

JVM Concurrency



JVM Parallel Primitives

Threads

```
val runnable = new Runnable { ... }  
val aThread = new Thread(runnable)  
aThread.start() // will run the runnable on some JVM thread  
aThread.join() // block the calling thread until thread finishes
```

Order of execution not guaranteed!

Executors/thread pools

```
val threadPool = Executors.newFixedThreadPool(4)  
  
// submit (schedule) a computation  
threadPool.execute(() => println("something in the thread pool"))  
  
// shut down the thread pool (after active threads are done)  
threadPool.shutdown()
```

The JVM rocks

