

jsxRenderer

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Kind: Function**Source:** `src/middleware/jsx-renderer/index.ts`**Part of:** [Middleware](#)

JSX Renderer Middleware for hono.

`jsxRenderer` creates Hono middleware that registers a JSX renderer for the current request. Routes can call `c.render()` with page content, and the renderer wraps that content in the supplied JSX component before returning an HTML response.

Signature

```
function jsxRenderer(component: ComponentWithChildren, options: RendererOptions | ((c: Context<
```

Parameters

Name	Type
<code>component</code>	<code>ComponentWithChildren</code>
<code>options</code>	<code>RendererOptions</code>

Returns: `MiddlewareHandler`

Diagram

```
graph LR
  A[Request] --> B[jsxRenderer middleware]
  B --> C[Register renderer on context]
  C --> D[Route handler]
  D --> E[c.render JSX content]
```

```
E --> F[Renderer component]
F --> G[HTML response]
```

Usage

```
import { Hono } from 'hono'
import { jsxRenderer } from 'hono/jsx-renderer'

const app = new Hono()

app.use(
  '*',
  jsxRenderer(({ children }) => (
    <html>
      <head>
        <title>My Hono App</title>
      </head>
      <body>
        <header>Site Header</header>
        {children}
      </body>
    </html>
  ))
)

app.get('/', (c) => {
  return c.render(
    <main>
      <h1>Hello from Hono</h1>
    </main>
  )
})

export default app
```

AI Coding Instructions

- Register `jsxRenderer` before routes that call `c.render()` .
- Keep `{children}` in the renderer component so route content is included in the response.
- Use `c.render()` for pages that should pass through the JSX renderer; use other response methods only when bypassing the page wrapper is intended.
- Keep shared document structure, such as `<html>` , `<head>` , and navigation, in the renderer component rather than duplicating it in route handlers.

