

[HummingbirdCore](#) / Response

Structure

Response

Holds all the required to generate a HTTP Response

```
struct Response
```

Topics

Initializers

```
init(status: HTTPResponse.Status, headers: HTTPFields, body: ResponseBody)
```

Initialize Response

Instance Properties

```
var body: ResponseBody
```

Response body

```
var head: HTTPResponse
```

Response head constructed from status and headers

```
var headers: HTTPFields
```

Response headers

```
var status: HTTPResponse.Status
```

Response status

Instance Methods

```
func createHeadResponse() -> Response
```

Return HEAD response based off this response

```
func setCookie(Cookie)
```

Set cookie on response

Type Methods

```
static func redirect(to: String, type: RedirectType) -> Response
```

Create a redirect response

Enumerations

```
enum RedirectType
```

Specifies the type of redirect that the client should receive.

Default Implementations

- ☰ CustomStringConvertible Implementations
- ☰ ResponseGenerator Implementations

Relationships

Conforms To

ResponseGenerator
Swift.Copyable
Swift.CustomStringConvertible

Swift.Sendable

See Also

Request/Response

`struct Request`

Holds all the values required to process a request

`typealias Parameters`

Parameters is a special case of FlatDictionary where both the key and value types are Substrings. It is used for parameters extracted from URIs

`struct MediaType`

Define media type of file

`struct CacheControl`

Associates cache control values with filename

`protocol ResponseBodyWriter`

HTTP Response Body part writer

`struct EditedResponse`

`struct Cookie`

Structure holding a single cookie

`struct Cookies`

Structure holding an array of cookies
