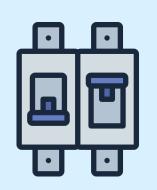


Resilience Mechanisms





Circuit Breaker

Temporarily blocks possible failures









Problem

No libraries that provide resilience mechanisms in a multiplatform context

Technologies



Kotlin Multiplatform Allows sharing code across multiple platforms

Kotlin/JS

Kotlin/Native

Kotlin/JVM

Kotlin/Android











Frameworks



Ktor

Asynchronous Kotlin Multiplatform server and client development



Supervisor: Prof. Pedro Félix Author: Francisco Engenheiro - 49428 Project and Seminary BSc in Computer Science and Engineering Summer 2023/2024