nuxt from the architect point of vue

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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

Experts

Microsoft Most Valuable Professional

RØDE

have you used nuxt?

yes

roe.dev/v/yes

18

only v2

roe.dev/v/nuxt2

4

not yet

roe.dev/v/no

2

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

the architecture of nuxt

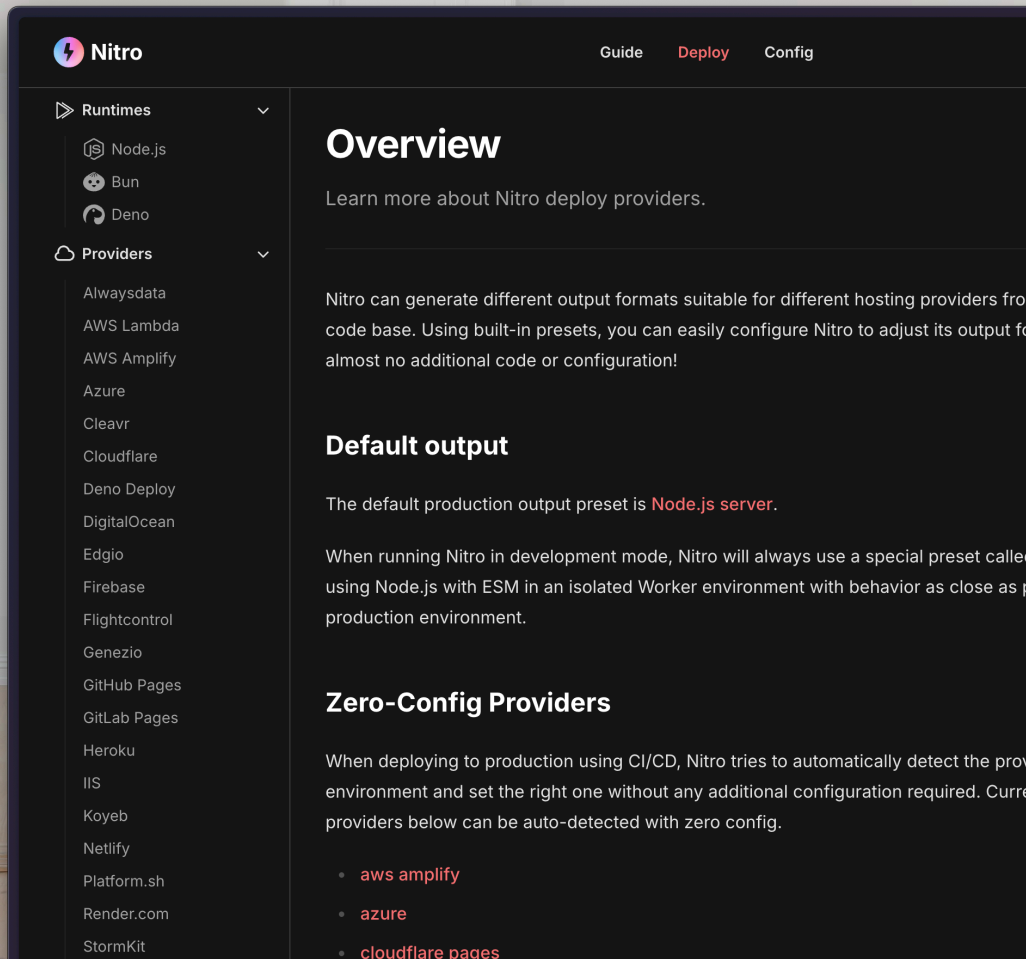
a philosophy of **openness**

the architecture of nuxt
a philosophy of **openness**
✦ provider agnostic
aws
Azure
CLOUDFLARE
Firebase
Layer0
netlify
Stormkit
Vercel

the architecture of nuxt

a philosophy of **openness**

- ✦ provider agnostic



90+ PROVIDERS

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
- iis
- koyeb
- netlify
- platform.sh
- render.com
- stormkit
- vercel
- zeabur
- zerops

