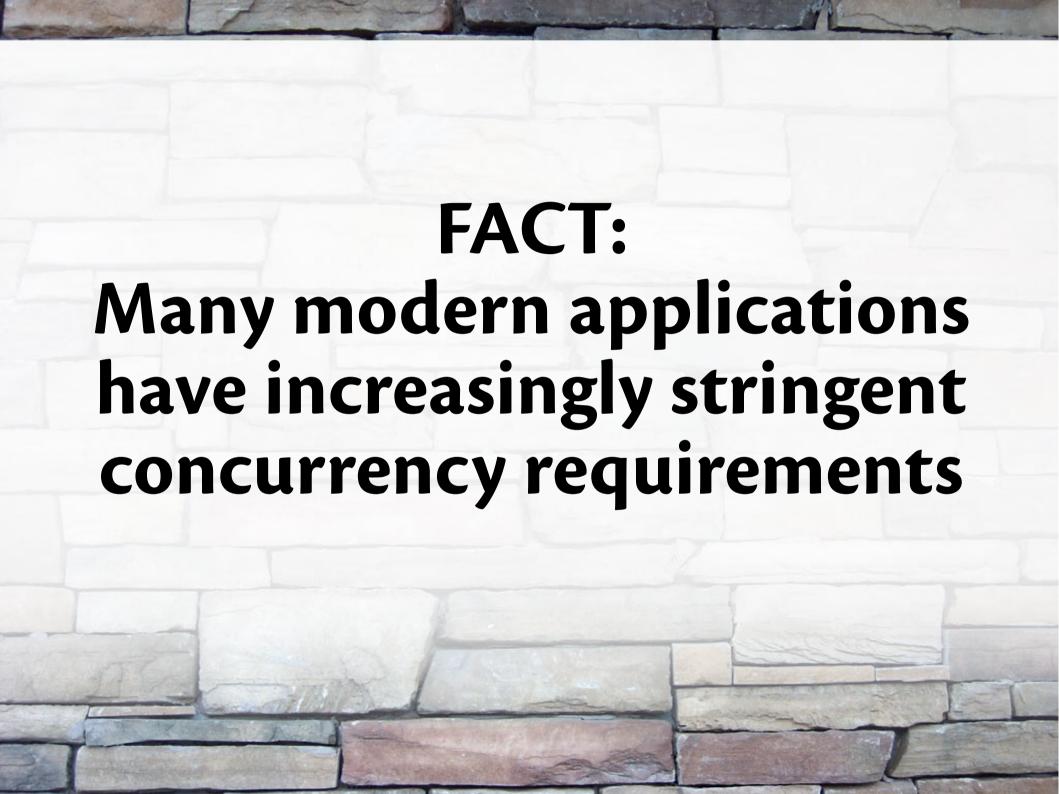
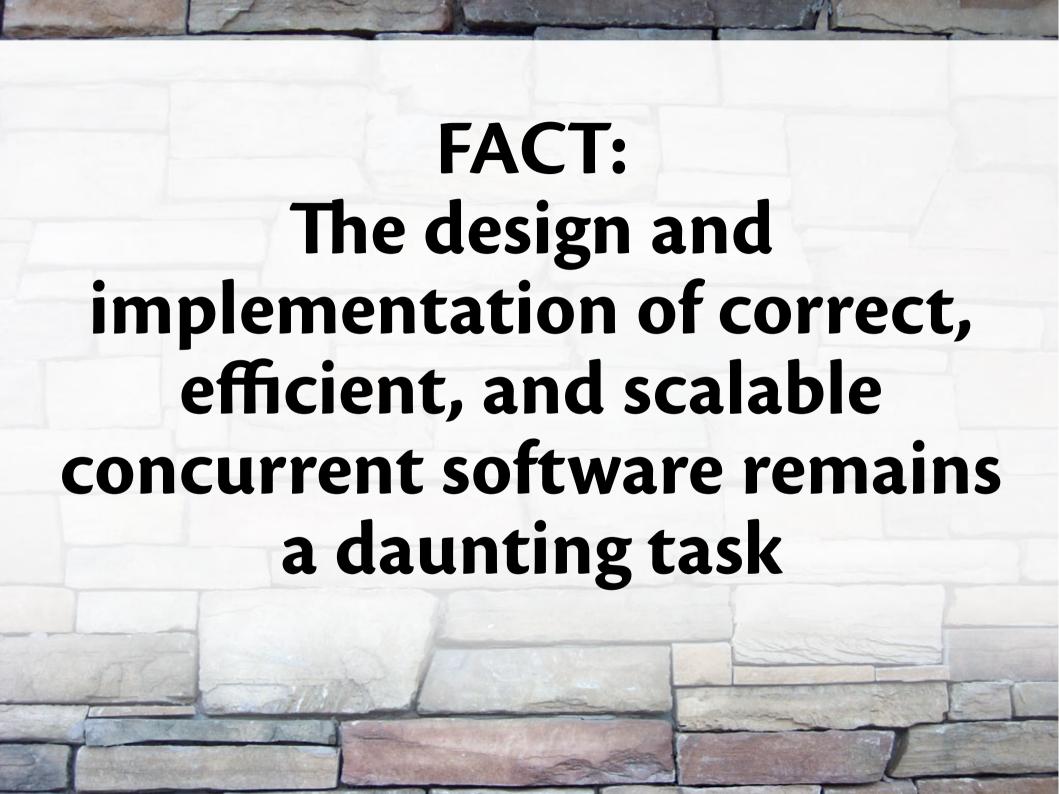


## Let's start with WHY



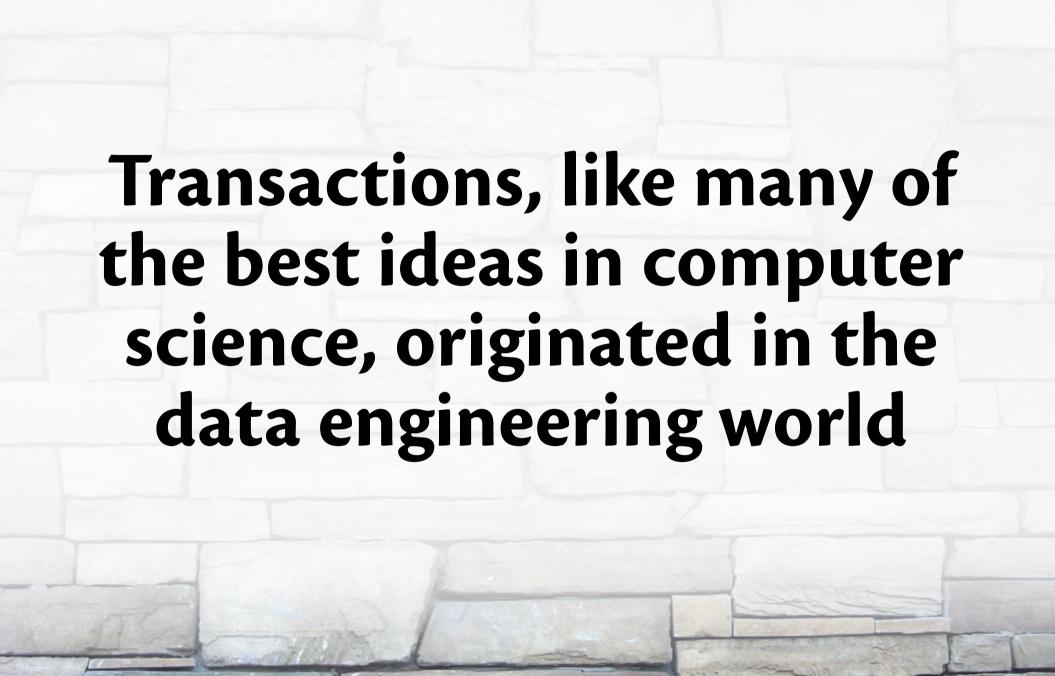




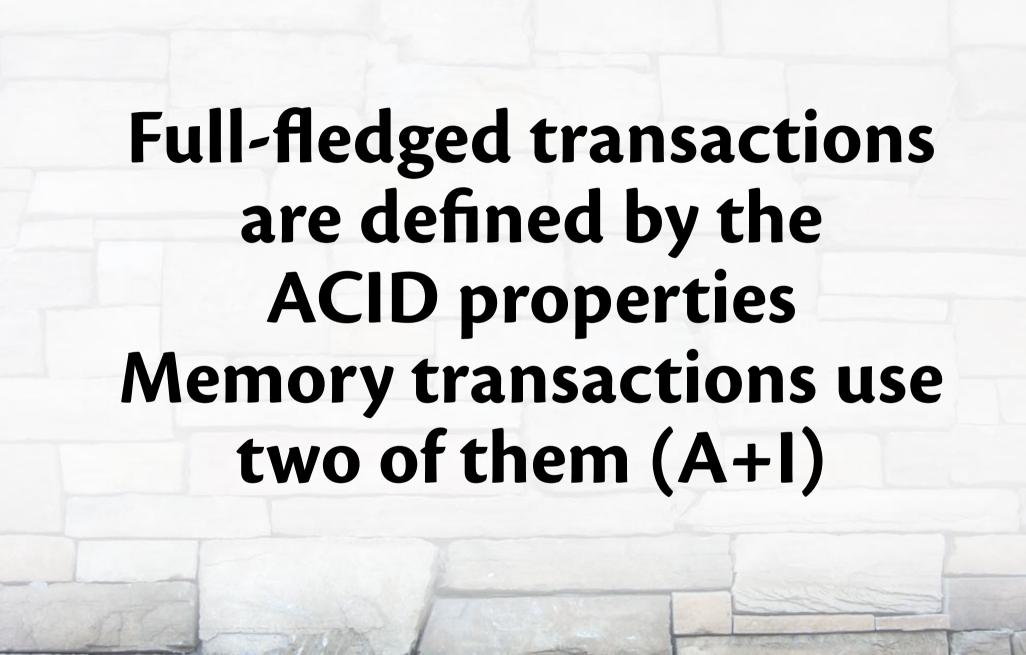




STM provides a more user-friendly and scalable alternative to locks by promoting the notion of memory transactions as first-class citizens

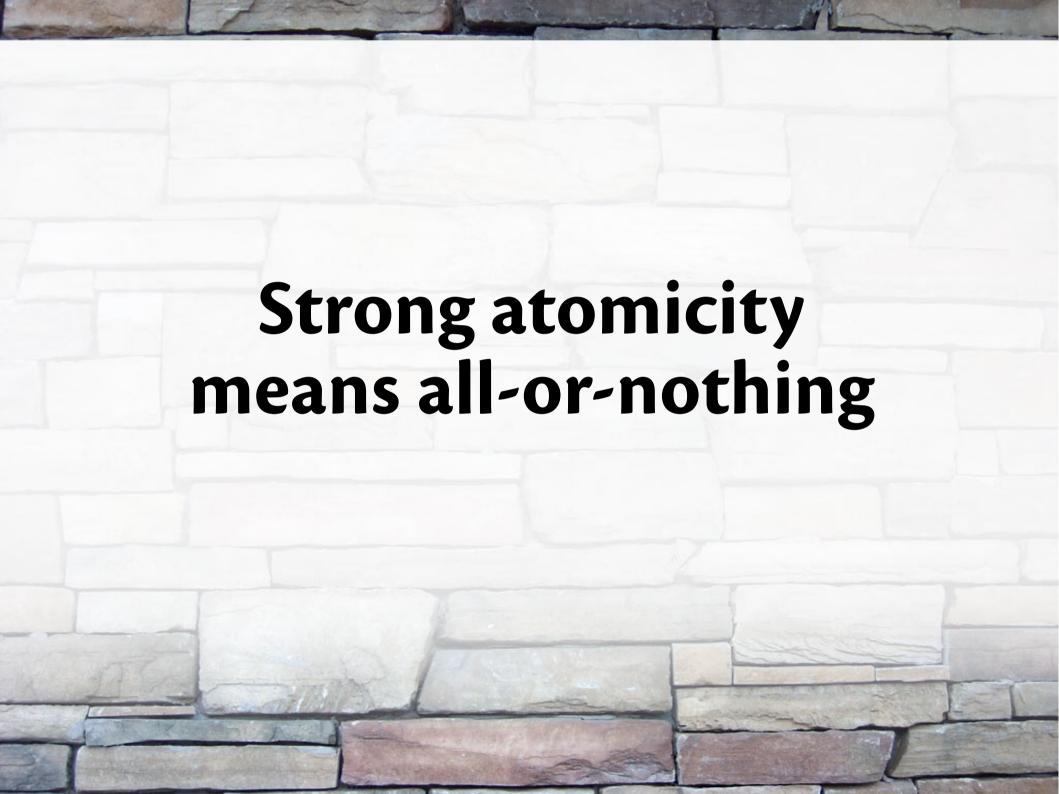




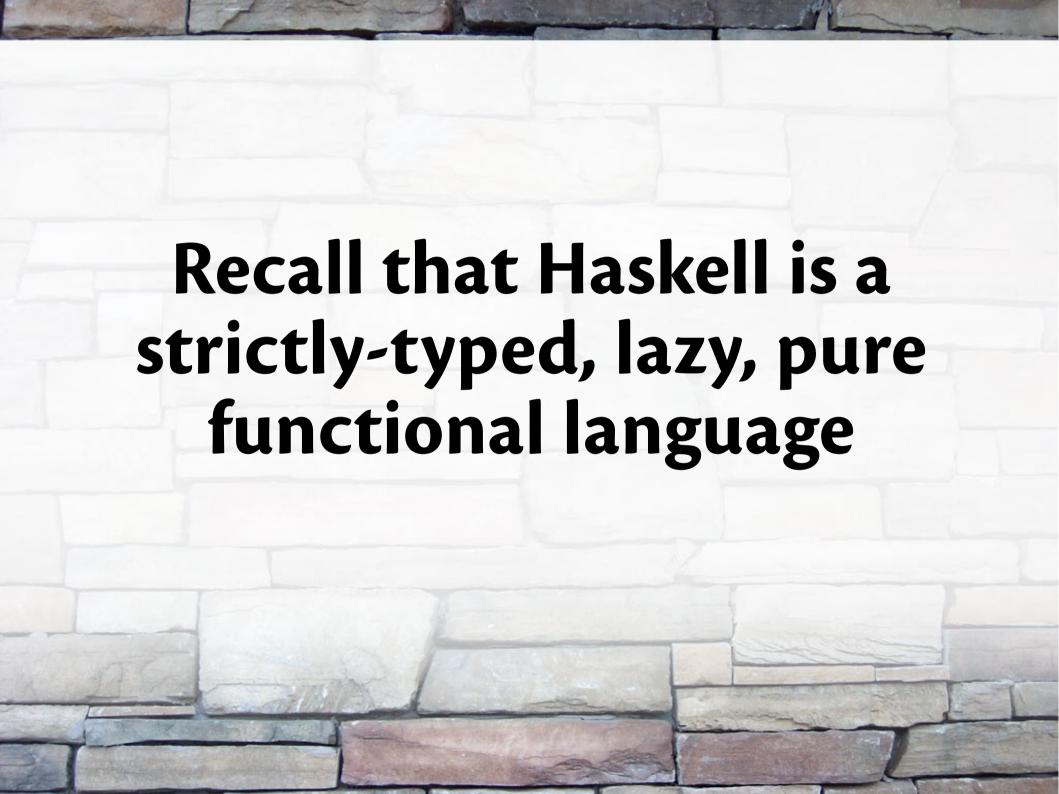


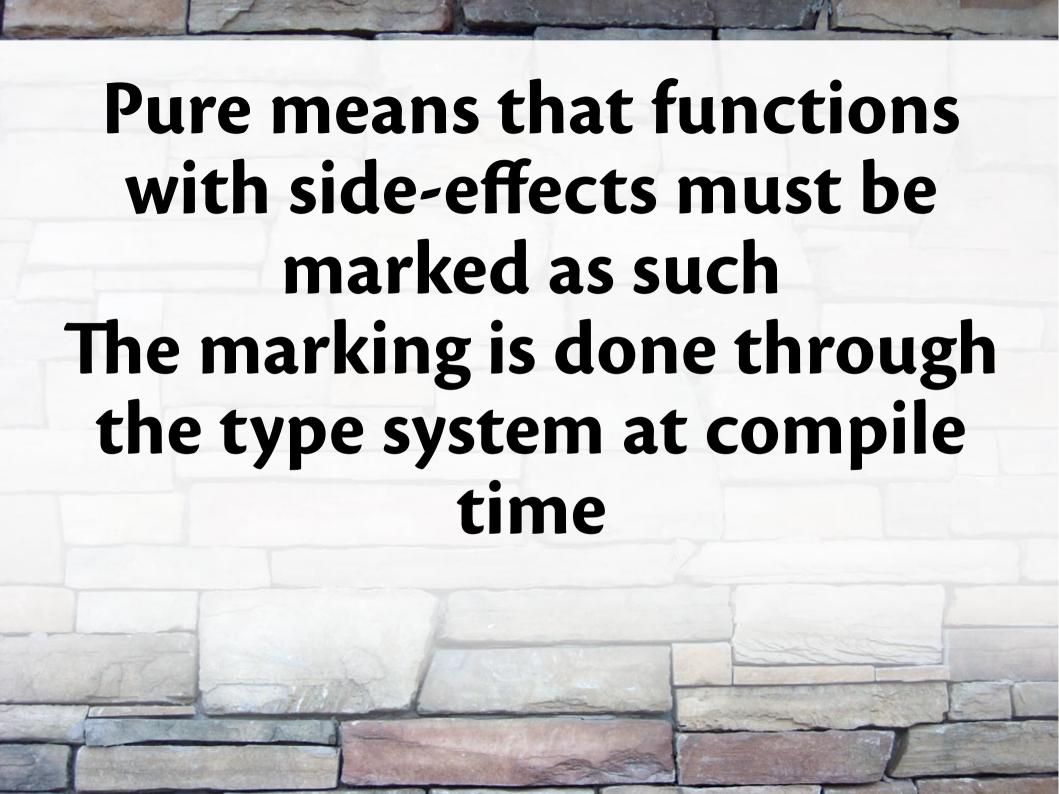
## Transactions provide atomicity and isolation guarantees

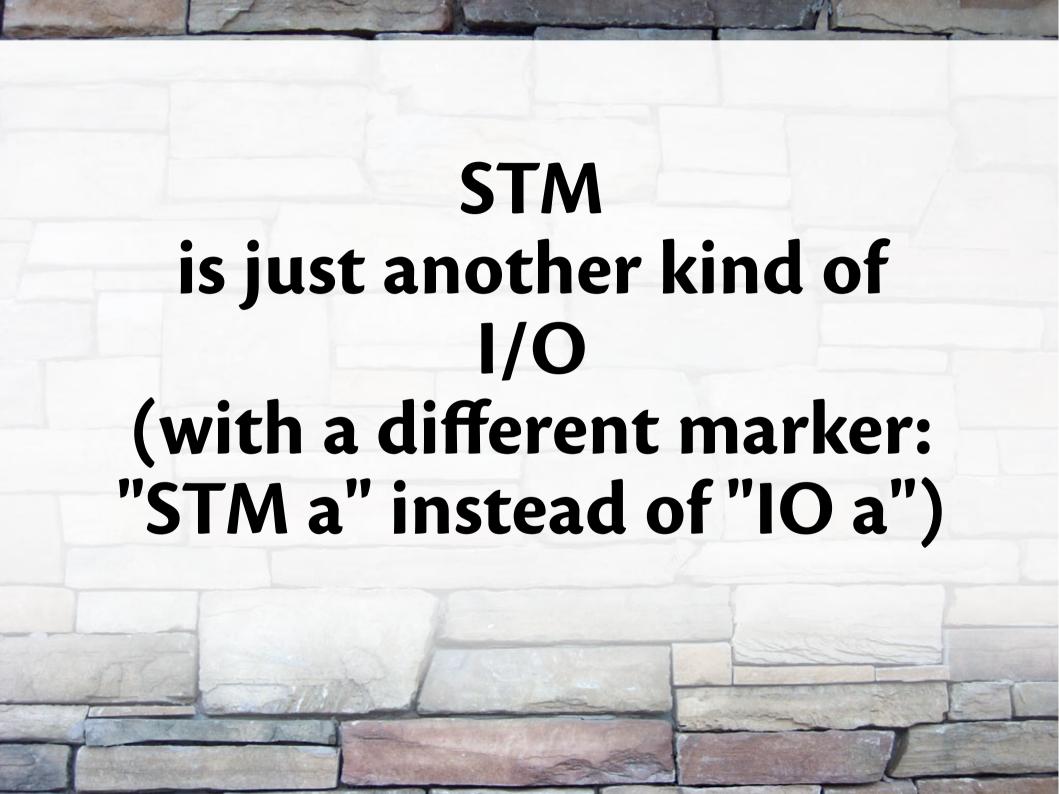
(SQLite transactions demo)

