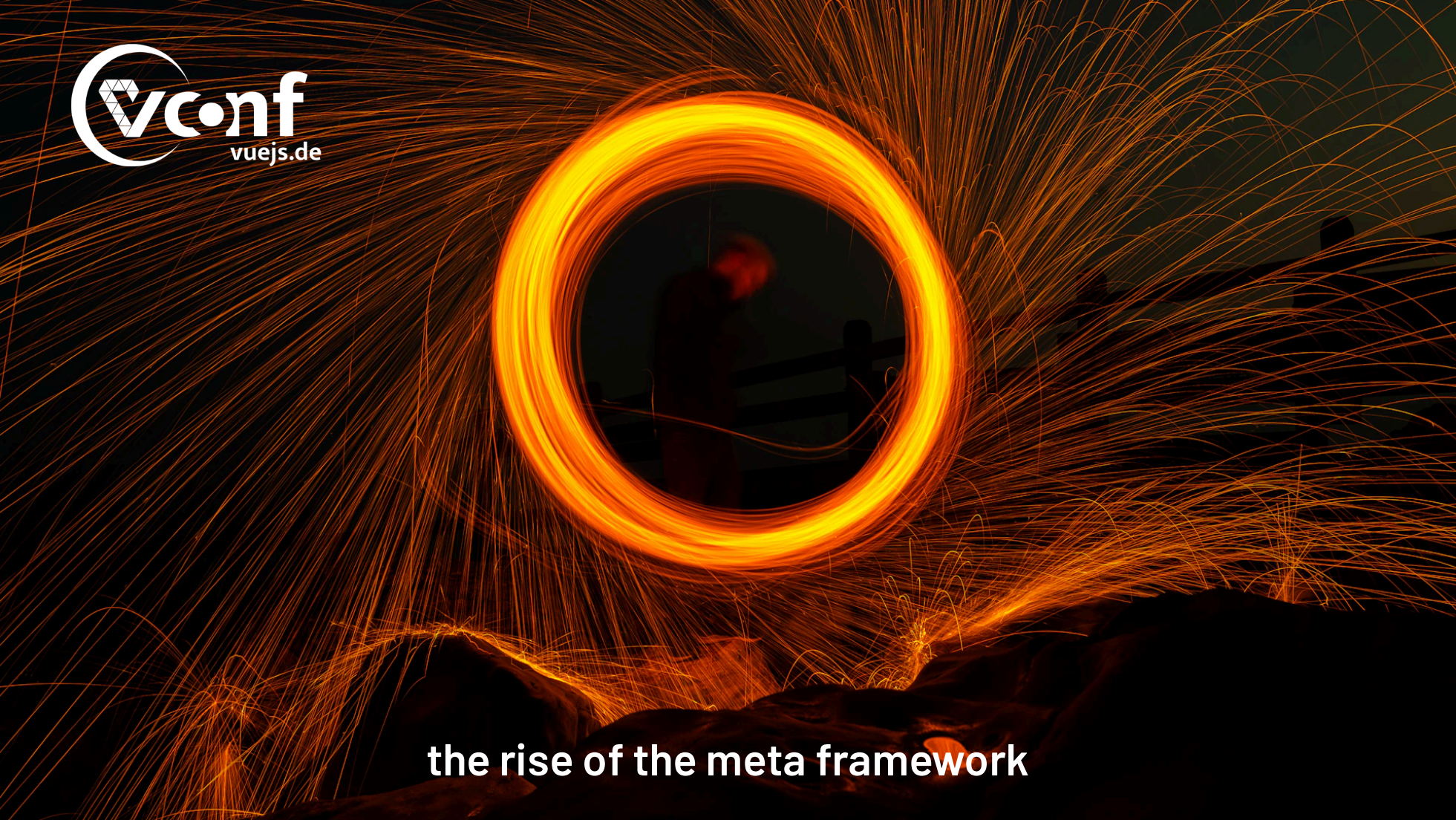
vuejs.de
the rise of the meta framework

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hello 👋

nuxt.com • nitro.unjs.io • page-speed.dev • regexp.dev

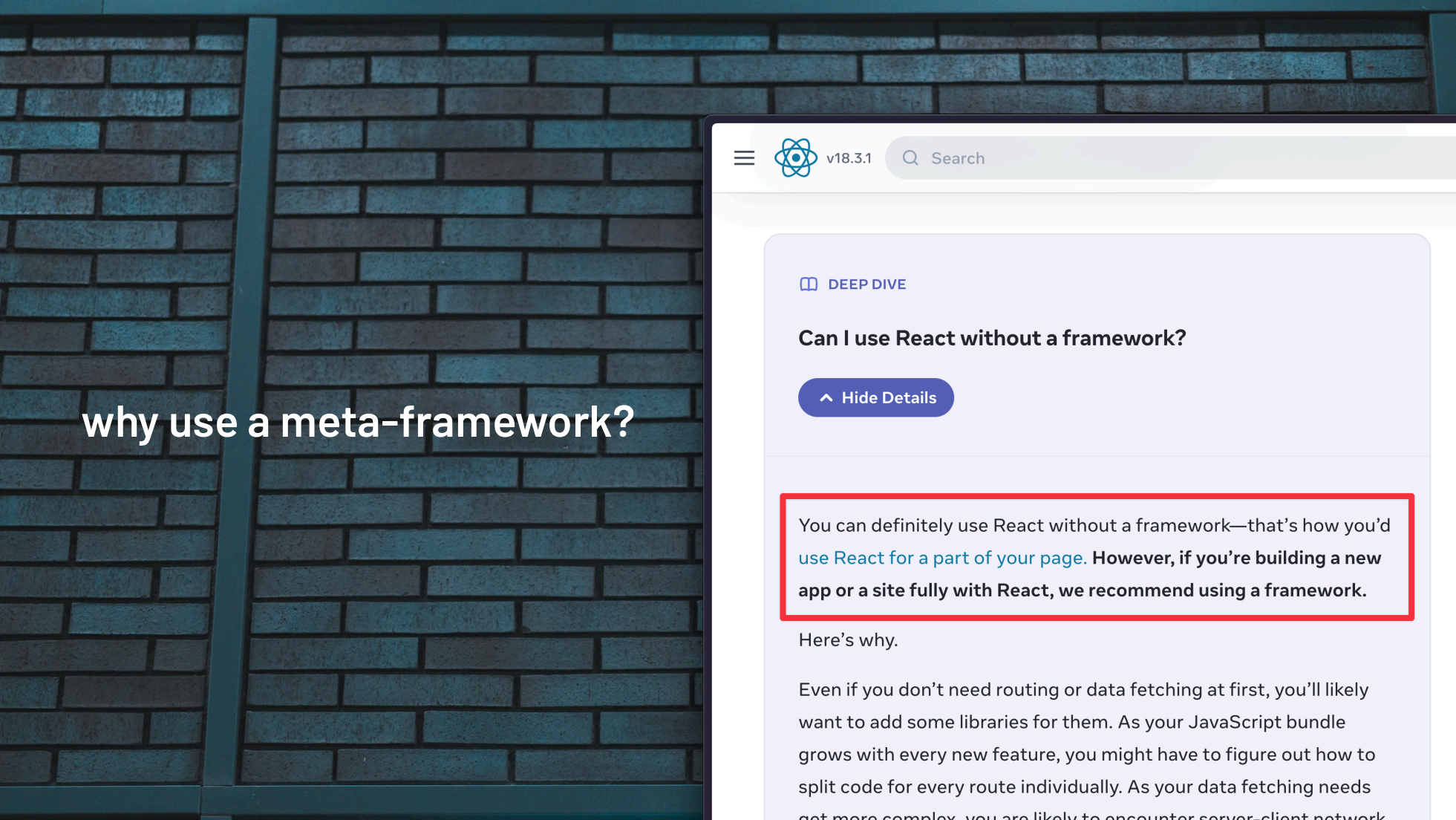
fontaine.sh • elk.zone • firstcommit.is • react-to-nuxt.com

Experts

Microsoft Most Valuable Professional


RØDE

why use a meta-framework?


why use a meta-framework?
v18.3.1
Search
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

why use a meta-framework?

