

React Render HTML

React's goal is in many ways to render HTML in a web page.

React renders HTML to the web page by using a function called `createRoot()` and its method `render()`.

The createRoot Function

The `createRoot()` function takes one argument, an HTML element.

The purpose of the function is to define the HTML element where a React component should be displayed.

The render Method

The `render()` method is then called to define the React component that should be rendered.

But render where?

There is another folder in the root directory of your React project, named "public". In this folder, there is an `index.html` file.

You'll notice a single `<div>` in the body of this file. This is where our React application will be rendered.

The Root Node

The root node is the HTML element where you want to display the result.

It is like a *container* for content managed by React.

It does NOT have to be a `<div>` element and it does NOT have to have the `id='root'`: