Intro to

JVM Concurrency

Concurrency Problems on the JVM

Takeaways

JVM Threads

converted to a Runnable

```
val myThread = new Thread(() => println("I'm running in parallel"))
myThread.start()
```

Executors and thread pools

```
val pool: ExecutorService = Executors.newFixedThreadPool(10)
```

Concurrency problems!

```
account.synchronized {
    account.subtract(price)
}
```

```
@volatile var account: Int = 50000
```

Sequencing problems: the *sleep fallacy*

Scala rocks