

EECS498-003 - Lab 10

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Administrivia

- ▶ Happy Halloween!
- ▶ Project 1 due November 3rd
- ▶ Today (and probably next lab): distributed multiset

Distributed multiset

- ▶ Each host has its own multiset, which is initially empty
- ▶ Each host locally can insert, remove items from its multiset
- ▶ Hosts can pop items from their own multiset and send them to a destination host; that host will add that item to its multiset.
- ▶ Prove: This distributed system refines to the state machine of a single multiset that is initially empty, and supports insertion and removal.