📑 **Documentation**   Language: Swift

Hummingbird / HTTPResponderBuilder

Protocol

HTTPResponderBuilder

A type that has a single method to build a HTTPResponder

```
protocol HTTPResponderBuilder
```

Topics

Associated Types

associatedtype Responder : HTTPResponder

Required

Instance Methods

func buildResponder() –> Responder

build a responder
Required

Relationships

Conforming Types

```
Router
```
```
RouterBuilder
```

Conforms when `Context` conforms to `RouterRequestContext`, `Context` is `Handler.Context`,
`Handler` conforms to `MiddlewareProtocol`, `Handler.Input` is `Request`, and `Handler.Output` is
`Response`.

See Also

Router

`class Router`

Create rules for routing requests and then create `Responder` that will follow these
rules.

`struct RouterGroup`

Used to group together routes under a single path. Additional middleware can be
added to the endpoint and each route can add a suffix to the endpoint path

`class RouteCollection`

Collection of routes

`protocol RouterMethods`

Conform to `RouterMethods` to add standard router verb (get, post …) methods

`struct RouterOptions`

Router Options

`protocol HTTPResponder`

Protocol for object that produces a response given a request

`struct CallbackResponder`

Responder that calls supplied closure

`struct RouterResponder`

`struct EndpointPath`

Endpoint path storage

struct `RouterPath`

Split router path into components

struct `RequestID`

Generate Unique ID for each request