

Ethereum

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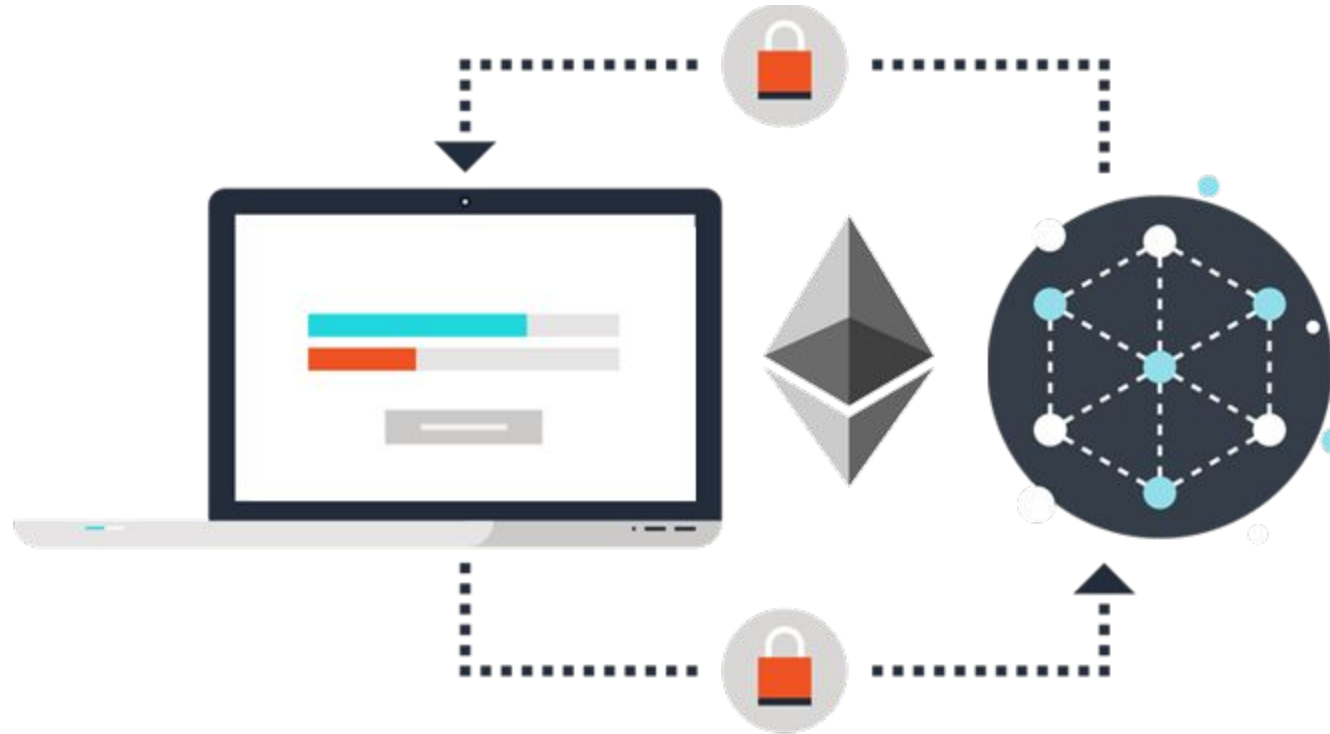
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ETHEREUM

