





```
val echo: Handler = { r: Request => Response(OK).body(r.body) }
```

```
val server: Http4kServer = echo.asServer(Jetty(8000)).start()
```

***jetty://***

The Undertow logo consists of a stylized, grey, U-shaped wave icon above the word "undertow" in a bold, dark blue, sans-serif font.The Sun HttpServer logo features a blue icon of a hand with fingers spread, positioned to the left of the word "Sun" in a blue, cursive script font. Below "Sun", the words "HttpServer" are written in a smaller, blue, sans-serif font.



# Functions on a network!

We can attach an `HttpHandler` to a running container

```
val echo: HttpHandler = { r: Request -> Response(OK).body(r.body) }
```

```
val server: Http4kServer = echo.asServer(Jetty(8000)).start()
```

The logo for Jetty, featuring the word "jetty://" in a stylized, italicized orange font.

# HTTP Clients

**“It turns an HTTP Request into an HTTP Response”**

ie. it's an `HttpHandler`!

`HttpHandler: (Request) -> Response`