Use a framework to build React Native apps

June 25, 2024 · 4 min read

Nicola Corti
Software Engineer at Meta

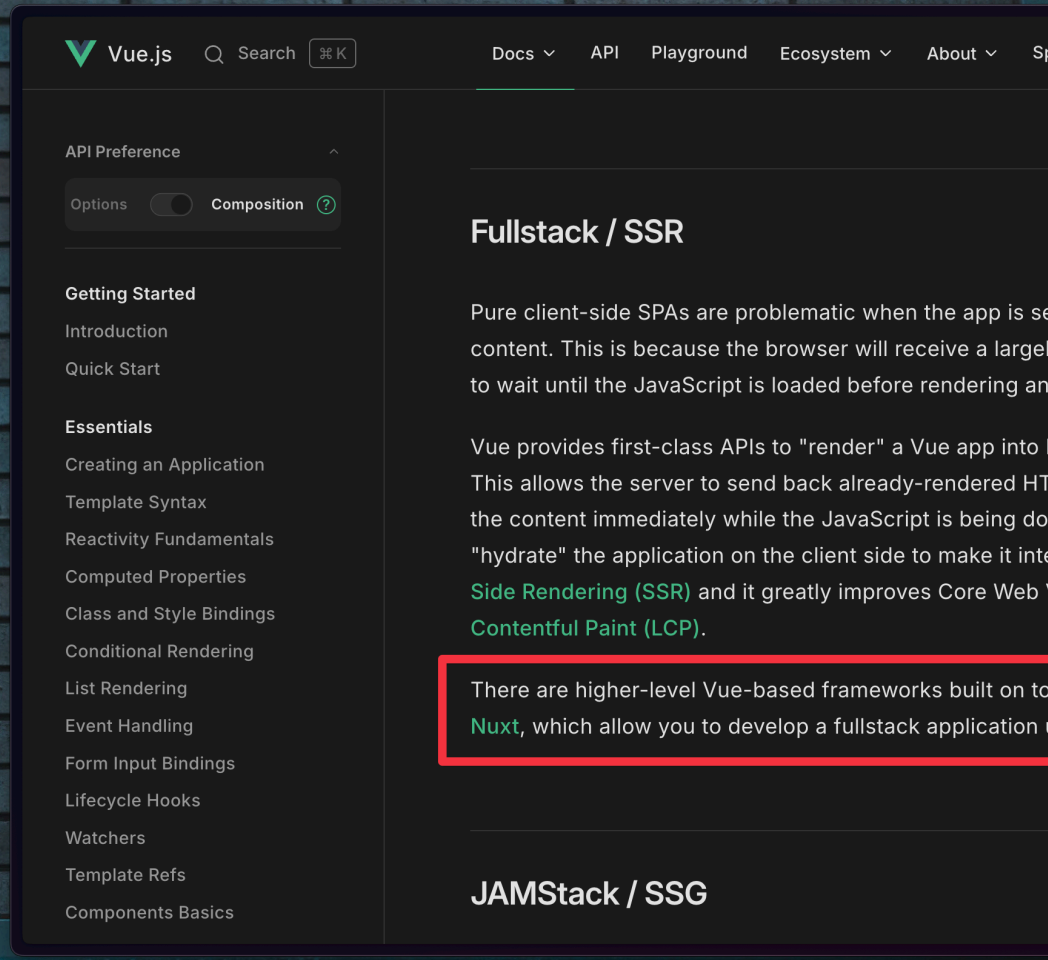
At React Conf, we updated our guidance on the best tool to get started building React Native apps: a **React Native framework** - a toolbox with all the necessary APIs to let you build production-ready apps.

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?

why use a meta-framework?




EXPRESS
6TH SMASH YEAR!
PRETTY WOMAN THE MUSICAL
COME FROM AWAY
MARRIOTT MARQUIS
AIRFRANCE
FRANCE IS IN THE AIR
AN OUTRAGEOUSLY INTERACTIVE CANDY WONDERLAND
CANDYTOPIA.COM
Give real.
AMERICAN EAGLE OUTFITTERS
McDonald's
wafels&dinges


