

hydrateRoot

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hydrateRoot

Kind: Function

Source: `src/jsx/dom/client.ts`

Part of: `Jsx`

Create a root object and hydrate app to the target element.

In `hono/jsx/dom`, `hydrate` is equivalent to `render`.

`hydrateRoot` creates a root object for a target DOM element and hydrates the application into that element. In `hono/jsx/dom`, hydration follows the same rendering behavior as `render`, connecting JSX output to the existing target container.

Signature

```
function hydrateRoot(element: HTMLElement | DocumentFragment, reactNode: Child, options: RootOp
```

Parameters

Name	Type
<code>element</code>	<code>HTMLElement</code>
<code>reactNode</code>	<code>Child</code>
<code>options</code>	<code>RootOptions</code>

Returns: `Root`

Diagram

```
graph LR
  App[JSX application] --> Hydrate[hydrateRoot]
  Target[Target DOM element] --> Hydrate
```

```
Hydrate --> Root[Root object]  
Root --> DOM[Rendered DOM]
```

Usage

```
import { hydrateRoot } from 'hono/jsx/dom/client'  
import { App } from './app'  
  
const container = document.getElementById('app')  
  
if (container) {  
  hydrateRoot(container, <App />)  
}
```

AI Coding Instructions

- Pass the DOM element that should contain the application as the first argument.
- Pass the application JSX node as the second argument.
- Keep client entry code responsible for locating the target element before calling `hydrateRoot`.
- Treat hydration in `hono/jsx/dom` the same way as rendering when integrating application startup code.