

# Request-level API



# Goal

## Multiple client API levels

- connection-level API
- host-level API
- request-level API

## Request-level API benefits:

- the freedom from managing *anything*
- dead simple



# Recap

Akka HTTP client: request-level API

```
val responseFuture = Http().singleRequest(HttpRequest("http://my.web.service.com"))
```



Future[HttpResponse]

The diagram shows an orange arrow pointing from the `singleRequest` method in the code snippet above to the `Future[HttpResponse]` text in this box.

Best for:

- low-volume, low-latency requests

Do not use the request-level API for:

- high volume (use the host-level API)
- long-lived requests (use the connection-level API)

**Akka rocks**

