

SSEStreamingApi

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Kind: Class**Source:** `src/helper/streaming/sse.ts`**Part of:** [Helper](#)

`SSEStreamingApi` provides the Server-Sent Events streaming helper for the application. Its `writeSSE()` method writes data through the SSE response flow so connected clients can receive streamed updates.

Extends: `StreamingApi`

Methods

Method	Signature	Returns
<code>writeSSE</code>	<code>writeSSE(message: SSEMessage)</code>	<code>void</code>

Where it refuses work

- `SSEStreamingApi` stops the work with `Error` when `value && /\r\n/.test(value)` .

Diagram

```
graph LR
  A[Application event] --> B[SSEStreamingApi]
  B --> C[writeSSE()]
  C --> D[SSE response stream]
  D --> E[Connected client]
```

Usage

```
import { SSEStreamingApi } from './helper/streaming/sse';

const sseStreamingApi = new SSEStreamingApi();

sseStreamingApi.writeSSE();
```

AI Coding Instructions

- Keep SSE-specific output handling inside `SSEStreamingApi` .
- Call `writeSSE()` from code that already owns the active SSE response flow.
- Preserve the event formatting expected by connected SSE clients when changing `writeSSE()` .
- Handle closed or unavailable response streams at the integration point.