

Next.js 기본

1 Next.js

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- Code has to be bundled using a **bundler** like webpack and **transformed** using a compiler like Babel.
- You need to do production optimizations such as **code splitting**.
- You might want to statically **pre-render** some pages for **performance** and **SEO**. You might also want to use server-side rendering or client-side rendering.
- You might have to write some **server-side** code to connect your React app to your data store.

Next Learn

(https://nextjs.org/learn/basics/create-nextjs-app?utm_source=next-site&utm_medium=nav-cta&utm_campaign=next-website)

Tutorial result

(<https://next-learn-starter.vercel.app/>)

When to use static generation vs Server-side Rendering(읽어보기)

Setup

(<https://nextjs.org/learn/basics/create-nextjs-app/setup>)

```
npx create-next-app nextjs-blog --use-npm --example  
"https://github.com/vercel/next-learn/tree/master/basics/learn-starter"
```

Navigate

(<https://nextjs.org/learn/basics/navigate-between-pages>)

/pages/posts/first-post

Link

import Link from “next/link”

```
<Link href=“/”><a>Back to home</a></Link>
```

a태그와 Link 태그로 감싼 a태그 속도 비교

Code splitting and prefetching

코드들이 적절히 분리(code splitting)되어 있고,
새로운 페이지에 접속할때 필요한 만큼만 로드한다.
수백페이지의 서비스더라도 청크가 크지 않다.

Link 태그를 사용했다면, 연결된 페이지 리소스를 미리 받아온다
(prefetching)
(production 모드에서 확인 가능)

Image optimization

(<https://nextjs.org/learn/basics/assets-metadata-css/assets>)

public 에 담아두고,
next/image 의 Image를 사용하면 img 태그를 사용하는 것보다 최적화
를 해준다. 빌드타임에는 영향없음

Metadata

(<https://nextjs.org/learn/basics/assets-metadata-css/metadata>)

import Head from “next/head”

(https://developer.mozilla.org/ko/docs/Learn/HTML/Introduction_to_HTML/The_head_metadata_in_HTML)

CSS

(<https://nextjs.org/learn/basics/assets-metadata-css/css-styling>)

styled-jsx / css / scss

tailwindcss 도 적용 가능

(<https://tailwindcss.com/docs/installation>)

CSS Modules

(<https://nextjs.org/learn/basics/assets-metadata-css/layout-component>)

xxxx.module.css 이란 이름으로 정해줘야 함

className의 유일성을 확보해줌

Global Styles

(<https://nextjs.org/learn/basics/assets-metadata-css/global-styles>)

pages/_app.js

styles/global.css

공통으로 적용하고 싶다면, 공통 영역에 세팅해야함

Polishing

(<https://nextjs.org/learn/basics/assets-metadata-css/polishing-layout>)

Styling Tips

(<https://nextjs.org/learn/basics/assets-metadata-css/styling-tips>)

classnames 라이브러리

정리

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다양한 기능을 추상화해서 제공

Navigate / prefetching

<a> with <Link> / code splitting

Image / Head

“next/image” / “next/head” - meta

built in styling / global

CSS modules / Sass / styled-jsx