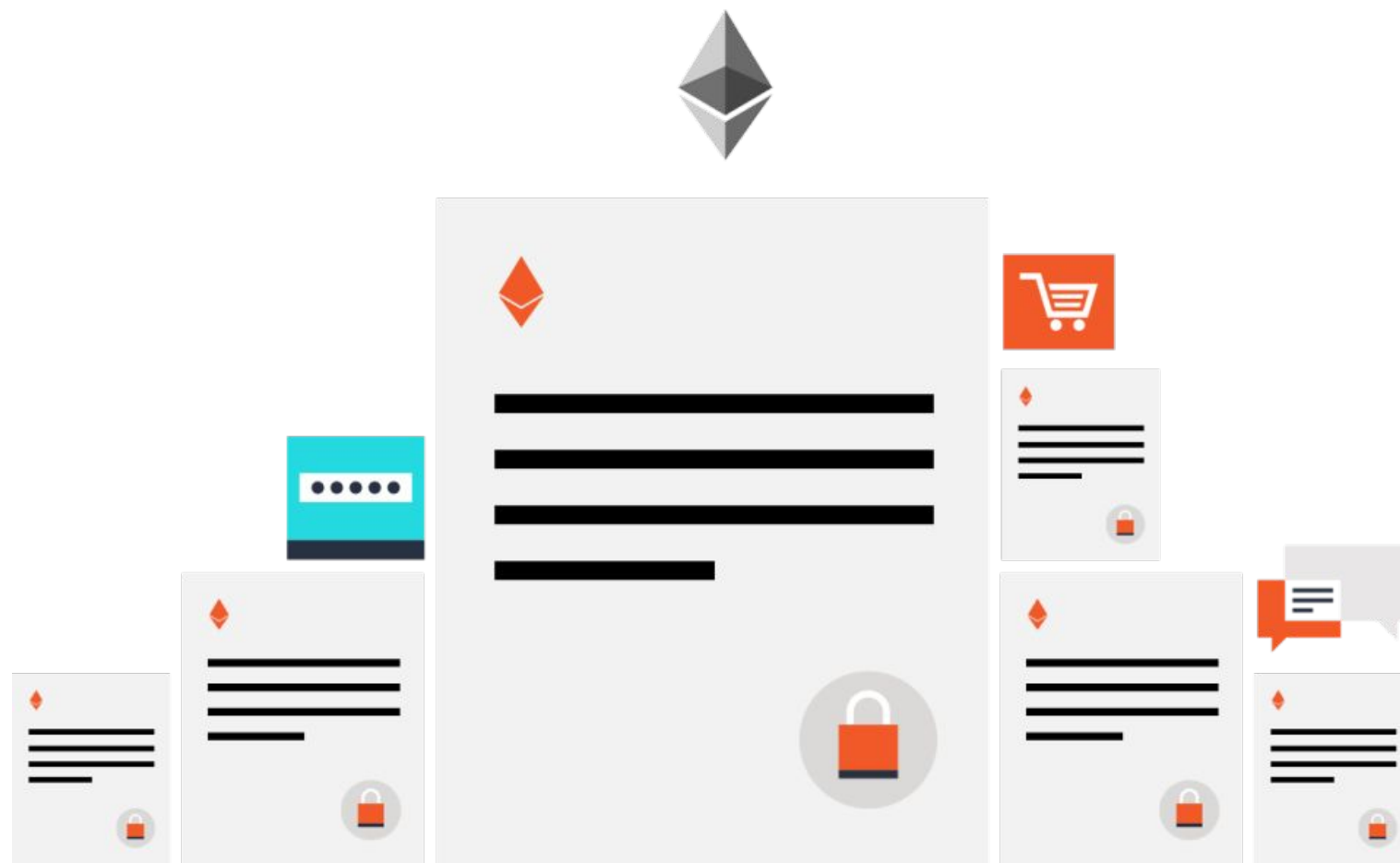
What is Ethereum?

WHAT IS ETHEREUM?



Ethereum is a platform that makes it possible for any developer to build and publish next-generation distributed applications.

CONTRACT - BASED



Code-based contracts are the main building blocks of Ethereum.