TESTING

- jest
- vitest
- playwright
- cypress
- cucumber

STORIES

- storybook
- histoire

KV AND CACHE

- azure
- browser
- capaci
  prefe
- clou
- filesyst
- github
- http
- lru cache
- memory
- mongodb
- netlify blobs
- overlay
- planetscale
- redis
- vercel kv

DATABASES

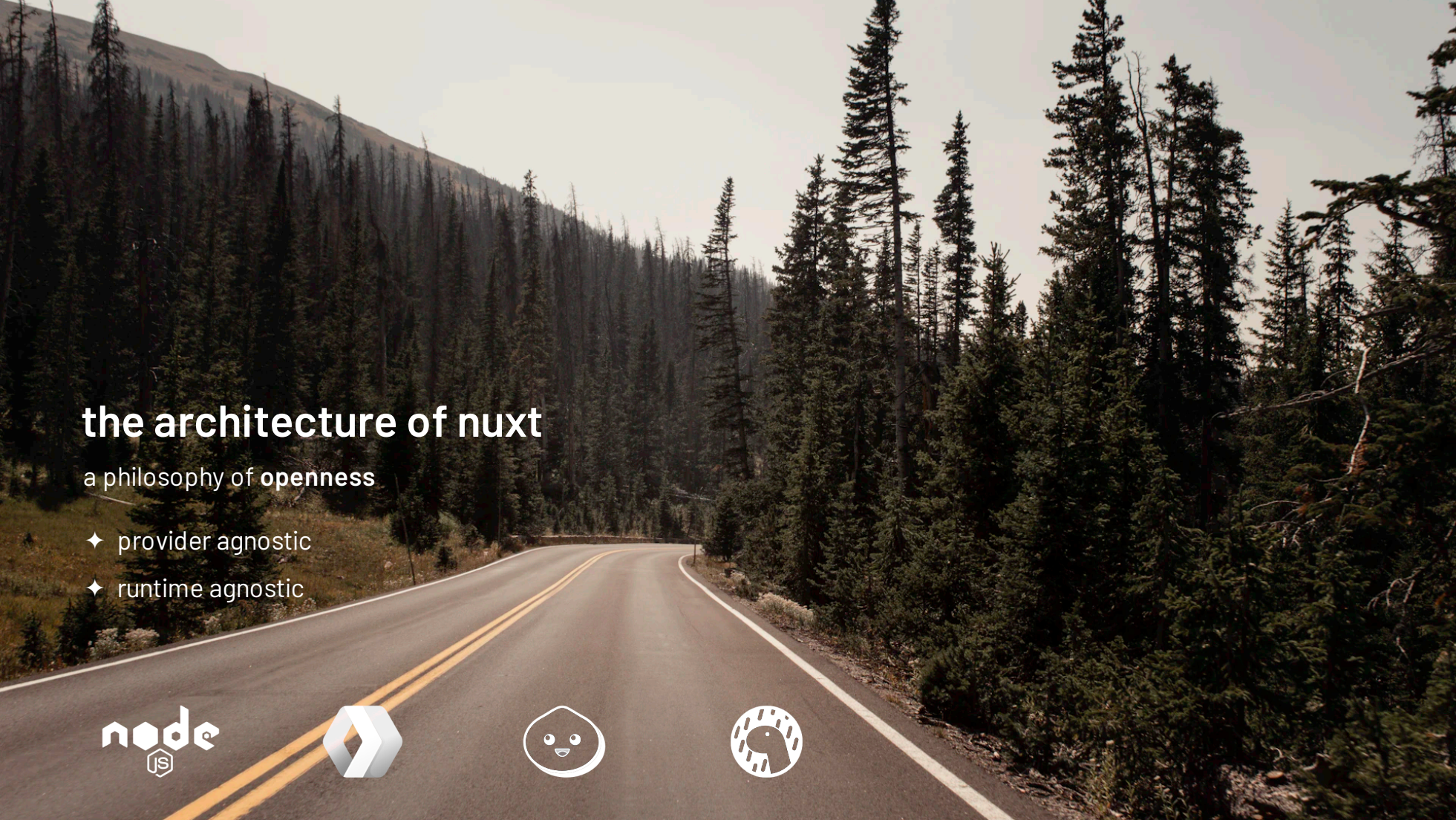
- bun sqlite
- cloudflare d1
- libsql
- sql
- sqlite
- turso
- vercel

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


the architecture of nuxt
a philosophy of **openness**
✦ provider agnostic
✦ runtime agnostic

the architecture of nuxt

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"
    }
  },
  // ...
}
```

the architecture of nuxt

a philosophy of **openness**

- ✦ subpath export conditions from wintercg.org
- ✦ hot-swappable runtime implementation
- ✦ deep bundler integrations
- ✦ polyfills to ensure ecosystem compatibility

  powered by **unjs/unenv**

the architecture of nuxt

a philosophy of **openness**

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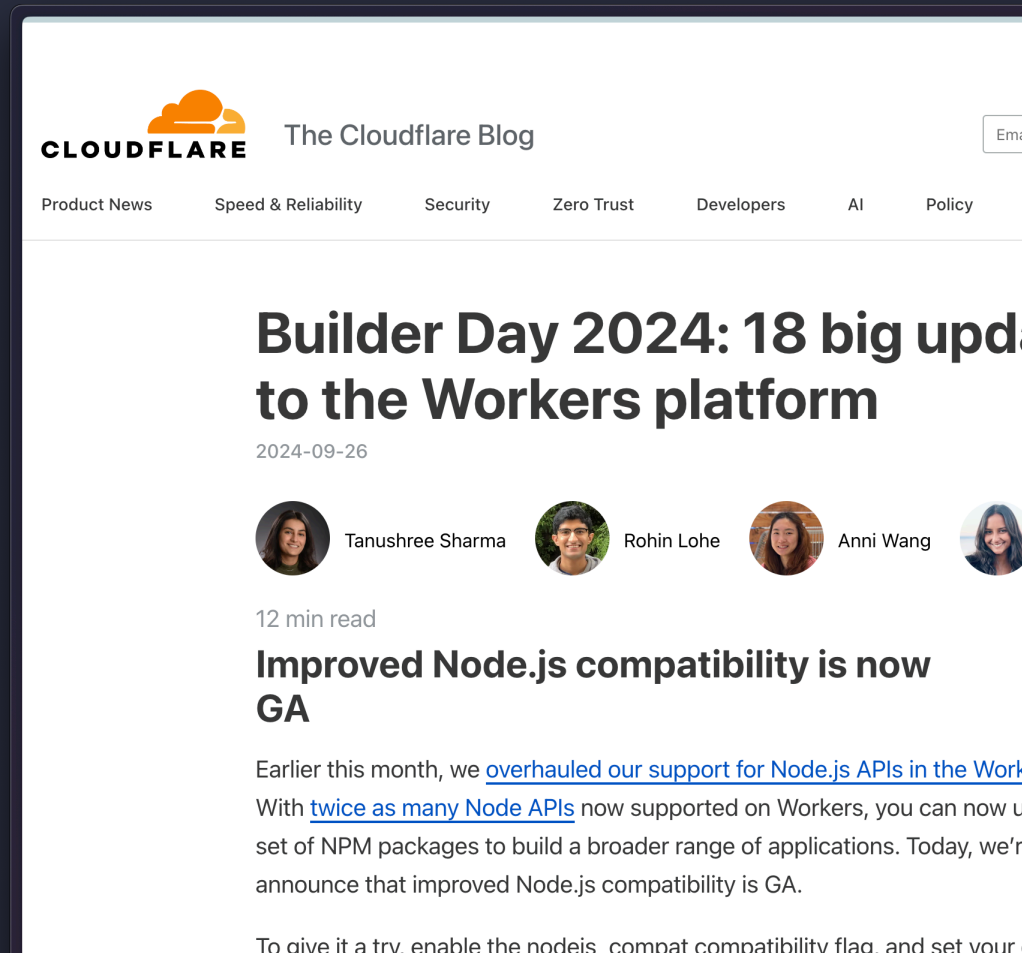


the architecture of nuxt

a philosophy of **openness**

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

the architecture of nuxt

