

High-level API

Intro



Goal

Familiarize with the high-level server API (routing DSL)

- Routes
- Directives



Recap

A much shorter and more intuitive server API

```
import akka.http.scaladsl.server.Directives._
```

An HTTP server contains routes, composed of directives

```
val myRoute =  
  path("home") {  
    get {  
      complete(HttpEntity(  
        ContentTypes.`text/html(UTF-8)`,  
        "<html><body> Hello,directive! </body></html>"  
      ))  
    }  
    post {  
      complete(StatusCodes.Forbidden)  
    }  
  }
```

very important!

```
Http().bindAndHandle(myRoute, interface = "localhost", port = 8080)
```

(implicitly converted to flow)

Akka rocks

