Defining Functions and Running them with Coroutine Builders

Kevin Jones

@kevinrjones   www.rocksolidknowledge.com

Coroutine Builders

Coroutines have to be run inside a 'context'

- Define 'builders' to do this

Calling certain functions only make sense inside this context

- e.g. 'delay'

- Must mark these with 'suspend' keyword

World of Coroutines

Coroutines have to be 'managed'
– Run inside a 'context'

Need to build this 'context'

This is the role of coroutine builders
– 'launch', 'runBlocking' and others

Demo

Running coroutines

Summary

Use coroutine builders to run coroutines

Many different builders
- launch, runBlocking

Suspend functions can only run in coroutine context

Use runBlocking to bridge blocking and non-blocking worlds

What's Next