🔲 **Documentation**   Language: Swift

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Hummingbird… / HTTPServerBuilder/http1WebSocketUpgrade(configuration:additionalChannelHandlers:shouldUpg

Type Method

http1WebSocket Upgrade(configuration:additional ChannelHandlers:shouldUpgrade:)

HTTP1 channel builder supporting a websocket upgrade

```
static func http1WebSocketUpgrade(
    configuration: WebSocketServerConfiguration = .init(),
    additionalChannelHandlers: @autoclosure @escaping () -> [any Removable
ChannelHandler] = [],
    shouldUpgrade: @escaping (HTTPRequest, Channel, Logger) async throws ->
UpgradeResult<WebSocketDataHandler<HTTP1WebSocketUpgradeChannel.Context>>
) -> HTTPServerBuilder
```

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Discussion

- parameters

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See Also

Server

```
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 WebSocketServerConfiguration
```

Configuration for a WebSocket server

```
struct AutoPingSetup
```

Automatic ping setup

```
enum ShouldUpgradeResult
```

Should HTTP channel upgrade to WebSocket