ETHEREUM IS VERSATILE



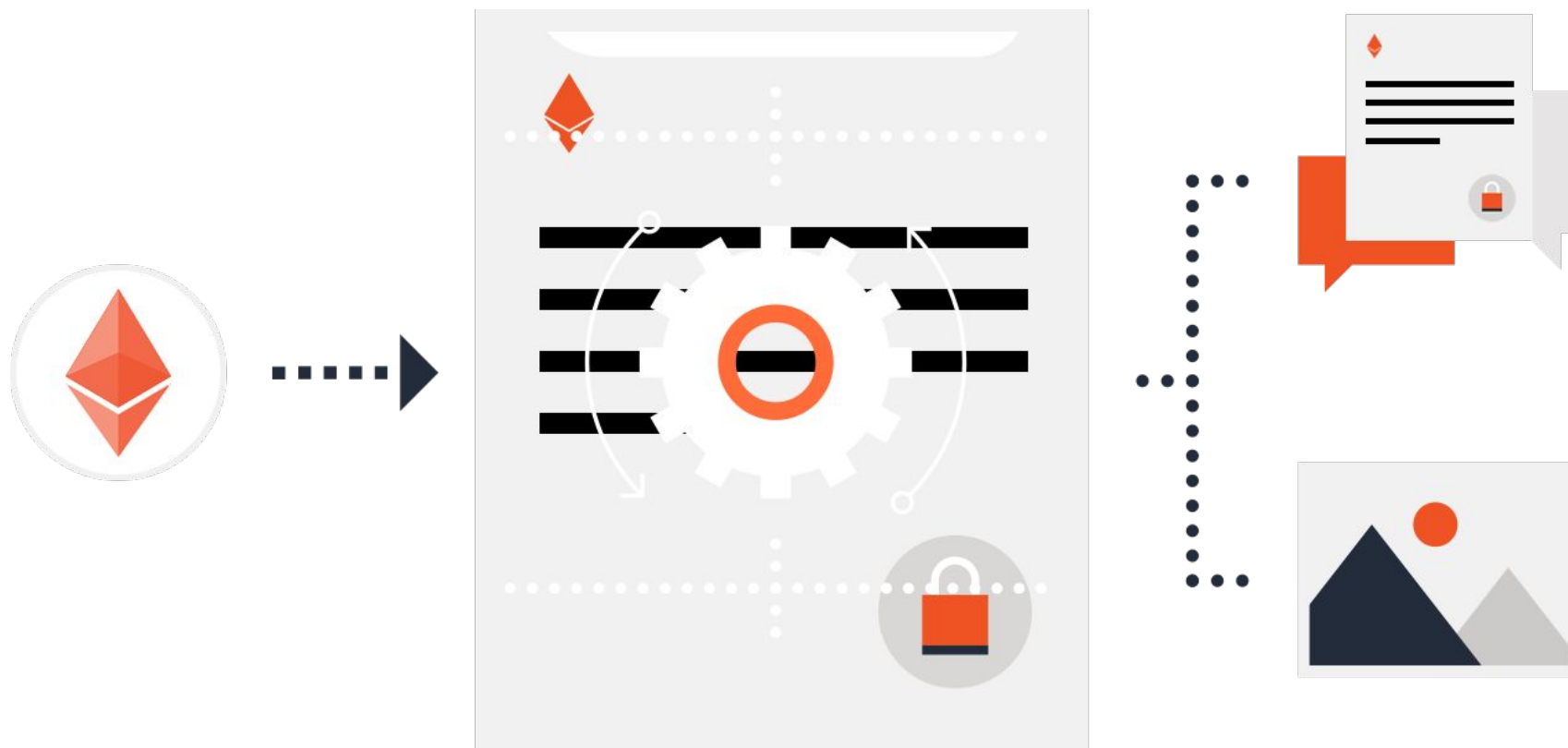
Contracts can be used to build currencies,
financial derivatives, decentralized
organizations, data feeds, title registries and
thousands of other applications.

ETHER IS THE FUEL



Ether is Ethereum's cryptofuel. It is a type of digital token that powers the applications on the decentralized network.

