🔲 **Documentation**                                          Language: Swift

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[HummingbirdWebSocket](#) / WebSocketServerConfiguration

Structure

# WebSocketServerConfiguration

Configuration for a WebSocket server

```
struct WebSocketServerConfiguration
```

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# Topics

## Initializers

init(maxFrameSize: Int, extensions: [WebSocketExtensionFactory],
autoPing: AutoPingSetup, closeTimeout: Duration, validateUTF8: Bool)
    Initialize WebSocketClient configuration

## Instance Properties

var autoPing: AutoPingSetup
    Auto ping

var closeTimeout: Duration
    How long server should wait for close frame from client before timing out

var extensions: [any WebSocketExtensionBuilder]
    WebSocket extensions

var maxFrameSize: Int

Max websocket frame size that can be sent/received

```
var validateUTF8: Bool
```

Should we check text messages are valid UTF8

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# Relationships

## Conforms To

```
Swift.Sendable
```

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# See Also

## Server

```
static func http1WebSocketUpgrade(configuration: WebSocketServer
Configuration, additionalChannelHandlers: @autoclosure () -> [any
RemovableChannelHandler], shouldUpgrade: (HTTPRequest, Channel,
Logger) async throws -> ShouldUpgradeResult<WebSocketDataHandler<
HTTP1WebSocketUpgradeChannel.Context>>) -> HTTPServerBuilder
```

HTTP1 channel builder supporting a websocket upgrade

```
static func http1WebSocketUpgrade(configuration: WebSocketServer
Configuration, additionalChannelHandlers: @autoclosure () -> [any
RemovableChannelHandler], shouldUpgrade: (HTTPRequest, Channel,
Logger) throws -> ShouldUpgradeResult<WebSocketDataHandler<HTTP1Web
SocketUpgradeChannel.Context>>) -> HTTPServerBuilder
```

HTTP1 channel builder supporting a websocket upgrade

```
static func http1WebSocketUpgrade<WSResponderBuilder>(webSocket
Router: WSResponderBuilder, configuration: WebSocketServer
Configuration, additionalChannelHandlers: @autoclosure () -> [any
RemovableChannelHandler]) -> HTTPServerBuilder
```

HTTP1 channel builder supporting a websocket upgrade

```
struct HTTP1WebSocketUpgradeChannel
```

Child channel supporting a web socket upgrade from HTTP1

```
struct AutoPingSetup
```

Automatic ping setup

```
enum ShouldUpgradeResult
```

Should HTTP channel upgrade to WebSocket