

Distributed Fault Tolerance Streamlet Consensus Algorithm (Phase 1)

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Chapter 1

Phase 1: Implementation of the Protocol with Fault Tolerance

- 1.1 Introduction
- 1.2 Objectives
- 1.3 Protocol Description
- 1.4 Implementation
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Bibliography

- [1] Elaine Shi Benjamin Y. Chan. Streamlet: Textbook streamlined blockchains, 2020.
- [2] Alysson Bessani. Project description, 2024.