

[HummingbirdCore](#) / [HTTPServerBuilder](#) / http2Upgrade(tlsConfiguration:configuration:)

Type Method

http2Upgrade(tlsConfiguration:configuration:)

Build HTTP channel with HTTP2 upgrade

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

Parameters

tlsConfiguration

TLS configuration

configuration

HTTP2 Upgrade channel configuration

Return Value

HTTPChannelHandler builder

Discussion

Use in [Application](#) initialization.

```
let app = Application(  
    router: router,  
    server: .http2Upgrade(configuration: .init(tlsConfiguration: tlsConfigur  
    )
```

See Also

Server

```
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

```
struct HTTP2Channel
```

Child channel for processing HTTP2