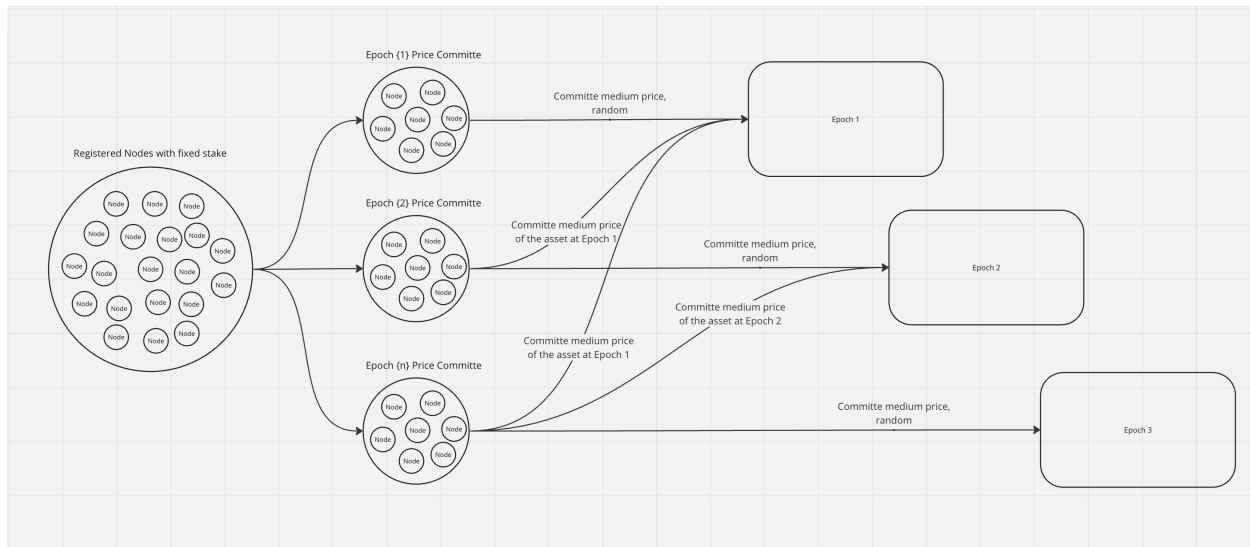# Whitepaper. Tyche oracle

Abstract.

Tyche Oracle Kit is a set of smart contracts, node.js libraries and theoretical concepts that can be applied to build app-specific embedded oracles. It is completely open source and can be considered as a public good.

High-Level Algorithm:

1. Each epoch defines a random value that defines the next epoch Price Committee members

2. Price Committee submits prices for current and last 4 epochs

3. Price committee members play the on-chain commit-reveal game.

4. The price committee submitted price is defined as `medium(submitted_prices)`

5. Epoch price is defined as a `medium(submitted_commitee_prices)`