MODULE CASConsensus

CASConsensus is an operational semantics (or a reference model) of linearizable CAS registers.

TODO: how to model "linearizable CAS registers"? how to distinguish it from "sequentially consistent CAS registers"?

Refs (TODO: Google for other references on operational semantics):

- "Model Checking Linearizability via Refinement" at https://www.microsoft.com/enus/research/wp-content/uploads/2016/02/linearizability.pdf
- "MonkeyDB: Effectively Testing Correctness under Weak Isolation Levels" at https://www.microsoft.com/en-us/research/uploads/prod/2021/09/main.pdf
- "Using Lightweight Formal Methods to Validate a Key-Value Storage Node in $Amazon\ S3$ " at https://assets.amazon.science/07/6c/81bfc2c243249a8b8b65cc2135e4/using-lightweight-formal-methods-to-validate-a-key-value-storage-node-in-amazon-s3.pdf

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