

[Hummingbird](#) / RouterResponder

Structure

RouterResponder

```
struct RouterResponder<Context> where Context : RequestContext
```

Topics

Instance Methods

```
func respond(to: Request, context: Context) async throws -> Response
```

Respond to request by calling correct handler

Relationships

Conforms To

HTTPResponder, Swift.Sendable

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

`protocol HTTPResponderBuilder`

A type that has a single method to build a `HTTPResponder`

`struct CallbackResponder`

Responder that calls supplied closure

`struct EndpointPath`

Endpoint path storage

`struct RouterPath`

Split router path into components

`struct RequestID`

Generate Unique ID for each request