## Futures and Promises



## Back to the Future[T]

Future[T] is a computation which will finish at some point

non-blocking processing

```
future.onComplete { case Success(recipes) => ... }
```

map, flatMap, filter, for-comprehensions

```
falling back

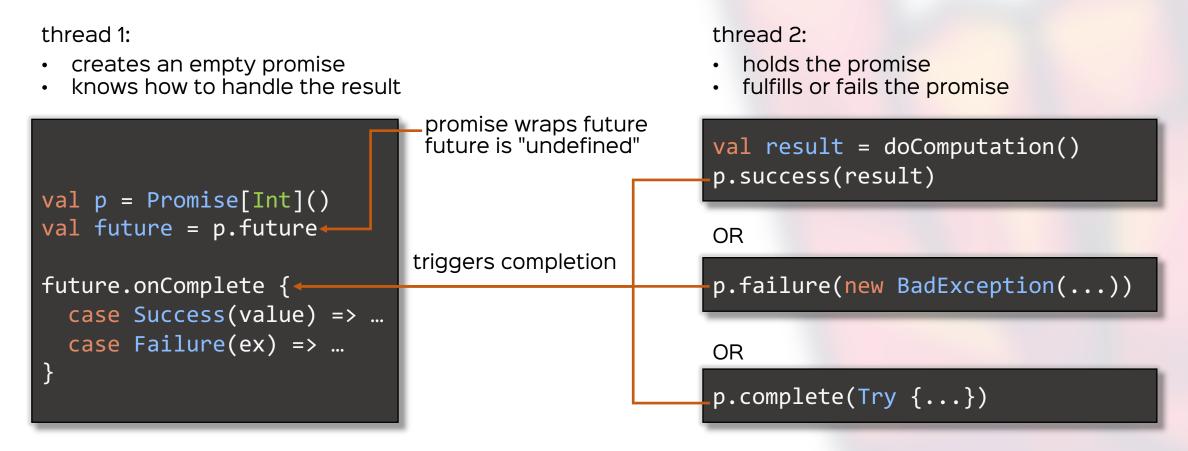
future.recover { case NotFoundException => ... }

blocking if need be

val txStatus = Await.result(transaction, 1 seconds)
```

## Making Promises

Futures are immutable, "read-only" objects. *Promises* are "writable-once" containers over a future.



## Scala rocks