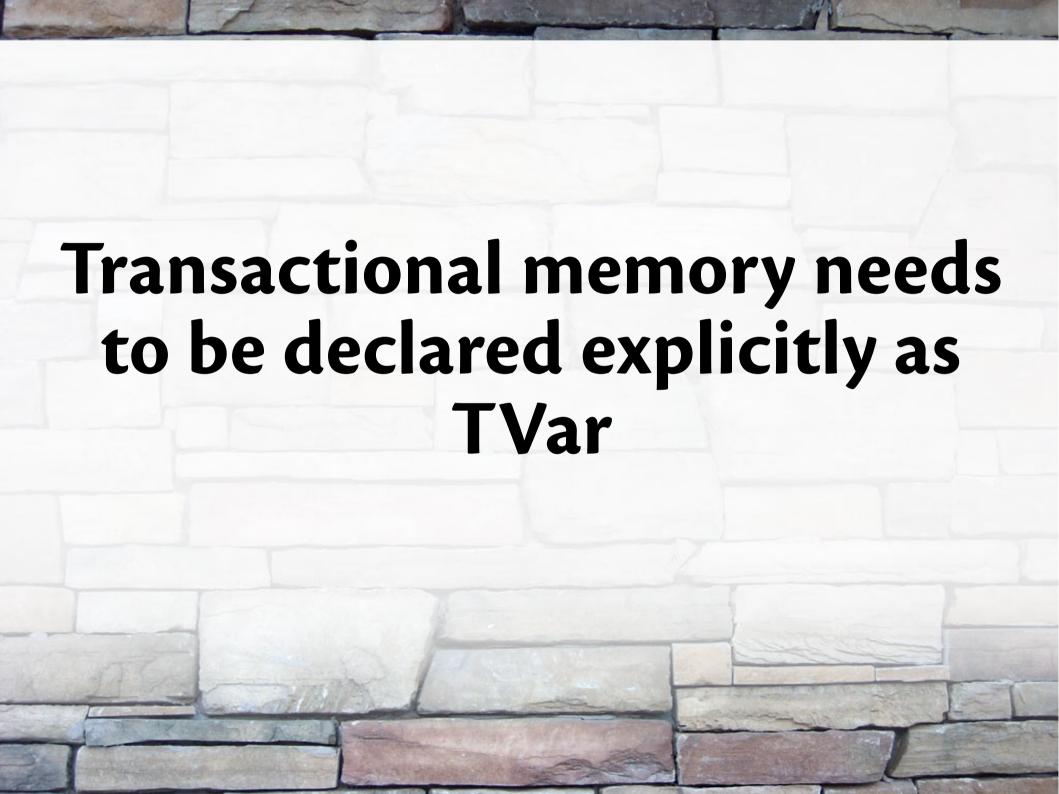


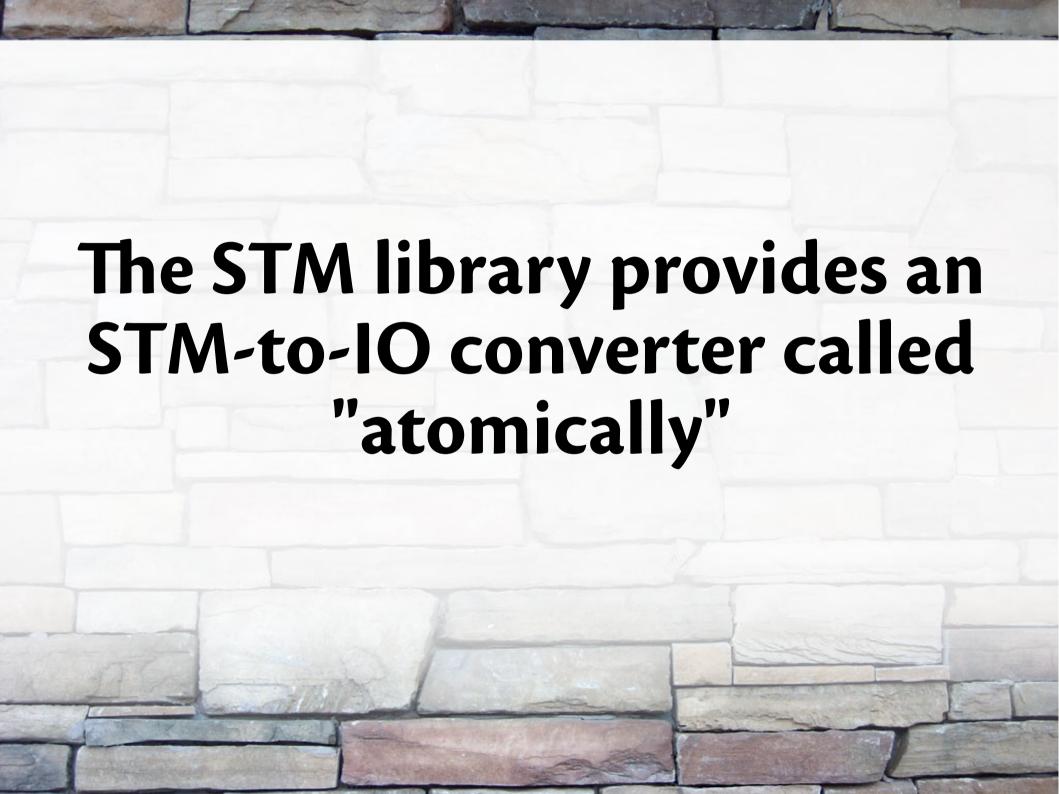


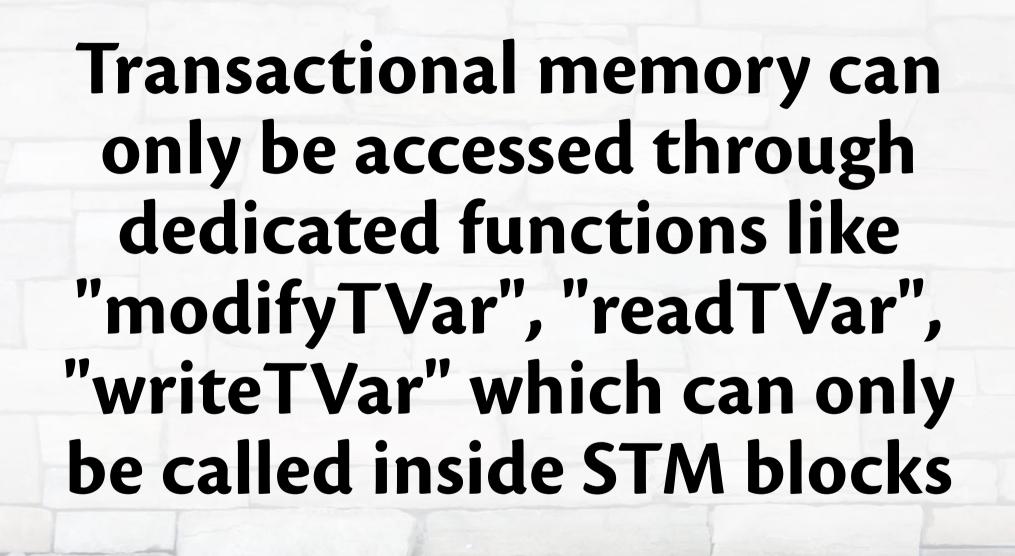


