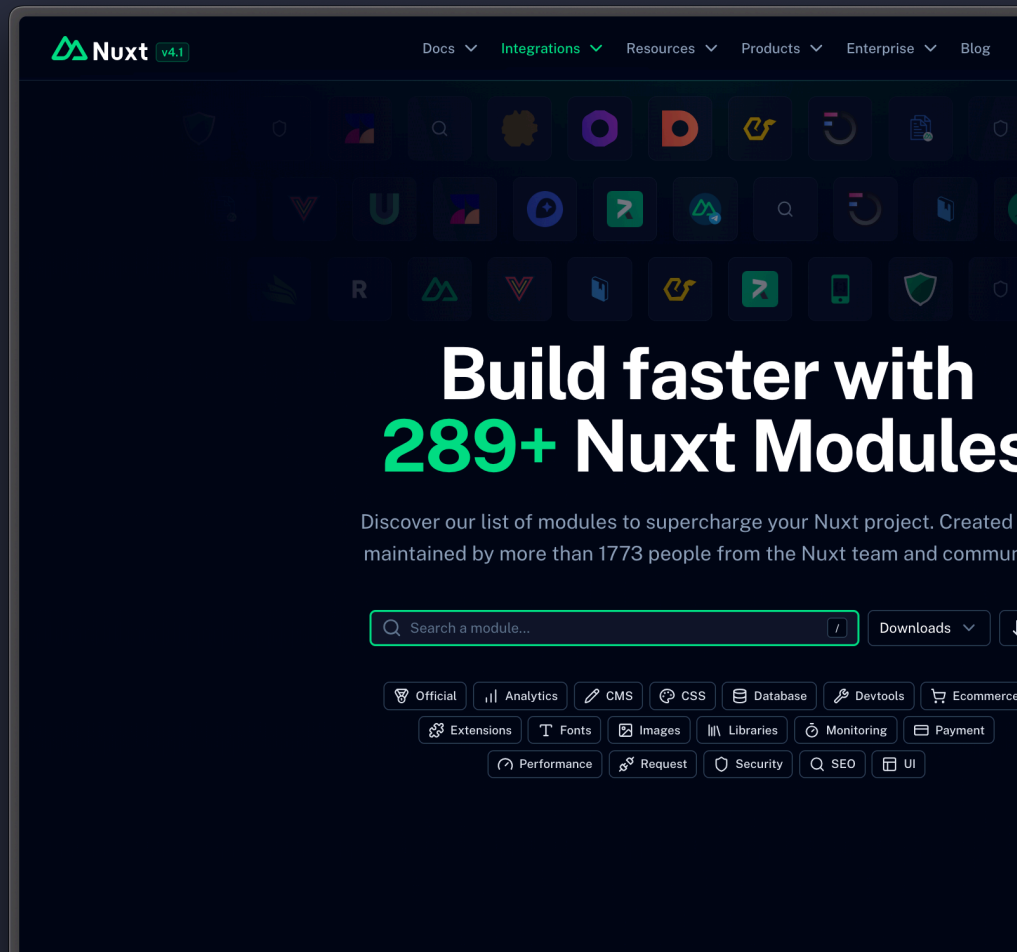
**285+**  
MODULES

**233**  
MAINTAINERS

**1,773**  
CONTRIBUTORS

**31,577,990**  
DOWNLOADS

**218,524**  
STARS



## build with others

- ✦ new user portal - [nuxt.com](https://nuxt.com) + [nuxters.nuxt.com](https://nuxters.nuxt.com)
- ✦ [Discord](#) and GitHub for help and contribution
- ✦ ... an offer 🙏  
[roe.dev/chat](https://roe.dev/chat)



## 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 community today!



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## interested ... ?

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