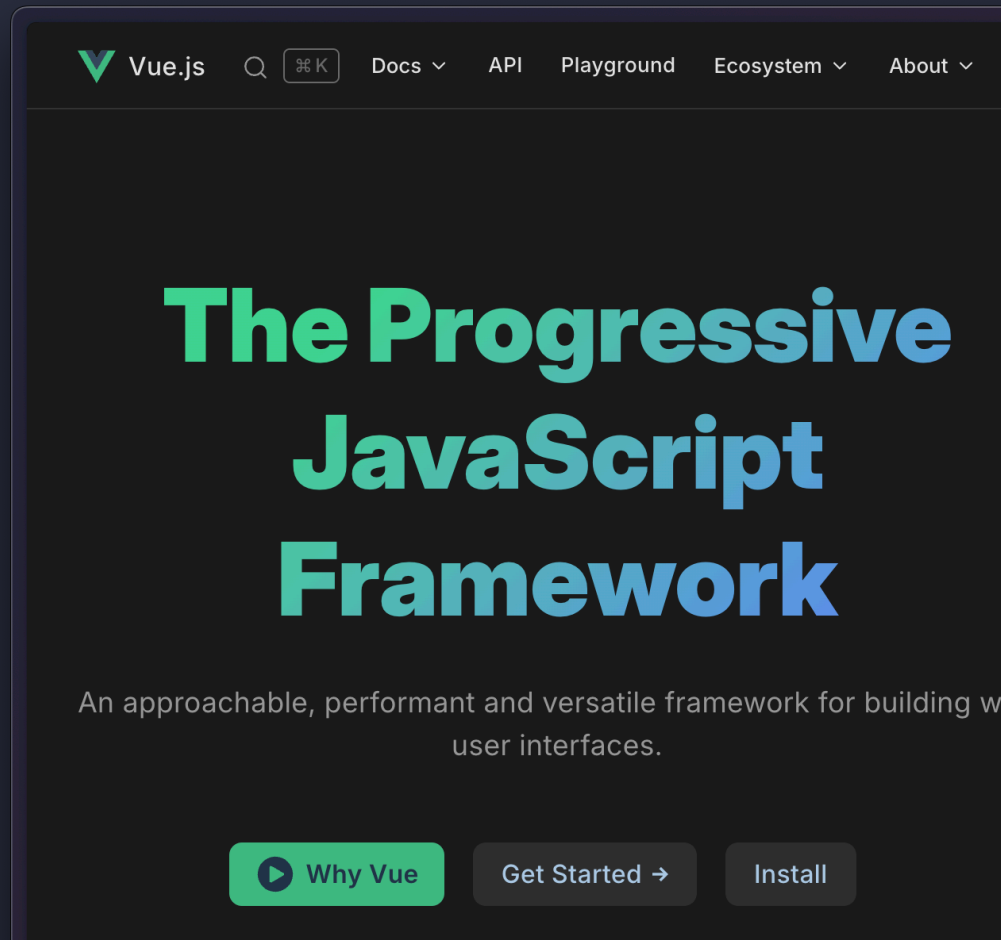
a philosophy of **openness**

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

the architecture of nuxt

a philosophy of **progressiveness**

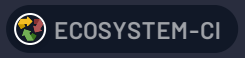
- ✦ configuration
- ✦ local modules
- ✦ published modules
- ✦ templates
- ✦ **image**, **fonts**, **scripts**, **nitro**, **unstorage**, etc.



the architecture of nuxt

a philosophy of **progressiveness**

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

tested with  **nuxt/ecosystem-ci**

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Interested ... ?

- ✦ check out the docs on **nuxt.com**
- ✦ follow **@nuxt_js** on Twitter or **@nuxt@webtoo.ls** on Mastodon
- ✦ join **chat.nuxt.dev** to discuss
- ✦ and a final offer 🙏

roe.dev/chat