

Brisbane Kotlin User Group

Ktor



BNE

<http://ktor.io/>

Overview

- A web application framework written in Kotlin, for Kotlin. Pitched as a multi platform application framework
- Currently just supports JVM server scenarios.
- Embedded with Jetty/Netty as a self executable or can be hosted in servlet containers like Tomcat



Overview

- Makes heavy use of coroutines, ideal for asynchronous workloads
- Unopinionated as to what other underlying frameworks and tools are used.
Pick your own logging, DI, persistence, templating etc
- Designed for Kotlin, and exposes familiar type-safe DSLs



Overview - Features

- Routing
- Locations
- Sessions
- Authentication
- CORS
- ContentNegotiation
- Logging
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Hello World

```
fun Application.main() {  
    install(DefaultHeaders)  
    install(CallLogging)  
    install(Routing) {  
        get(path: "/") {  
            call.respondText(text: "Hello, World!")  
        }  
    }  
}
```



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