

## Section 4 : Routing & Page Rendering - Deep Dive

09 September 2024 19:23



### Routing & Page Rendering

File-based Routing, Component Types & More

- ▶ Understanding **Routing** In NextJS Applications
- ▶ **File Name** Conventions & Project **Structure**
- ▶ **Server Components** vs **Client Components**

### A Challenge For You

Add two new pages

/news



Show a list of news item links

(for this exercise, it's enough to just output some dummy text)

### News Page

[First News Item](#)  
[Second News Item](#)  
[Third News Item](#)

# News Page

[First News Item](#)  
[Second News Item](#)  
[Third News Item](#)

## A Challenge For You

Add two new pages

/news



Show a list of news item links

(for this exercise, it's enough to just output some dummy text)

/news/<id>



Show a detail page for a news item

(for this exercise, it's enough to just output some dummy text)

# News Detail Page

## A Challenge For You

Add two new pages

/news



Show a list of news item links

(for this exercise, it's enough to just output some dummy text)

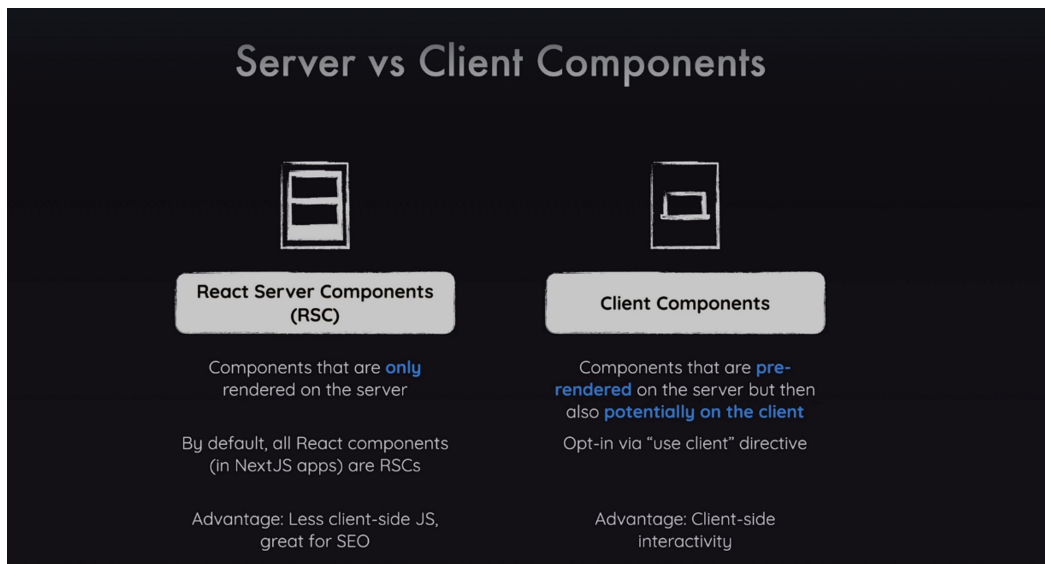
/news/<id>



Show a detail page for a news item

(for this exercise, it's enough to just output some dummy text)

Also add a `<MainHeader>` component that contains links to the (already existing) "Home" page and the newly added "News" page



## Intercepting Navigation & Using Interception Routes

### What's an intercepting route?

answer: it's an alternative route which sometimes gets activated depending on whether you are navigating to it through an internal link from within the page or you are coming from an external link, you manually enter the URL or you reload the page.

so for the same path, different pages are shown depending on how you got there. That's the idea behind the intercepting route because the intercepting route especially intercepts an internal navigation request and instead of showing the page you would see, if you would reload the page or come to the page from outside the website, a different page will be shown.