Fault Tolerance

Goal

React to failures in streams

Recap

Logging

```
myStream.log("my tag")
```

Recovering

```
myStream.recover {
  case ex: RuntimeException => 42
}
```

```
myStream.recoverWithRetries(3, {
  case ex: RuntimeException => anotherStream
})
```

Backoff supervision

```
RestartSource.onFailuresWithBackoff(
  minBackoff = 1 second,
  maxBackoff = 30 seconds,
  randomFacotr = 0.2,
  maxRestarts = 10,
)(createAnotherSourceInCaseOfFailure)
```

Supervision strategies

```
myStream.withAttributets(ActorAttributes.supervisionStrategy(decider))
```

Akka rocks