

JsonSocketOptions

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Kind: Interface

Source: `packages/microservices/helpers/json-socket.ts`

Part of: [Microservices](#)

`JsonSocketOptions` configures buffering behavior for the JSON socket helper used by the microservices transport layer. Its `maxBufferSize` property defines the maximum amount of incoming data that may be buffered while assembling and parsing JSON messages.

Properties

Property	Type
<code>maxBufferSize</code>	<code>number</code>

Diagram

```
graph LR
  Client[Socket Client] --> Socket[JSON Socket]
  Socket --> Buffer[Incoming Data Buffer]
  Buffer --> Limit[maxBufferSize]
  Limit --> Parser[JSON Message Parser]
  Parser --> Handler[Microservice Handler]
```

Usage

```
import { JsonSocketOptions } from './helpers/json-socket';

const socketOptions: JsonSocketOptions = {
  // Limit buffered incoming socket data to 1 MB.
  maxBufferSize: 1024 * 1024,
```

```
};
```

```
// Pass the options when creating or configuring the JSON socket.  
const jsonSocket = new JsonSocket(socket, socketOptions);
```

AI Coding Instructions

- Set `maxBufferSize` to a value appropriate for expected message sizes and available memory.
- Treat this limit as a safety boundary against malformed, incomplete, or excessively large socket payloads.
- Keep the value in bytes and document any non-default limits used by a transport configuration.
- Ensure socket integrations handle buffer-limit failures by closing, resetting, or reporting invalid connections as appropriate.