

Distributed Sagas

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Sporty Tights, Inc The SF Eagle

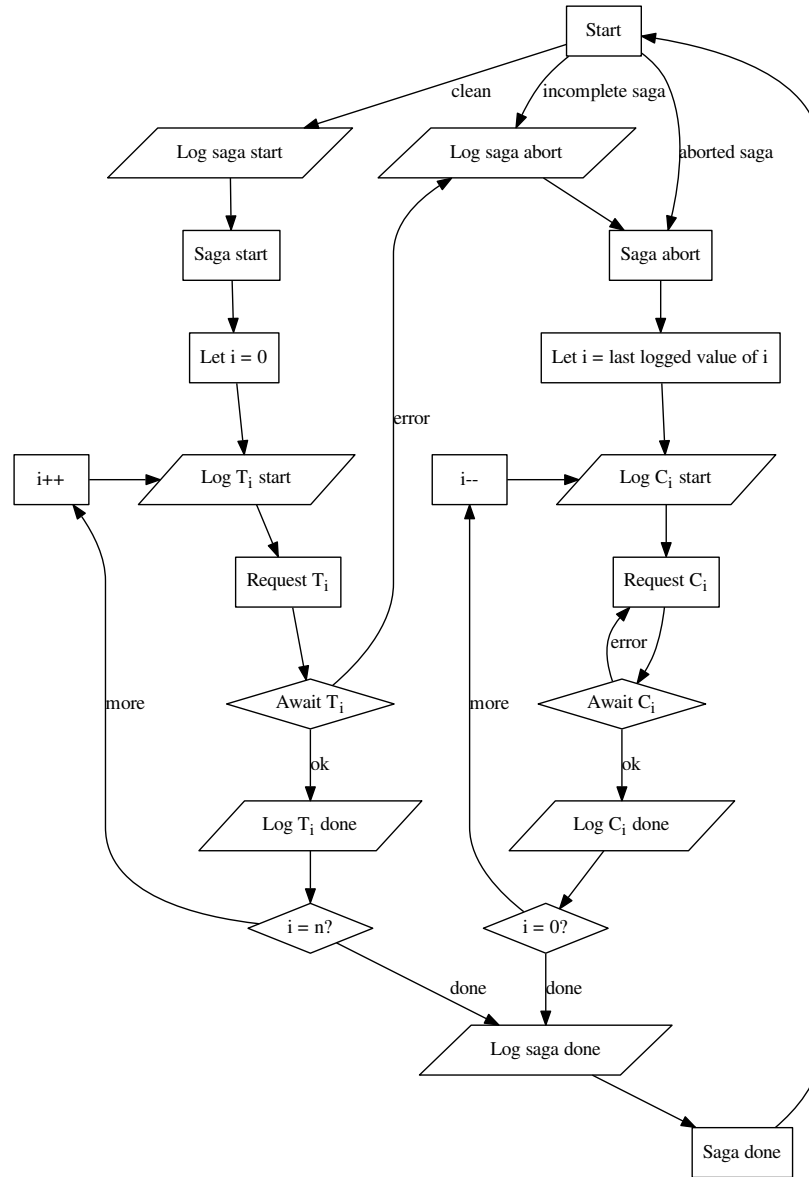
Narula, Neha
That's DOCTOR Narula to you!

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1 Introduction

The saga paper outlines a technique for long-lived transactions which provide atomicity and durability without isolation (what about consistency? Preserved outside saga scope, not within, right?). In this work, we generalize sagas to a distributed system, where processes communicate via an asynchronous network, and discover new constraints on saga sub-transactions.

2 The Saga Execution Coordinator



3 Ordering

Lemma 3.1 *I got nothing.*

4 Roll-forward

5 Rollback