

Partial Pre-rendering

Hype or Innovation?



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SSR



Request web page



Send HTML, CSS and JS



NEXT.JS

Render React to HTML Markup

SSG



Request web page



HTML, CSS, JS



CDN

NEXT.JS

Render to HTML Markup at build time



NEXT.JS

```
graph TD; A[NEXT.JS] --> B[Static Rendering]; A --> C[Dynamic Rendering];
```

The diagram features the text 'NEXT.JS' at the top center. Two white arrows originate from the bottom of the 'T' in 'NEXT.JS' and point downwards and outwards to the words 'Static Rendering' on the left and 'Dynamic Rendering' on the right. The background is a dark gray grid.

**Static
Rendering**

**Dynamic
Rendering**

<u>Route (app)</u>	<u>Size</u>	<u>First Load JS</u>
○ /	23.3 kB	112 kB
○ /_not-found	0 B	0 B
○ /about	185 B	88.6 kB
λ /api/contact	0 B	0 B
○ /blog	186 B	88.6 kB
λ /blog/[...slug]	17 kB	105 kB
○ /contact	19.5 kB	97.2 kB
○ /creator	2.51 kB	80.2 kB
○ /newsletter	141 B	77.8 kB
○ /opengraph-image.jpg	0 B	0 B
○ /oss	141 B	77.8 kB
○ /robots.txt	0 B	0 B
○ /sitemap.xml	0 B	0 B
○ /talks	181 B	82.7 kB
○ /testimonials	181 B	82.7 kB
○ /work	180 B	82.7 kB

- λ (Server) server-side renders at runtime (uses `getInitialProps` or `getServerSideProps`)
- (Static) automatically rendered as static HTML (uses no initial props)

Static Rendering

Servers pre-rendered pages from CDN

Good for less changing content

Faster page loads

Lower server overhead

Requires a rebuild for updates

Longer build times

Not suitable for dynamic content

Dynamic Rendering

Renders content for each request

Good for personalized content

Interactive User Experience

No need to rebuild for updates

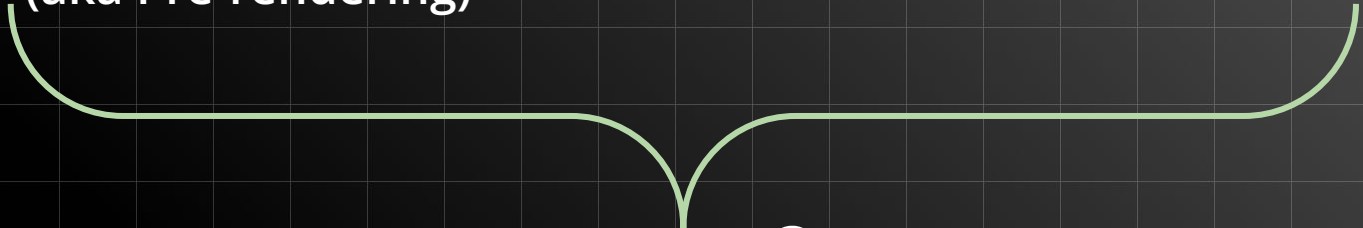
Increased server load

Slower page loads

Not suitable for static content

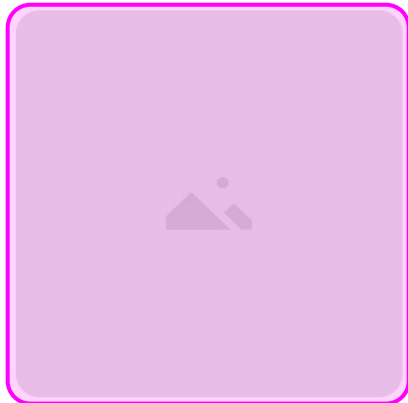
Static Rendering
(aka Pre-rendering)

Dynamic Rendering



**Partial
Pre-rendering**

Combines Static and Dynamic Rendering
on the same page!



Main Product

USP copy Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam a ultrices quam. Fusce rutrum mauris quis urna semper lacinia.

