

Enviar un mensaje TCP entre un cliente en Swift para un Apple Watch y un servidor en Kotlin que se ejecuta en IntelliJ IDEA

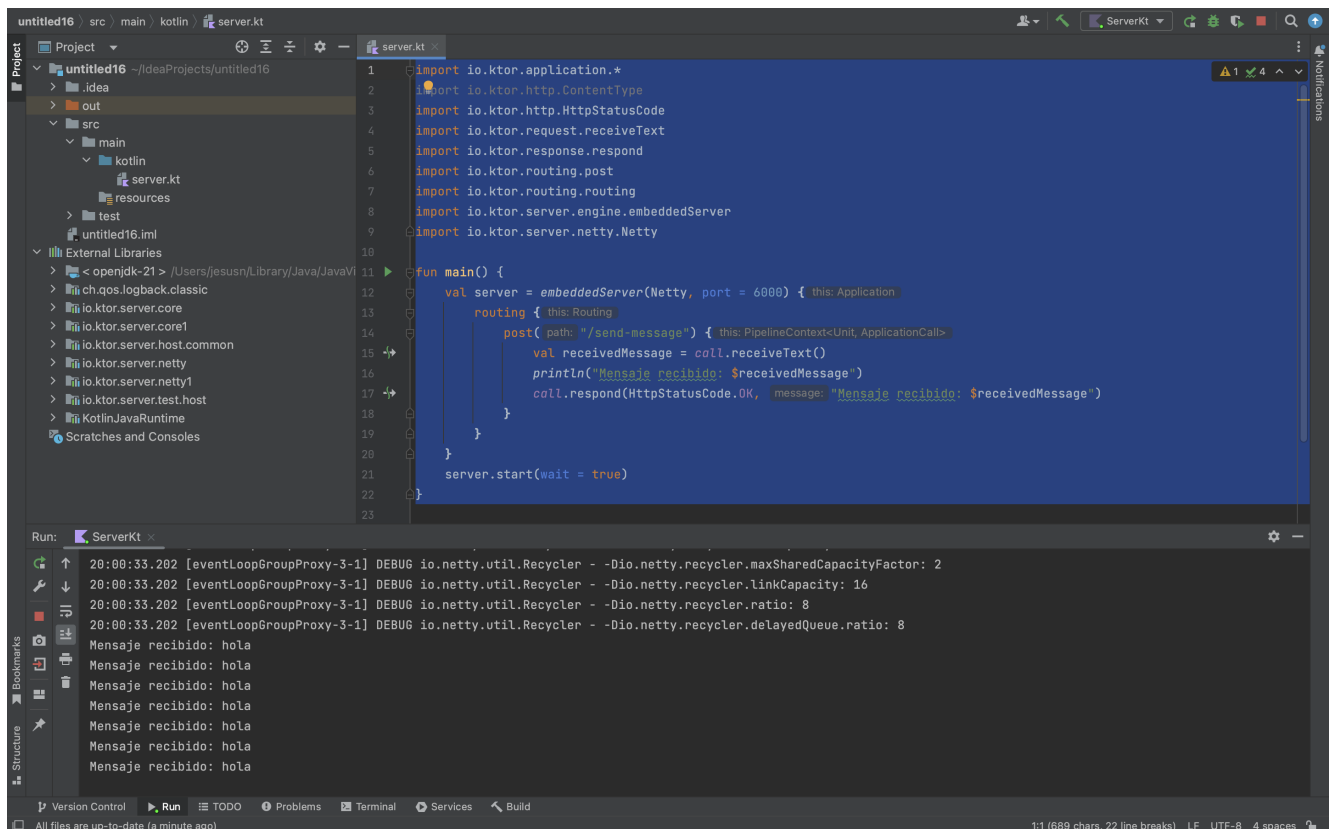
Servidor en Kotlin

Importar librerías

[crayon-6a617eff3b5ef803209960/]

Código del servidor

[crayon-6a617eff3b5f5393826206/]



The screenshot displays the IntelliJ IDEA IDE interface. The main editor window shows a Kotlin file named `server.kt` with the following code:

```
1 import io.ktor.application.*
2 import io.ktor.http.ContentType
3 import io.ktor.http.HttpStatusCode
4 import io.ktor.request.receiveText
5 import io.ktor.response.respond
6 import io.ktor.routing.post
7 import io.ktor.routing.routing
8 import io.ktor.server.engine.embeddedServer
9 import io.ktor.server.netty.Netty
10
11 fun main() {
12     val server = embeddedServer(Netty, port = 6000) { this: Application
13         routing { this: Routing
14             post("/send-message") { this: PipelineContext<Unit, ApplicationCall>
15                 val receivedMessage = coll.receiveText()
16                 println("Mensaje recibido: $receivedMessage")
17                 coll.respond(HttpStatusCode.OK, message = "Mensaje recibido: $receivedMessage")
18             }
19         }
20     }
21     server.start(wait = true)
22 }
```

The bottom panel shows the Run console output for the `ServerKt` application. It displays several debug messages from `io.netty.util.Recycler` and a series of messages received by the server:

```
20:00:33.202 [eventLoopGroupProxy-3-1] DEBUG io.netty.util.Recycler - -Dio.netty.recycler.maxSharedCapacityFactor: 2
20:00:33.202 [eventLoopGroupProxy-3-1] DEBUG io.netty.util.Recycler - -Dio.netty.recycler.linkCapacity: 16
20:00:33.202 [eventLoopGroupProxy-3-1] DEBUG io.netty.util.Recycler - -Dio.netty.recycler.ratio: 8
20:00:33.202 [eventLoopGroupProxy-3-1] DEBUG io.netty.util.Recycler - -Dio.netty.recycler.delayedQueue.ratio: 8
Mensaje recibido: hola
Mensaje recibido: hola
Mensaje recibido: hola
Mensaje recibido: hola
Mensaje recibido: hola
Mensaje recibido: hola
Mensaje recibido: hola
```

The status bar at the bottom indicates the file is up-to-date, the encoding is UTF-8, and there are 4 spaces per tab.

Cliente en Swift para el Apple Watch

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