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not-found.js

The **not-found** file is used to render UI when the <u>notFound</u> function is thrown within a route segment. Along with serving a custom UI, Next.js will return a <u>200</u> HTTP status code for streamed responses, and <u>404</u> for non-streamed responses.

```
app/not-found.tsx
                                                                                  TypeScript ∨
     import Link from 'next/link'
 2
 3
    export default function NotFound() {
 4
      return (
        <div>
 5
          <h2>Not Found</h2>
 6
 7
          Could not find requested resource
          <Link href="/">Return Home</Link>
 9
        </div>
       )
10
    }
11
```

Good to know: In addition to catching expected <code>notFound()</code> errors, the root <code>app/not-found.js</code> file also handles any unmatched URLs for your whole application. This means users that visit a URL that is not handled by your app will be shown the UI exported by the <code>app/not-found.js</code> file.

Props

not-found.js components do not accept any props.

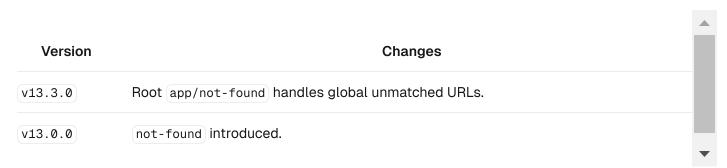
Data Fetching

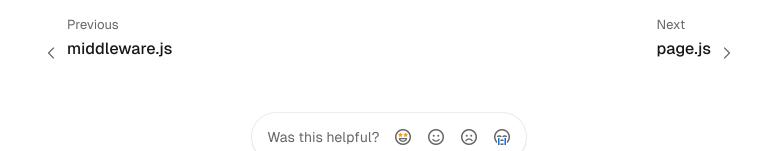
By default, [not-found] is a Server Component. You can mark it as [async] to fetch and display data:

```
Ts app/not-found.tsx
                                                                                   TypeScript ∨
     import Link from 'next/link'
     import { headers } from 'next/headers'
 4
    export default async function NotFound() {
 5
      const headersList = headers()
 6
       const domain = headersList.get('host')
       const data = await getSiteData(domain)
       return (
 9
         <div>
10
           <h2>Not Found: {data.name}</h2>
           Could not find requested resource
12
13
             View <Link href="/blog">all posts</Link>
14
           15
         </div>
       )
16
17
     }
```

If you need to use Client Component hooks like usePathname to display content based on the path, you must fetch data on the client-side instead.

Version History





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