

Role of type attribute in script tag / what options can I use there?

JSX :- & its Super Power:- (javascript + XML)

* Its a HTML like ~~Script~~ code.

* HTML like ~~element~~ ^{code} written inside JS

imp → * Inside it uses React.createElement which internally converts to object & then to DOM.

* It provides advantage in readability & also ~~performs~~ performs optimization while compiling the source code to JS.

* It prevents XSS-attack. It protects our application from an attacker trying to execute a DOM-Based XSS-attack.

// <https://www.stackhawk.com/blog/react-xss-guide-examples-and-prevention>
Role of type attribute in script

When we provide type=module, it treats js file as script as javascript module

* if we do not provide then bundler treat this as regular js file

* So normal js file won't have import keyword, so when we provide type="module" it identifies as javascript file as module & executes it by importing React as anything

from Packages.

other value for script type = "media-type"

- a) text/javascript (Default value)
- b) ~~text/babel~~
- c) application/javascript
- d) application/ecmascript.

Other values which can be used are.

text/babel

text/ecmascript.

✗ `<TitleComponent />` VS `{<TitleComponent />}` VS `<TitleComponent></TitleComponent>` in JSX

Consider (x) - `const TitleComponent = () =>`

`return(<h1> Hi this is Heading </h1>)`

It's a function returning JSX.

if we use this component inside `{}` then we get warning in console.

Soln // either we have to add `<TitleComponent />` in `<TitleComponent />`.

b) `<TitleComponent />`

It's valid way to return for react component.

c) `<TitleComponent></TitleComponent>` valid way. just closing is done explicitly.