🔲 **Documentation**   Language: Swift

HummingbirdHTTP2 / HTTP2Channel

Structure

HTTP2Channel

Child channel for processing HTTP2

```
struct HTTP2Channel
```

Topics

Structures

```
struct Value
```

Initializers

```
init(responder: HTTPChannelHandler.Responder, configuration:
Configuration)
```
> Initialize HTTP2Channel

Instance Properties

```
let configuration: Configuration
```

Instance Methods

```
func handle(value: Value, logger: Logger) async
```

handle messages being passed down the channel pipeline

```
func setup(channel: Channel, logger: Logger) -> EventLoopFuture<
Value>
```

Setup child channel for HTTP1 with HTTP2 upgrade

Type Aliases

```
typealias Configuration
```

Default Implementations

☰   ServerChildChannel Implementations

Relationships

Conforms To

```
ServerChildChannel, Swift.Sendable
```

See Also

Server

```
static func http2Upgrade(tlsConfiguration: TLSConfiguration,
configuration: HTTP2UpgradeChannel.Configuration) throws ->
HTTPServerBuilder
```

Build HTTP channel with HTTP2 upgrade

```
static func http2Upgrade(tlsChannelConfiguration: TLSChannel
Configuration, configuration: HTTP2UpgradeChannel.Configuration)
throws -> HTTPServerBuilder
```

Build HTTP channel with HTTP2 upgrade

```
static func plaintextHTTP2(configuration: HTTP2Channel.Configuration
) -> HTTPServerBuilder
```

Build plaintext HTTP2 channel

```
struct HTTP2UpgradeChannel
```

Child channel for processing HTTP1 with the option of upgrading to HTTP2 via ALPN