in the beginning...
HTML
django
spring
Express
RAILS


capability

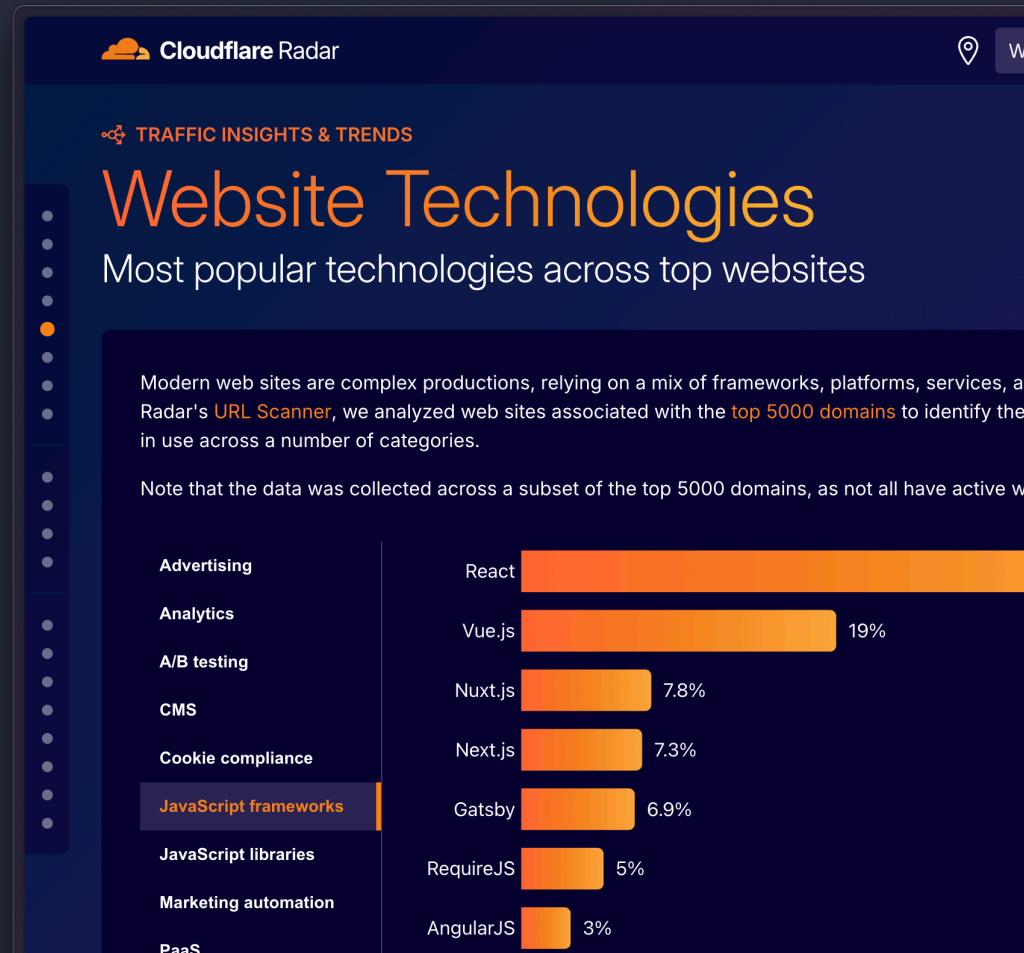

BILLY
... and necessity

keepers of the config

- developer experience
- server-side rendering

CLOUDFLARE RADAR

year in review 2023



analog	astro	deno fresh	eleventy	gatsby	next.js
2	21	3	5	10	21

nuxt	quasar	qwik	remix	solid start	sveltekit
66	27	8	2	4	19

roe.dev/feedback

52

- **Preference for Nuxt over Next**: Many users seem to prefer Nuxt over Next, calling it "king" and praising its simplicity and configurability, as well as the speed of development it facilitates.
- **Appreciation for Meta Frameworks**: There's a general positive feeling towards meta frameworks with some users even calling them the "new" frameworks, noting their capability, ease of use, and the convenience they offer in terms of developing apps.
- **Concerns about Complexity and Control**: Some users expressed concerns about the added complexity layer of meta frameworks and the potential lack of control, citing issues with server-side rendering (SSR) and error handling.
- **Suggestions for Improvement**: Users highlighted areas for improvement, such as better documentation for newcomers, more flexibility in choice of language (one user still preferred Java) and a need for less tech debts on handover.
- **Critiques and Praise for Specific Features**: Users gave mixed feedback on specific features such as documentation quality, default frameworks, speed of development and out-of-the-box functionality, while some mentioned a lack of confidence in performance and scalability in production.

In summary, the feedback was generally positive, with many users expressing proficient use and preference for Nuxt as a front-end meta framework; however, they also aired concerns about added complexities and control, indicating room for improvements in these areas.

