Distributed Systems – Fault Tolerance

Lab 2

2020/2021

Active Replication

Taking advantage of a group communication toolkit[1] as an atomic broadcast protocol:

1. Install and test *Spread* with `spuser`.

2. Re-implement stub and server using atomic broadcast. Test with multiple servers and clients.

Learning Outcomes Apply active replication based on group communication. Recognize the trade-offs in active replication. Explain how active replication takes advantage of atomic broadcast.

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[1]`https://github.com/jopereira/spread` or `http://www.spread.org/`.