ETHER IS THE FUEL

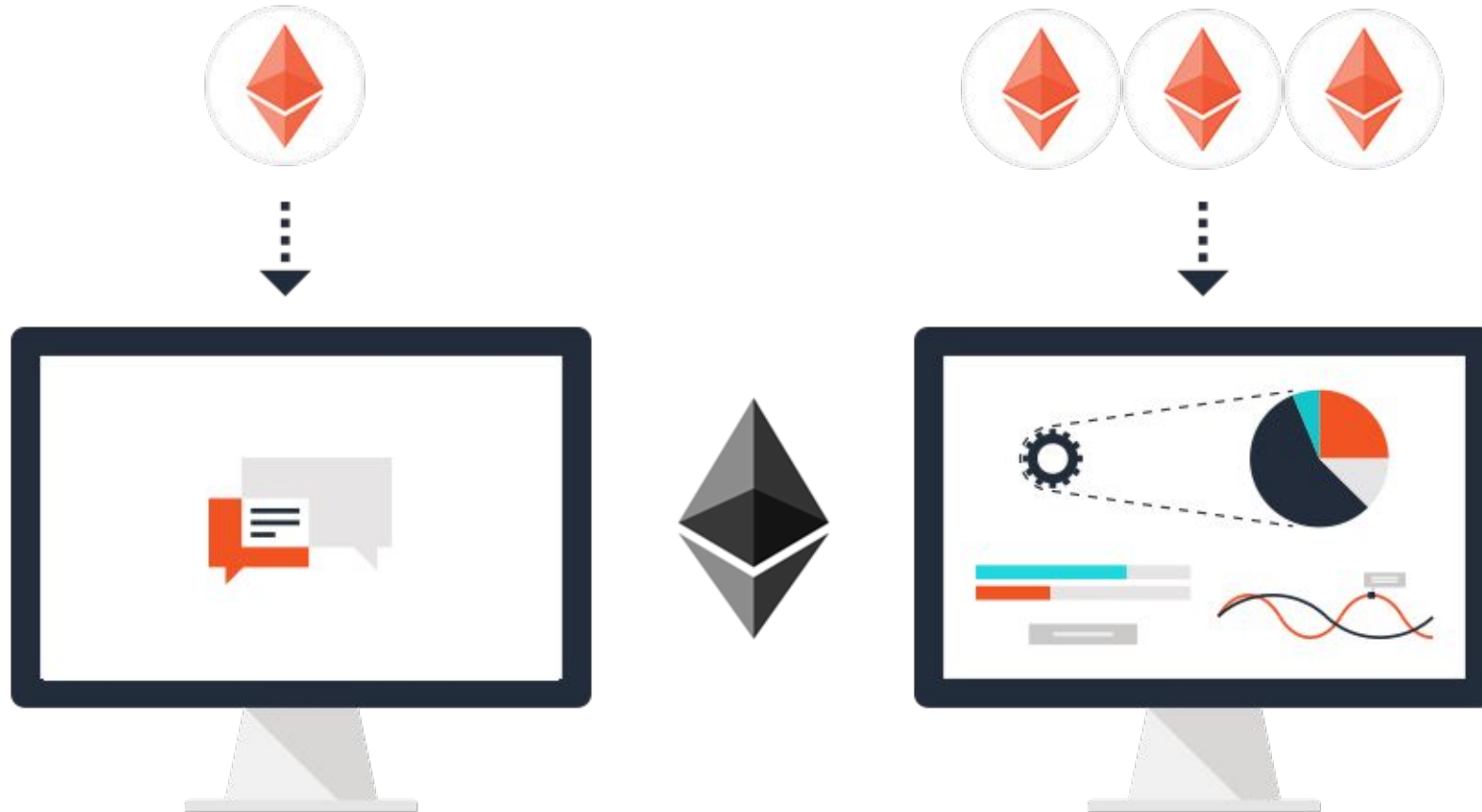


Sending a transaction to a contract causes its code to execute. Contracts can store data, send transactions and interact with other contracts.