Cute Kitty

deeper bundler integrations

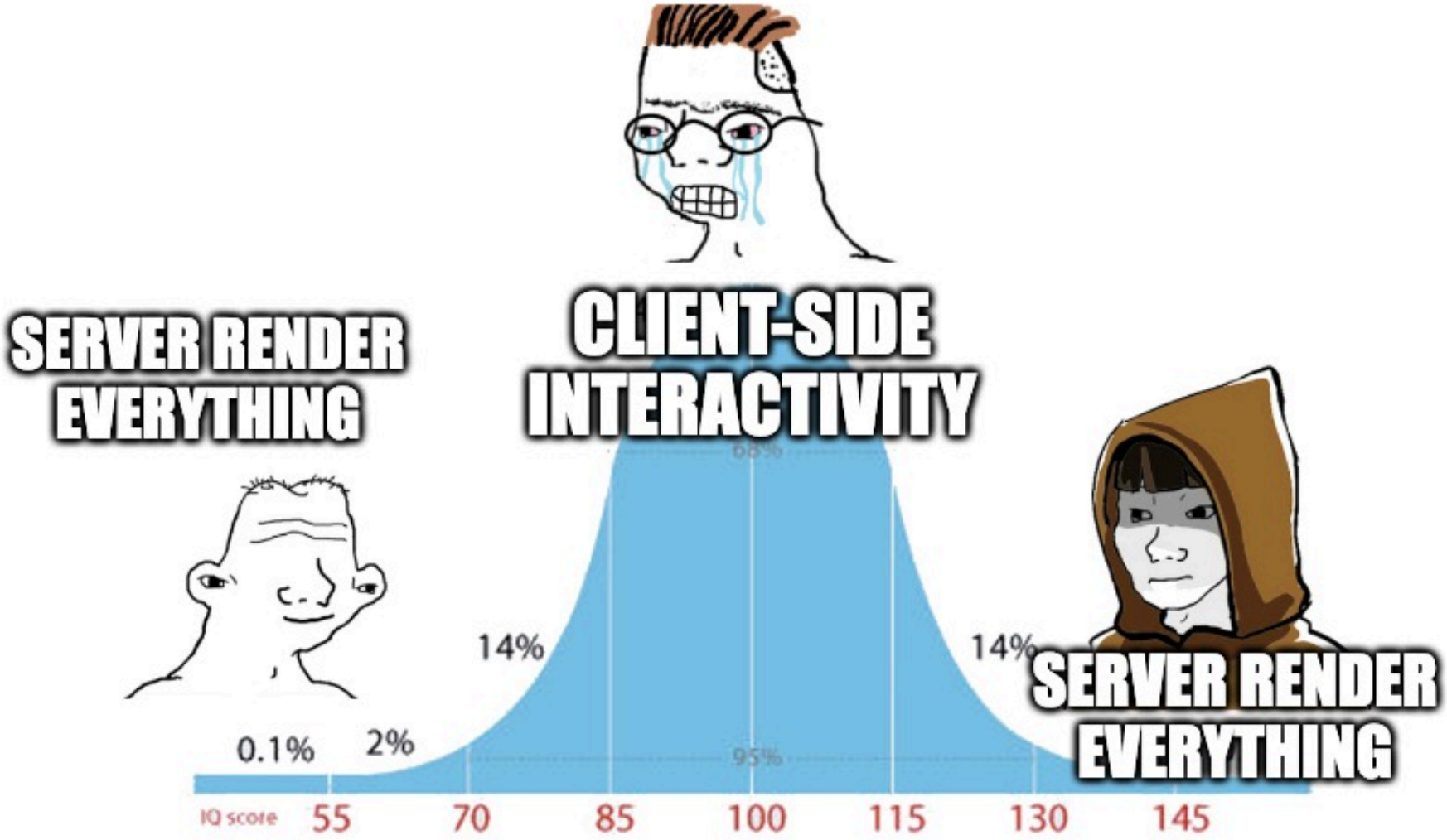
unlocking features

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

deeper bundler integrations

powered by faster bundlers

- rspack 
- rolldown 


SERVER RENDER EVERYTHING
CLIENT-SIDE INTERACTIVITY
SERVER RENDER EVERYTHING
68%
14%
14%
0.1%
2%
95%
IQ score
55
70
85
100
115
130
145

