

Example: repartitioning

- [[KAFKA-8846](#)] JIRA issue
- Repartitioning causes unexpected output
- Without repartitioning, expected output is returned
- TestTopologyDriver returns expected output

Side-effects

- Inevitably your stream may have to perform some side-effects (HTTP call, db lookup/write)
- Lose guarantees/properties of Kafka (eg, processing guarantees, notion of time)
- Side effects + replaying messages = :(
- Get out of jail card: idempotent/append only calls