

Scala Concurrency

Practical Exercises

Chapter 2: Introduction to Akka

1. Write an actor that processes messages requesting basic arithmetic operations to be performed on a pair of Int values. For now, have your actor simply log the fact that a message has been received.
2. Modify your solution, so that the Arithmetic actor sends a response message to the requester containing the result of applying the operation.
3. Refactor your solution so that instead of handling all the requests inside a single actor, the main actor creates child actors to carry out the calculation, one for each operation.