tighter vertical integrations

deployment platforms

tighter vertical integrations

platform primitives

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

tighter vertical integrations

two approaches

1. platform-centric
2. framework-centric

NEXT.JS

Nuxt

90+
PROVIDERS

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
- capaci
- prefe
- cloud
- filesyste
- 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

tighter vertical integrations

provider patterns

 nitro

 sveltekit

 astro

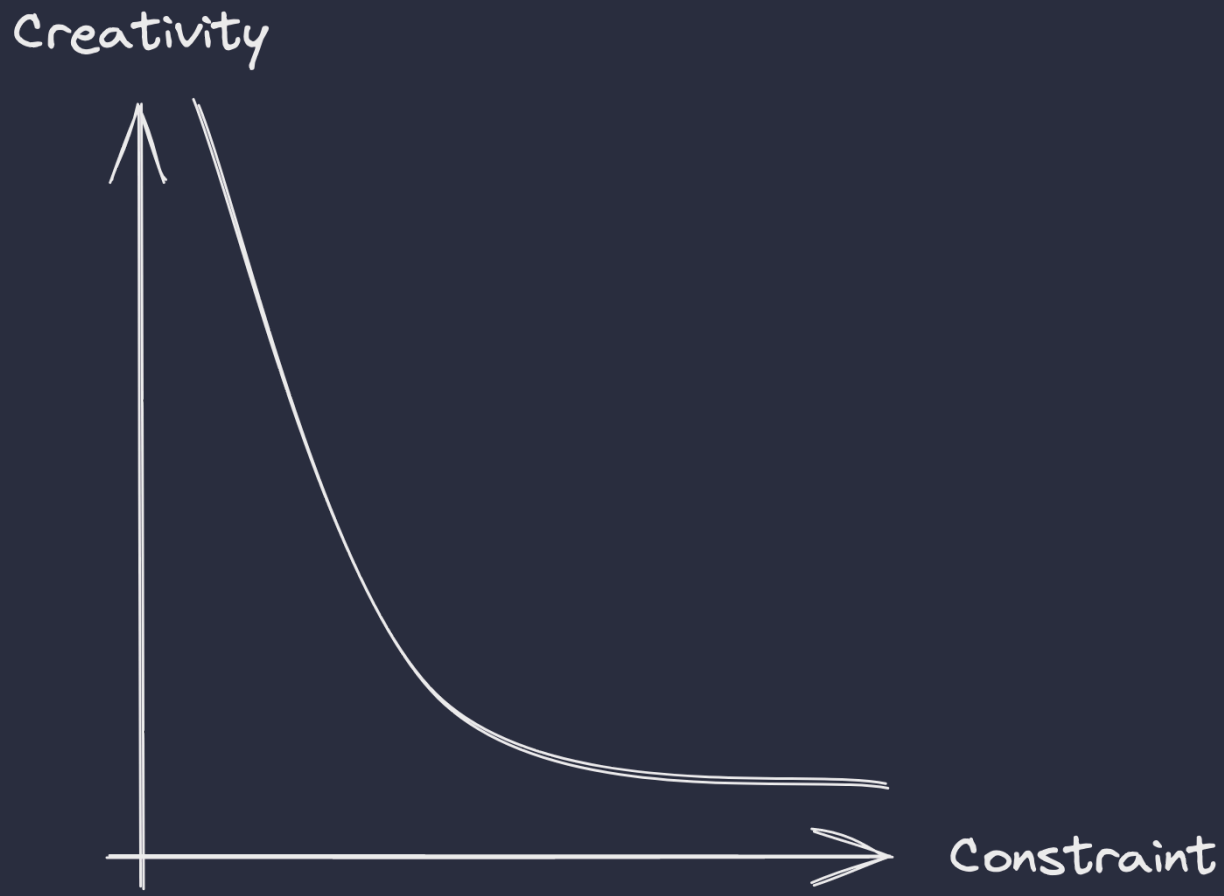
developer experience

intuition, convention + best practices

1. an unadulterated good
2. a ~~vicious~~ virtuous circle

a question

