

[WSCore](#) / WebSocketExtensionBuilder

Protocol

WebSocketExtensionBuilder

Protocol for WebSocket extension builder

```
protocol WebSocketExtensionBuilder : Sendable
```

Topics

Instance Methods

```
func clientExtension(from: WebSocketExtensionHTTPParameters) throws  
-> (any WebSocketExtension)?
```

construct client version of extension based of server response

Required Default implementation provided.

```
func clientRequestHeader() -> String
```

construct client request header

Required

```
func serverExtension(from: WebSocketExtensionHTTPParameters) throws  
-> (any WebSocketExtension)?
```

construct server version of extension based of client request

Required Default implementation provided.

```
func serverReponseHeader(to: WebSocketExtensionHTTPParameters) ->  
String?
```

construct server response header based of client request

Required

```
func serverResponseHeader(to: [WebSocketExtensionHTTPParameters]) -> String?
```

construct server response header based of all client requests

Type Properties

```
static var name: String
```

name of WebSocket extension name

Required

Relationships

Inherits From

Swift.Sendable

Conforming Types

WebSocketNonNegotiableExtensionBuilder

See Also

Extensions

```
protocol WebSocketExtension
```

Protocol for WebSocket extension

```
struct WebSocketExtensionContext
```

Basic context implementation of WebSocketContext.

`struct WebSocketExtensionHTTPParameters`

Parsed parameters from Sec-WebSocket-Extensions header

`struct WebSocketExtensionFactory`

Build WebSocket extension builder
