Composing Functions and Returning Data from Coroutines

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Cooperating Coroutines

Until now, coroutines have been fire and forget

- What if we want to get the data from a coroutine?
- Or discover why the coroutine has finished?

Using async Coroutine Builder

'launch' coroutine builder returns a job object

'async' coroutine builder returns a Deferred

- Can use this later in your code
- Derives from Job

Demo

Using async coroutines

Summary

'async' coroutine builder takes a different approach to other languages

- Kotlin prefers sequential code to concurrent code
- Function could still be suspending
- Returns a 'Deferred' through which can get the data

What's Next