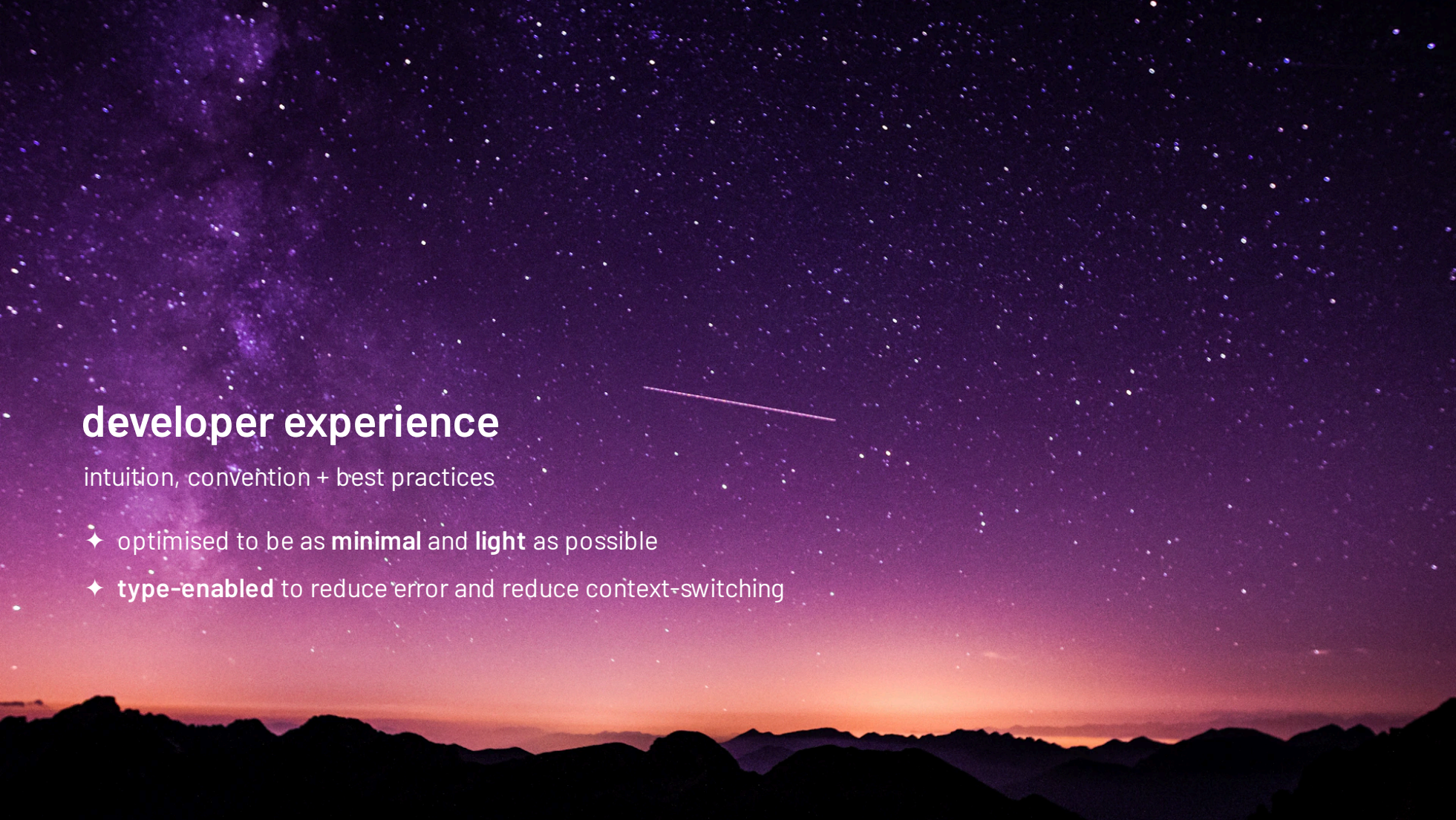
when have you felt the most productive?


Creativity
Constraint

developer experience

intuition, convention + best practices

- accessibility
- performance optimisations
- **nuxt/a11y**  ANTFU · DANIELROE
- **nuxt/hints**  BAROSHEM · DANIELROE
- **nuxt/scripts**  HARLAN-ZW · HUANG-JULIEN · FLASHDESIGNORY · HOUSSEINDJIRDEH


developer experience
intuition, convention + best practices
optimised to be as **minimal** and **light** as possible
type-enabled to reduce error and reduce context-switching

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Interested ... ?

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

  roe.dev/chat