

[WSCore](#) / WebSocketExtensionFactory

Structure

WebSocketExtensionFactory

Build WebSocket extension builder

```
struct WebSocketExtensionFactory
```

Topics

Initializers

```
init(() -> any WebSocketExtensionBuilder)
```

Instance Properties

```
let build: () -> any WebSocketExtensionBuilder
```

Type Methods

```
static func nonNegotiatedExtension(() -> some WebSocketExtension) ->  
WebSocketExtensionFactory
```

Extension to be applied without negotiation with the other side.

```
static func perMessageDeflate(clientMaxWindow: Int?, clientNoContext  
Takeover: Bool, serverMaxWindow: Int?, serverNoContextTakeover: Bool  
, compressionLevel: Int?, memoryLevel: Int?, maxDecompressedFrame  
Size: Int, minFrameSizeToCompress: Int) -> WebSocketExtensionFactory
```

permessage-deflate websocket extension

```
static func perMessageDeflate(maxWindow: Int?, noContextTakeover: Bool, maxDecompressedFrameSize: Int, minFrameSizeToCompress: Int) -> WebSocketExtensionFactory
```

permessage-deflate websocket extension

Relationships

Conforms To

Swift.Sendable

See Also

Extensions

protocol WebSocketExtension

Protocol for WebSocket extension

protocol WebSocketExtensionBuilder

Protocol for WebSocket extension builder

struct WebSocketExtensionContext

Basic context implementation of [WebSocketContext](#).

struct WebSocketExtensionHTTPParameters

Parsed parameters from Sec-WebSocket-Extensions header
