

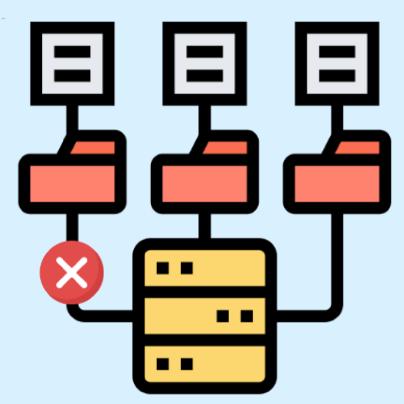
Kotlin/JS

# Kresil

#### **Kotlin Resilience**

**Kotlin Multiplatform library** for fault-tolerance

### **Problem**



If failures in distributed system are inevitable,

what can be done?

## **Technologies**



**Kotlin Multiplatform** Allows sharing code across multiple platforms

**Kotlin/Native** 

**Kotlin/JVM** 

**Kotlin/Android** 











### **Frameworks**



#### **Ktor**

**Asynchronous Kotlin Multiplatform Server and Client Development** 

## Resilience Mechanisms





# **Circuit Breaker**

**Temporarily blocks** possible failures













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