⊟ **Documentation**   Language: Swift

Hummingbird / MiddlewareGroup

Class

MiddlewareGroup

Group of middleware that can be used to create a responder chain. Each middleware calls the next one

```
final class MiddlewareGroup<Context>
```

Topics

Instance Methods

```
func add(any MiddlewareProtocol<Request, Response, Context>) -> Self
```
   Add middleware to group

```
func constructResponder(finalResponder: any HTTPResponder<Context>)
-> any HTTPResponder<Context>
```
   Construct responder chain from this middleware group

See Also

Middleware

```
protocol MiddlewareProtocol
```

Middleware protocol with generic input, context and output types

enum `MiddlewareFixedTypeBuilder`

Middleware stack result builder

protocol `RouterMiddleware`

Version of <u>MiddlewareProtocol</u> whose Input is <u>Request</u> and output is <u>Response</u>.

struct `CORSMiddleware`

Middleware implementing Cross-Origin Resource Sharing (CORS) headers.

struct `LogRequestsMiddleware`

Middleware outputting to log for every call to server.

struct `MetricsMiddleware`

Middleware recording metrics for each request

struct `TracingMiddleware`

Middleware creating Distributed Tracing spans for each request.