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

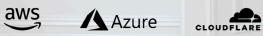


Firebase

😂 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 <sup>®</sup> wintercg.org
- hot-swappable runtime implementation
- deep bundler integrations
- polyfills to ensure ecosystem compatibility powered by unjs/unenv

a philosophy of **openness** 

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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