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Next.js 15 RC

New changes!

Next.js 15 RC

The Nextjs 15 release candidate(RC) is now available.

"RC" stands for "Release Candidate." A release candidate is a version of the software that is nearly ready for general release but may still have some minor bugs or issues that need to be fixed.

1 Changes

⚛ React 19 RC:

Next.js 15 seamlessly integrates with React 19, enabling developers to utilize advanced React features such as Concurrent Rendering and Automatic Batching, enhancing user experiences.

2 Changes

⚛ React Compiler:

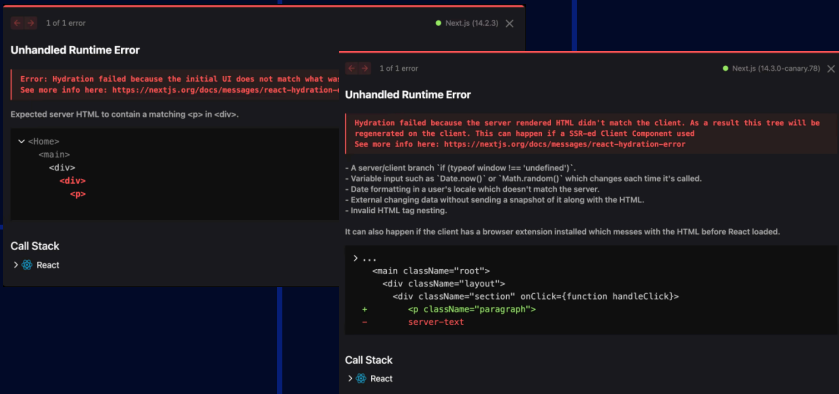The React Compiler is a new experimental compiler that deeply understands your code through its knowledge of plain JavaScript semantics and the Rules of React. This allows it to add automatic optimizations to your code, reducing the need for manual memoization with APIs like useMemo and useCallback, simplifying code and reducing errors.

Hydration Error:

Next.js 14.1 made improvements to error messages and hydration errors. Next.js 15 continues to build on those by adding an improved hydration error view. Hydration errors now display the source code of the error with suggestions on how to address the issue.

4 Changes

🖌️ Caching:

In Next.js 15, the default caching behavior for fetch requests, GET Route Handlers, and Client Router Cache has changed from cached by default to uncached by default. To retain the previous behavior, you can opt-in to caching.

5 Changes

Partial Prerenderin:

In Next.js 14, Partial Prerendering (PPR) combines static and dynamic rendering on the same page. Next.js defaults to static rendering unless dynamic functions like cookies(), headers(), or uncached data requests are used. PPR wraps dynamic UI in a Suspense boundary, serving a static HTML shell first and then streaming dynamic parts.

6 Changes

next/after:

When processing a user request, tasks like logging and analytics shouldn't delay the response. However, serverless functions stop once the response is closed, making it difficult to defer these tasks. The new after() API solves this by allowing secondary tasks to be scheduled and processed after the response has finished streaming, ensuring they run without blocking the primary response.
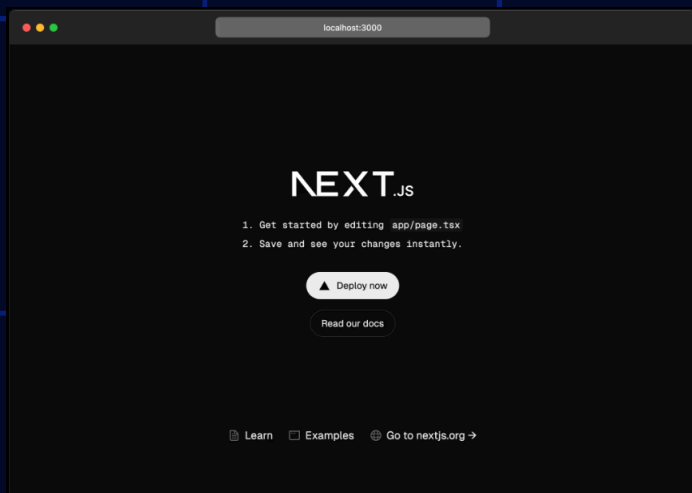
create-next-app updates

In Next.js 15, create-next-app now features a new design and includes a prompt to enable Turbopack for local development.

7 Changes

📦 Optimizing bundling of external packages

he new configuration option, bundlePagesRouterDependencies, streamlines the process of bundling external packages for both App and Pages Routers. Additionally, the serverExternalPackages option enables developers to exclude specific packages as needed.

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