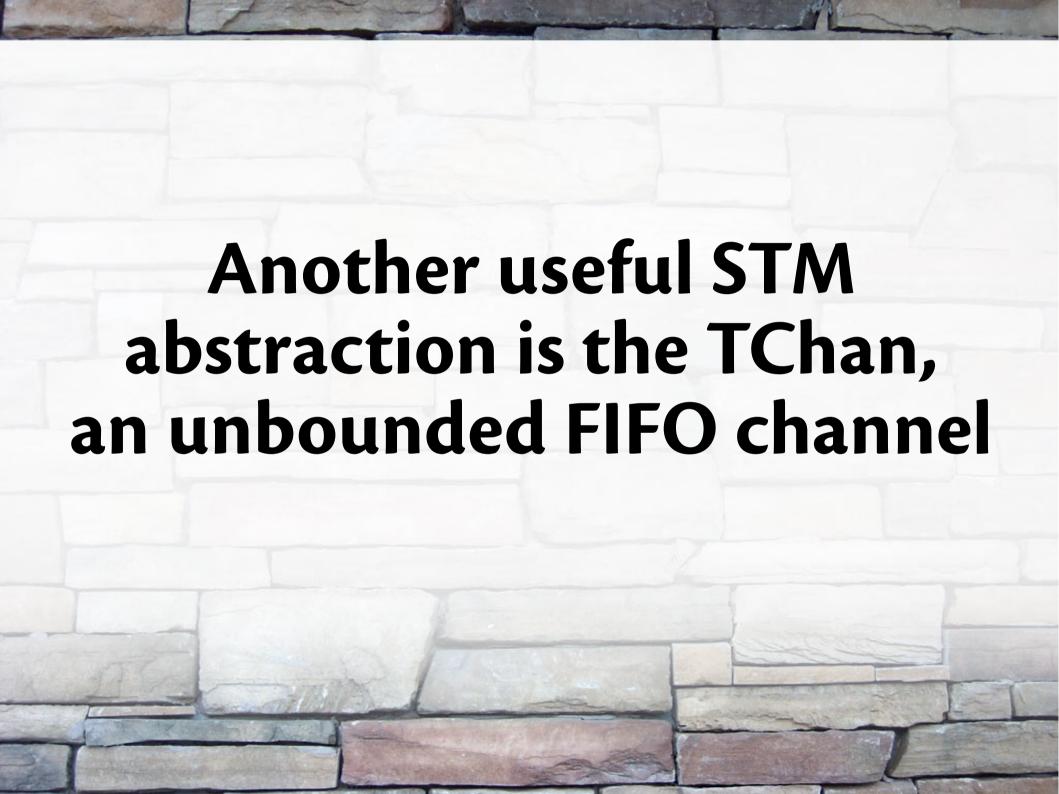


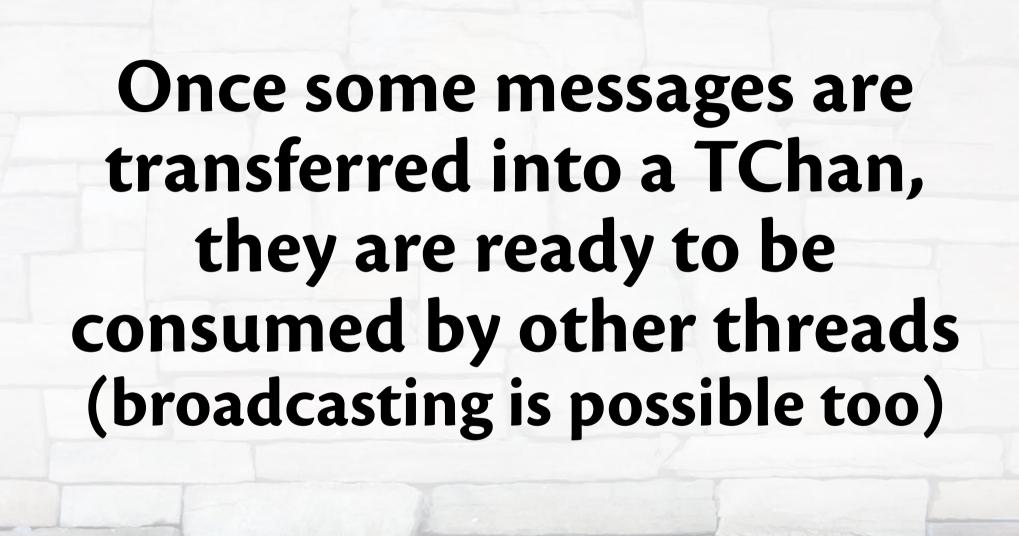


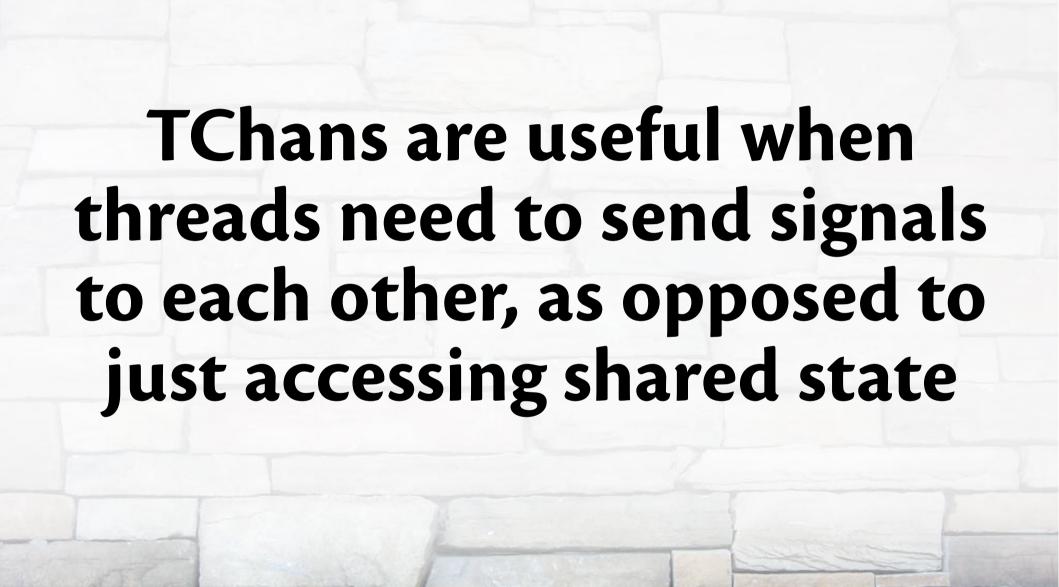












## Compile your STM code with:

ghc -threaded program.hs

## When running the program:

./program +RTS -N