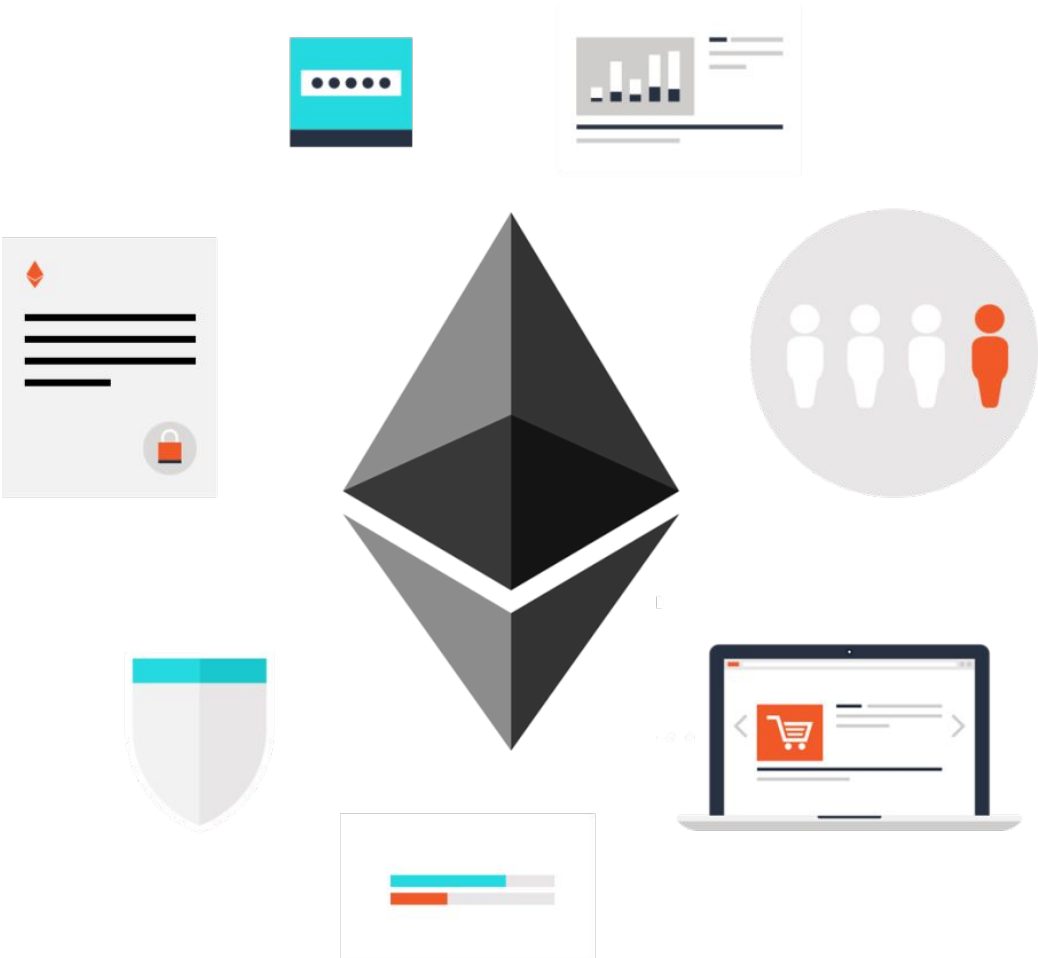
ETHEREUM

NOT ALL CONTRACTS ARE ALIKE



The more computation a transaction requires the more ether it consumes.

BUILD DAPPS

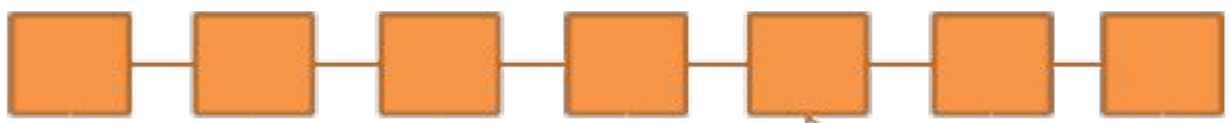


Ethereum can be used to codify, decentralize,
secure and trade almost anything.

