

useSearchParams()

The `useSearchParams()` hook is a built-in hook in the `react-router-dom` package that allows you to access and update the search parameters in the current URL query string.

The hook may returns an array with two items:

- 1) The first item is an instance of the `URLSearchParams` class that represents the search parameters in the current URL.
- 2) The second item is a function that can be used to update the search parameters. When this function is called with a new `SearchParams` instance or an object of key-value pair, the search parameters in the URL are updated accordingly.

useLocation()

The `useLocation()` hook is a built-in hook in the `react-router-dom` package that allows you to access the current location in your React components. The `useLocation()` hook returns an object with the following properties:

- * **pathname**: The current URL pathname (excluding the domain and query parameters)

- * **search**: The query string in the current URL (including the "?" character).

- * **hash**: The anchor portion of the current URL (including the "#" character).

- * **state**: An optional state object that was passed to the current location.