nuxt from the architect point of vue

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🛆 nuxt.com • 希 nitro.unjs.io • 💿 page-speed.dev • 🦄 regexp.dev





have you used nuxt?



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

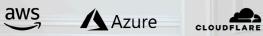


Firebase

😂 Layer 0

a philosophy of **openness**

provider agnostic





🚸 netlify



a philosophy of **openness**

provider agnostic

🚯 Nitro ➢ Runtimes (js) Node.js 😨 Bun 🏠 Deno Providers AWS Lambda Cleavr Cloudflare DigitalOcean Firebase Flightcontrol Genezio GitLab Pages Koyeb Netlify Platform.sh Render.com StormKit

Guide Deploy Config

Overview

Learn more about Nitro deploy providers.

Nitro can generate different output formats suitable for different hosting providers fro code base. Using built-in presets, you can easily configure Nitro to adjust its output for almost no additional code or configuration!

Default output

The default production output preset is Node.js server.

When running Nitro in development mode, Nitro will always use a special preset called using Node.js with ESM in an isolated Worker environment with behavior as close as p production environment.

Zero-Config Providers

When deploying to production using CI/CD, Nitro tries to automatically detect the proenvironment and set the right one without any additional configuration required. Curre providers below can be auto-detected with zero config.

- aws amplify
- azure
- cloudflare pages

ROUTING

- ✤ vue-router
- universal routing

DEPLOY

- ✤ alwaysdata
- ✤ aws lambda
- ✤ aws amplify
- ✦ azure
- ✦ cleavr
- ✦ cloudflare
- ✦ deno deploy
- ✦ digitalocean
- ✦ edgio
- ✤ firebase
- ✦ flightcontrol
- + genezio
- ✤ github pages
- 🔶 gitlab pages

- ✦ heroku
- ✤ koyeb
- netlify
- ✤ platform.sh
- ✦ render.com
- ✤ stormkit
- ✦ vercel
- ✦ zeabur
- ✤ zerops
- TESTING
- ✤ vitest
- ✤ playwright
- ✦ cypress
- ✦ cucumber

- STORIES
- ✦ storybook
- + histoire
- KV AND CACHE
- + azure
- + browser
- pret∈ ✦ cloue
 - ✦ filesyste
 - + github
 - ♦ http
 - + Iru cache
 - + memory
 - ✤ mongodb
 - ✤ netlify blobs
 - ✤ overlay
 - + planetscale

- ✦ redis
- ♦ vercel kv

DATABASES

✦ bun sqlite

+ libsal

★ sqlite

✦ turso

+ vercel

PROVIDERS

cloudflare d1

sql

- 🔶 aliyun
 - \star aws amplify
 - ✦ bunny

IMAGES

- ✦ 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

- + provider agnostic
- + runtime agnostic







a philosophy of **openness**

subpath export conditions from
 wintercg.org

```
"name": "srvx",
"version": "0.1.0",
"repository": "unjs/srvx",
"description": "Universal Server API.",
"exports": {
    "types": "./dist/types.d.mts",
    "bun": "./dist/bun.mjs",
    "deno": "./dist/deno.mjs",
    "node": "./dist/node.mjs"
  "./node-utils": {
    "types": "./dist/node-utils/index.d.mts",
    "import": "./dist/node-utils/index.mjs"
  "./types": {
    "types": "./dist/types.d.mts",
    "import": "./dist/types.mjs"
},
```

- ★ subpath export conditions from [®] wintercg.org
- hot-swappable runtime implementation
- deep bundler integrations
- polyfills to ensure ecosystem compatibility powered by unjs/unenv

a philosophy of **openness**

- hot-swappable runtime implementation
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Builder Day 2024: 18 big update to the Workers platform

Developers

AI

Zero Trust

Em

Policy

2024-09-26

Speed & Reliability

CLOU

Product News

The Cloudflare Blog

Security



12 min read

Improved Node.js compatibility is now GA

Earlier this month, we <u>overhauled our support for Node.js APIs in the Work</u> With <u>twice as many Node APIs</u> now supported on Workers, you can now u set of NPM packages to build a broader range of applications. Today, we'r announce that improved Node.js compatibility is GA.

To give it a try, enable the node is compatibulity flag, and set your

- ✤ provider agnostic
- ✦ runtime agnostic
- ✦ bundler agnostic

- + enabled by unjs/unplugin
- new @nuxt/rspack-builder coming in v3.14



Vue.js Q 🗏 Docs ~ API Playground Ecosystem ~ About ~

the architecture of nuxt

a philosophy of **progressiveness**

- ✦ configuration
- ✦ local modules
- published modules
- ✦ templates
- + image, fonts, scripts, nitro, unstorage, etc.

The Progressive JavaScript Framework

An approachable, performant and versatile framework for building w user interfaces.



Install

a philosophy of **progressiveness**

- + community module if appropriate
- experimental feature if users opt-in
- ✦ configurable feature

tested with 🛞 ECOSYSTEM-CI nuxt/ecosystem-ci

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Interested ... ?

- + check out the docs on **nuxt.com**
- follow <u>@nuxt_js</u> on Twitter or <u>@nuxt@webtoo.ls</u> on Mastodon
- ★ join chat.nuxt.dev to discuss
- \star and a final offer 🙏

roe.dev/chat