39.99\$

Order now and get it by **March 24**

Add to cart

Recommended for you



Lorem Ipsum



Lorem Ipsum



Lorem Ipsum



Lorem Ipsum



Lorem Ipsum



Lorem Ipsum

Testimonials



"Anders Pettersson Camilla
Holmgren i Jenny Forsberg."
Benny



"Lörem ipsum olle Sandberg Siv
Lundberg Lina Eklund."
Kelly



"Tobias Nordin John Sundberg i
Mats Carlsson Ella Lundström."
Rick

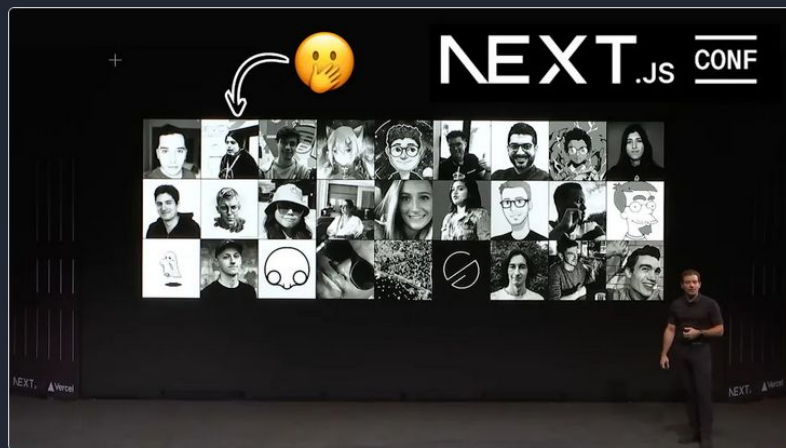
Static

Dynamic

< See all posts

Next.js Conf: Announcing Next.js 14 and a surprise for me!

📅 October 28, 2023 👁 1.5K views



Next.js Conf is an annual gathering for all of us React and Next.js fans, bringing a fresh wave of features and improvements to explore. Last year's introduction of Next.js 13 with its App router architecture, server component support, and exciting new features was a lot to take in. I've spent quite some time mastering these updates, and now I'm ready for the next big thing!

Dev

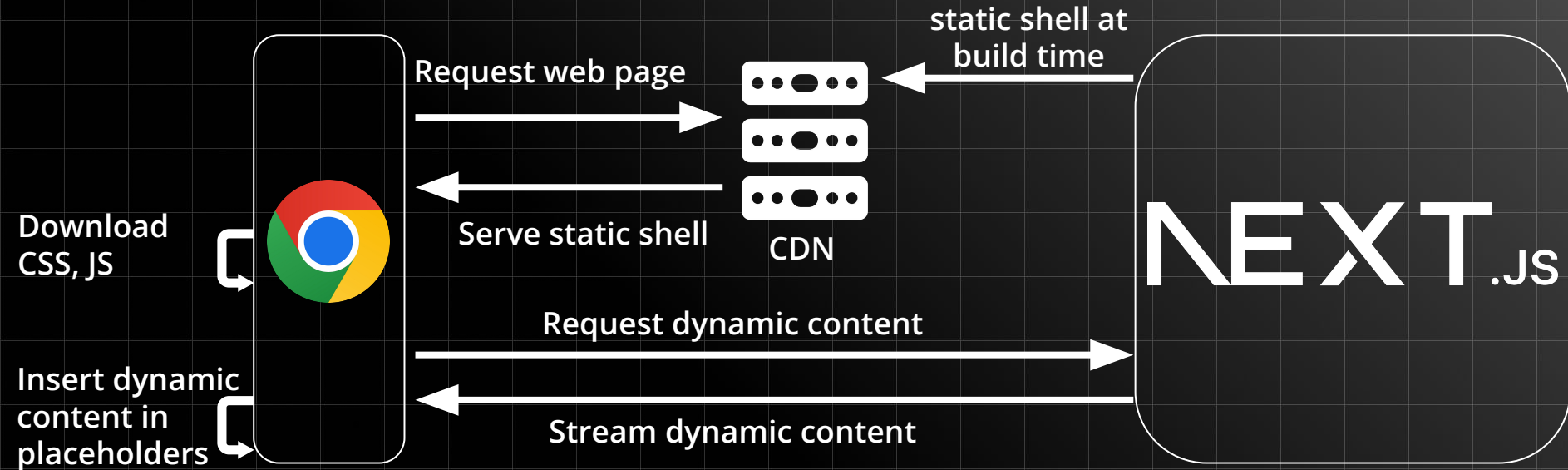
Enable the PPR flag
and use Suspense for
dynamic content

Build

Generate static shell
leaving holes for
dynamic content

Deploy

Static shell will be
served from CDN
Edge servers



Demo Time!

Hype or Innovation?

Hype

Still Experimental

Cumulative Layout Shift

Resource Management

Another layer of complexity

A Next.js thing

Innovation

Optimized Rendering Strategy

Fast Initial Visual

Default Rendering Model

Great UX and DX

A Next.js thing

Partial Pre-rendering

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