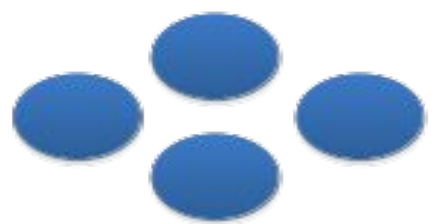
Ethereum

global

Ethereum global blockchain



local



Any node can be miner

possible link

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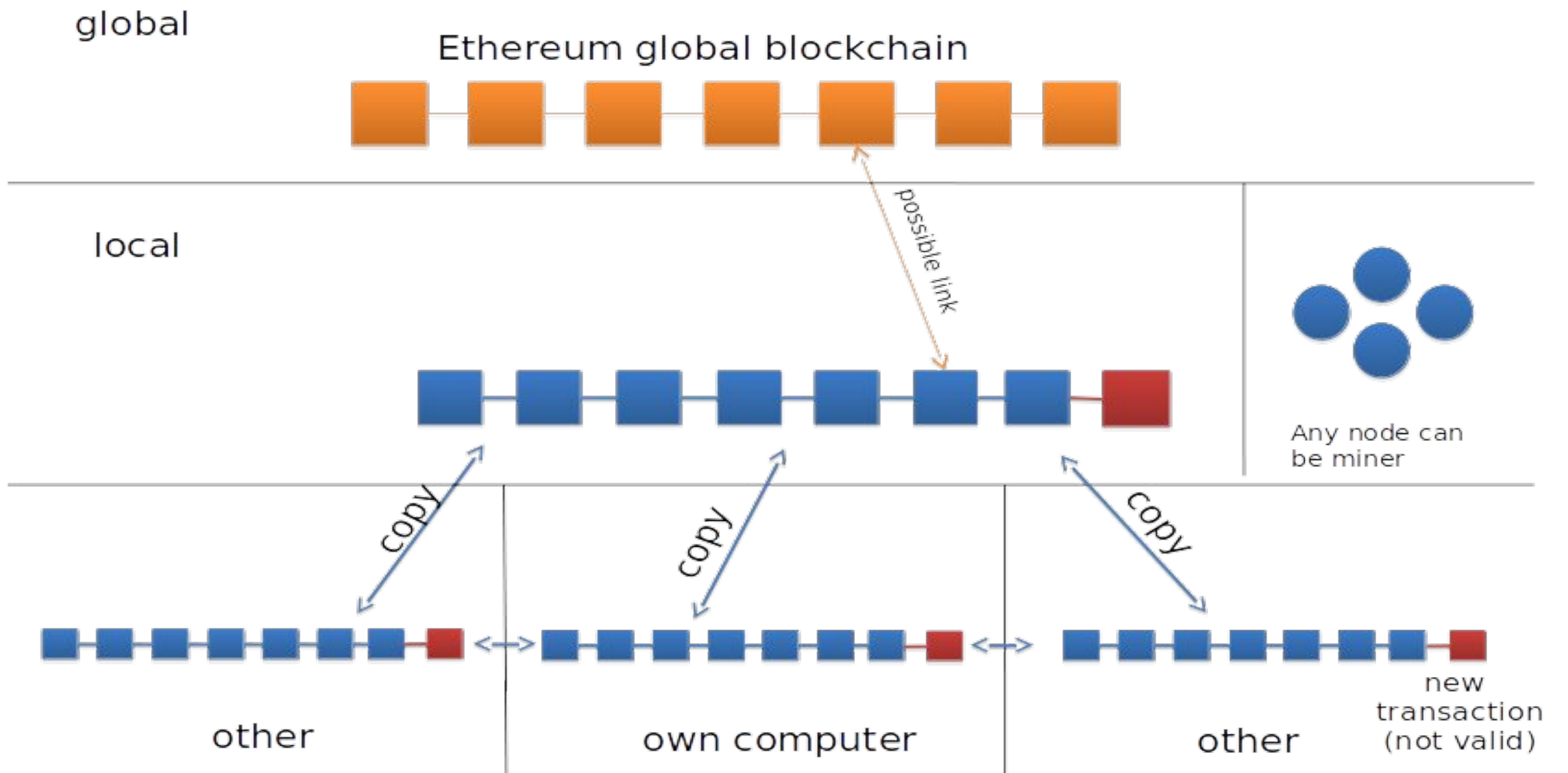


