⊟ **Documentation**   Language: Swift

HummingbirdWebSocket / WebSocketUpgradeMiddleware

Structure

WebSocketUpgradeMiddleware

An alternative way to add a WebSocket upgrade to a router via
Middleware

```
struct WebSocketUpgradeMiddleware<Context> where Context : WebSocket
RequestContext
```

Overview

This is primarily designed to be used with <u>RouterBuilder</u> but can be used with <u>Router</u> if
you add a route immediately after it.

Topics

Initializers

init(shouldUpgrade: (Request, Context) async throws -> RouterShould
Upgrade, onUpgrade: WebSocketDataHandler<WebSocketRouterContext<
Context>>)

Initialize WebSocketUpgradeMiddleare

Instance Methods

```
func handle(Request, context: Context, next: (Request, Context)
async throws -> Response) async throws -> Response
```

> WebSocketUpgradeMiddleware handler

Relationships

Conforms To

`MiddlewareProtocol`, `RouterMiddleware`, `Swift.Sendable`

See Also

Router

`protocol WebSocketRequestContext`

> Request context protocol requirement for routers that support WebSockets

`struct BasicWebSocketRequestContext`

> Default implementation of a request context that supports WebSockets

`struct WebSocketRouterContext`

> WebSocket Context for upgrades initiated via a router

`struct WebSocketHandlerReference`

> Reference to a WebSocket handler

`enum RouterShouldUpgrade`

> Enum indicating whether a router `shouldUpgrade` function expects a WebSocket upgrade or not