

# Distributed Systems – Fault Tolerance

Lab 0

2021/2022

## Maelstrom

Setup and get to know the Maelstrom<sup>1</sup> workbench.

### Steps

1. Run a demonstration application and observe results.
2. Implement a server for the `lin-kv` workload with a single server.

**Learning Outcomes** Construct implementations of distributed algorithms using the Maelstrom framework. Analyze and discuss the behavior of distributed algorithms from logs and Lamport space-time diagrams.

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<sup>1</sup><https://github.com/jepsen-io/maelstrom>