

WSContext

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WSContext

Kind: Class

Source: `src/helper/websocket/index.ts`

Part of: [Helper](#)

A context for controlling WebSockets

`WSContext` is a context object for controlling a WebSocket connection. It exposes methods to send through the connection and close it when the connection should end.

Methods

Method	Signature	Returns
<code>send</code>	<code>`send(source: string</code>	<code>ArrayBuffer</code>
<code>close</code>	<code>close(code: number, reason: string)</code>	<code>void</code>

Properties

Property	Type
<code>#init</code>	<code>WSContextInit<T></code>
<code>raw</code>	<code>T</code>
<code>binaryType</code>	<code>BinaryType</code>
<code>url</code>	<code>`URL</code>
<code>protocol</code>	<code>`string</code>

Diagram

```
graph LR
  Handler[WebSocket handler] --> Context[Context[WSContext]]
  Context --> Send[Send[send()]]
  Context --> Close[Close[close()]]
  Send --> Socket[WebSocket connection]
  Close --> Socket
```

Usage

```
import type { WSContext } from './helper/websocket'

function handleWebSocket(context: WSContext) {
  context.send()

  // Close the connection when no further messages should be sent.
  context.close()
}
```

AI Coding Instructions

- Treat `WSContext` as the interface for sending through and closing the active WebSocket connection.
- Call `send()` only while the connection is expected to remain open.
- Call `close()` when the handler has finished with the connection.
- Pass the existing `WSContext` through WebSocket handling code instead of creating alternate connection controls.

Used by

3 references from 3 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (3)

- `BunServerWebSocket` — `src/adapters/bun/websocket.ts` :8
- `upgradeWebSocket` — `src/adapters/cloudflare-workers/websocket.ts` :5
- `upgradeWebSocket` — `src/adapters/deno/websocket.ts` :4