

The background features a light gray grid that recedes into the distance, creating a sense of depth. Scattered across this grid are various colorful geometric shapes, including triangles, rectangles, and circles in shades of teal, yellow, red, and green. Some of these shapes have white diagonal lines or patterns, resembling stylized architectural elements or data points.

UnJS

The Missing Tools for the Modern Web

Presented by: **Pooya Parsa or pi0/π0**



Creator of **UnJS**, **Nitro** and **Nuxt** team member

I love Cats 🐱, Sushi 🍣 and Coding/Hacking 🖥️

Github: github.com/pi0

Twitter: x.com/_pi0_



Nuxt

Nuxt: Intro



- Zero-config Webpack/Vite integration
- Filesystem conventions and multi-layer organization
- Server-side rendering (SSR, Static, Hybrid)
- Development server and Devtools
- Extendable via modules and ad-hoc features

Nuxt: **Serverless** era

- Server-side rendering in production needs lots of dependencies
- **nuxt-start**: Core runtime of Nuxt with minimum dependencies



- **nuxt-vercel-builder**: Optimized lambda and node_modules

Nuxt: **Edge** and workers era



- Node.js polyfills and NPM compatibility (unjs/unenv)
- Node.js server API vs Web fetch API (unjs/h3)



Today, we have a mystery release!



Introducing: y-crossws

Github: github.com/pi0/y-crossws

Demo: nuxt-tiptap.pi0.io





Nitro

Who is using **Nitro**?



Nuxt 3



Analog.js



Solid Start



Tanstack Start

Nitro: Features

- **Flexible** server
- **Deployment provider** presets with zero config
- **API routes** and **WebSocket** handler
- **Caching** and **route rules**
- Server Storage: **Key-Value** and **SQL**
- **Soon!** **Vite** integration for full-stack servers

A yellow rounded square containing the lowercase text 'un' in a black, sans-serif font. The background of the entire slide is a light gray grid with various colorful geometric shapes (triangles, rectangles, circles) scattered across it, some with patterns like stripes or grids.

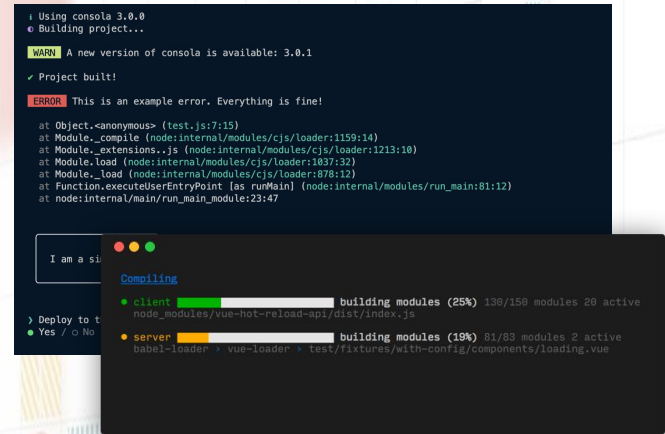
un

UnJS ecosystem

Better DX, for everything

unjs/ Utils that do one job, perfectly well

- Console logging: **unjs/consola** 🐻 and **unjs/webpackbar**
- URL utilities: **unjs/ufo**
- Typescript and ES modules: **unjs/jiti**
- Merging config: **unjs/defu**
- Env detection: **unjs/std-env**
- .. 50+ more libraries



```
Using consola 3.0.0
Building project...

WARN A new version of consola is available: 3.0.1

Project built!

ERROR This is an example error. Everything is fine!
at Object.<anonymous> (test.js:7:15)
at Module._compile (node:internal/modules/cjs/loader:1159:14)
at Module._extensions..js (node:internal/modules/cjs/loader:1213:10)
at Module.load (node:internal/modules/cjs/loader:1837:32)
at Module._load (node:internal/modules/cjs/loader:875:12)
at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:81:12)
at node:internal/main/run_main_module:23:47

I am a si

Compiling
client building modules (25%) 136/158 modules 20 active
node_modules/vite-hot-reload-api/dist/index.js
server building modules (10%) 81/83 modules 2 active
babel-loader vue-loader test/fixtures/with-config/components/loading.vue
```

UnJS download stats

jiti	71901758	h3	5219793	serve-placeholder	2954888
pathe	47350712	hookable	5204148	untyped	2855634
consola	45107568	ofetch	5018703	knitwork	2765834
ufo	44604826	sect-d	470562	ctx	2716171
unplugin	3827696	br3	4627999	img-meta	2705526
std-env	325950	unee	486259	ntropack	2252804
pkg-types	2311442	code	419	pxy	2063880
milly	27923107	webpackbar	4476267	unwasm	1886169
defu	22715108	rd	438575	db0	1865680
confbox	192485	unee	439	vw	1291235
giget	16812718	crossws	4319549	fs-memo	864223
ohash	16320857	unstorage	4318607	nanotar	861687
city	14639547	uqr	4152892	unbuild	429012
nypm	13365642	unimport	4124282	mkdist	420867
magicast	11826532	c12	4033638	magic-regexp	323326
destr	8271878	untun	4018488	changelogen	293296
get-port-please	7039648	jimp-compact	3166357	fontaine	174984
uncrypto	5248574	unhead	3063591	unpdf	88675

563,886,629+
monthly downloads on NPM

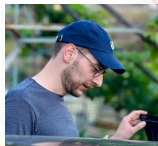
♥ UnJS team



Pooya Parsa
(pi0)



Daniel Roe
(danielroe)



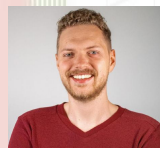
**Jan-Henrik
Damaschke**
(itpropro)



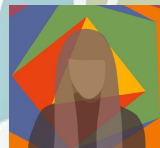
Johann Schopplich
(johannschopplich)



Estéban
(Barbapapaze
s)



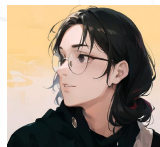
**Alexander
Lichter**
(manniL)



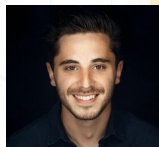
Lucie (lihbr)



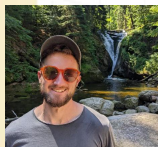
Xin Du
(clarkdo)



Anthony Fu
(antfu)



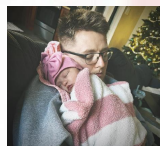
**Sébastien
Chopin**
(atinux)



Harlan Wilton
(harlan-zw)



Kevin Deng
(sxzz)



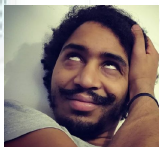
**Christian
Preston**
(cpreston321)



Nozomu Ikuta
(Nozomulkuta)



**Haruaki
OTAKE**
(aaharu)



Heb
(Hebilicious)

💛 Would you like to join Nitro?



github.com/nitrojs/community/discussions/3

Thank you for your attention!

ご清聴ありがとうございました

Discord: [@pi0](#)

Twitter: x.com/_pi0_

Link to the slides:

