

Assignment 2

14/3/2024

How to display images in react JS UI logic?

Importing Images:

- We can import static image files (like JPEG, PNG) directly into the React component using the ``import`` statement. This is suitable for images that are part of the application's UI and won't change dynamically.

Loading Images from URLs:

- We can display images fetched from external URLs by setting the ``src`` attribute of the ``img`` tag to the URL. This is useful for dynamic images or images stored on a server.

Using Third-Party Libraries:

- Several third-party libraries like React Bootstrap or Material UI provide pre-built image components with additional functionalities like lazy loading, responsiveness, and error handling. These can simplify image management in complex UIs.

What are the keys in react? How to use the keys?

Keys in React are unique identifiers assigned to elements within lists (like arrays) to improve performance and simplify UI updates.

They play a crucial role in React's reconciliation process, which determines how to efficiently update the DOM when changes occur in your components.

We can use keys by Assigning Keys:

When rendering a list of elements using the `map()` function or any other method, provide a key attribute to each element. The value of the key should be unique among siblings.