

Testing



Testing

```
import zio._
import zio.test._

object ASuiteSpec extends ZIOSpecDefault {
  def spec = suite("Full suite of tests")(
    test("simple test") {
      assertTrue(1 + 3 == 4)
    },
    test("a second test") {
      assertZIO(ZIO.succeed("Scala"))(Assertion...)
    },
    // sub-suites
    suite("a nested suite")(
      test("a nested test") {
        assert(List(1,2,3))(Assertion... && Assertion...)
      },
      test("another nested test") {
        assert(List(1,2,3).headOption)(Assertion...)
      }
    )
  )
}
```

import ZIO testing package

simple ZIO app running tests

(usually) a suite containing tests

each test finishes with an assertion

assertions on ZIO effects

- arbitrary booleans
- equality
- failure/death
- specialized predicates

combine assertions

ZIO rocks

