

ETHEREUM LEVEL 3

TRANSACTIONS

- PREREQUISITES

WHAT'S A TRANSACTION?

- On gas

TRANSACTION LIFECYCLE

A VISUAL DEMO

BLOCKS

- WHY BLOCKS?
- HOW BLOCKS WORK
- A visual demo

PROOF OF WORK PROTOCOL

- WHAT'S IN A BLOCK?
- BLOCK SIZE

ETHEREUM VIRTUAL MACHINE (EVM)

- FROM LEDGER TO STATE MACHINE
- THE ETHEREUM STATE TRANSITION FUNCTION
- State
- Transactions
- EVM INSTRUCTIONS
- EVM IMPLEMENTATIONS