other

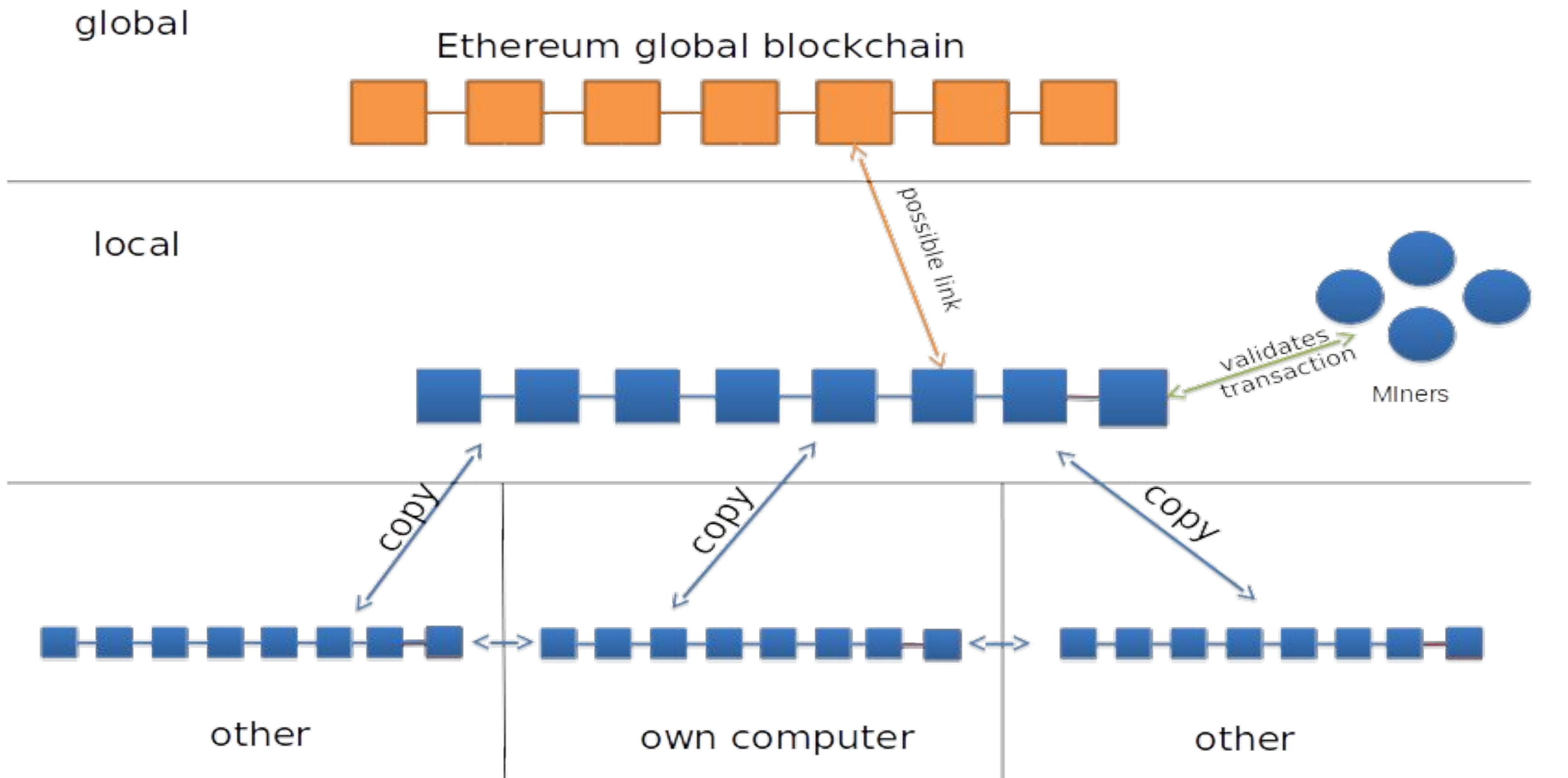
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Ethereum



Ethereum

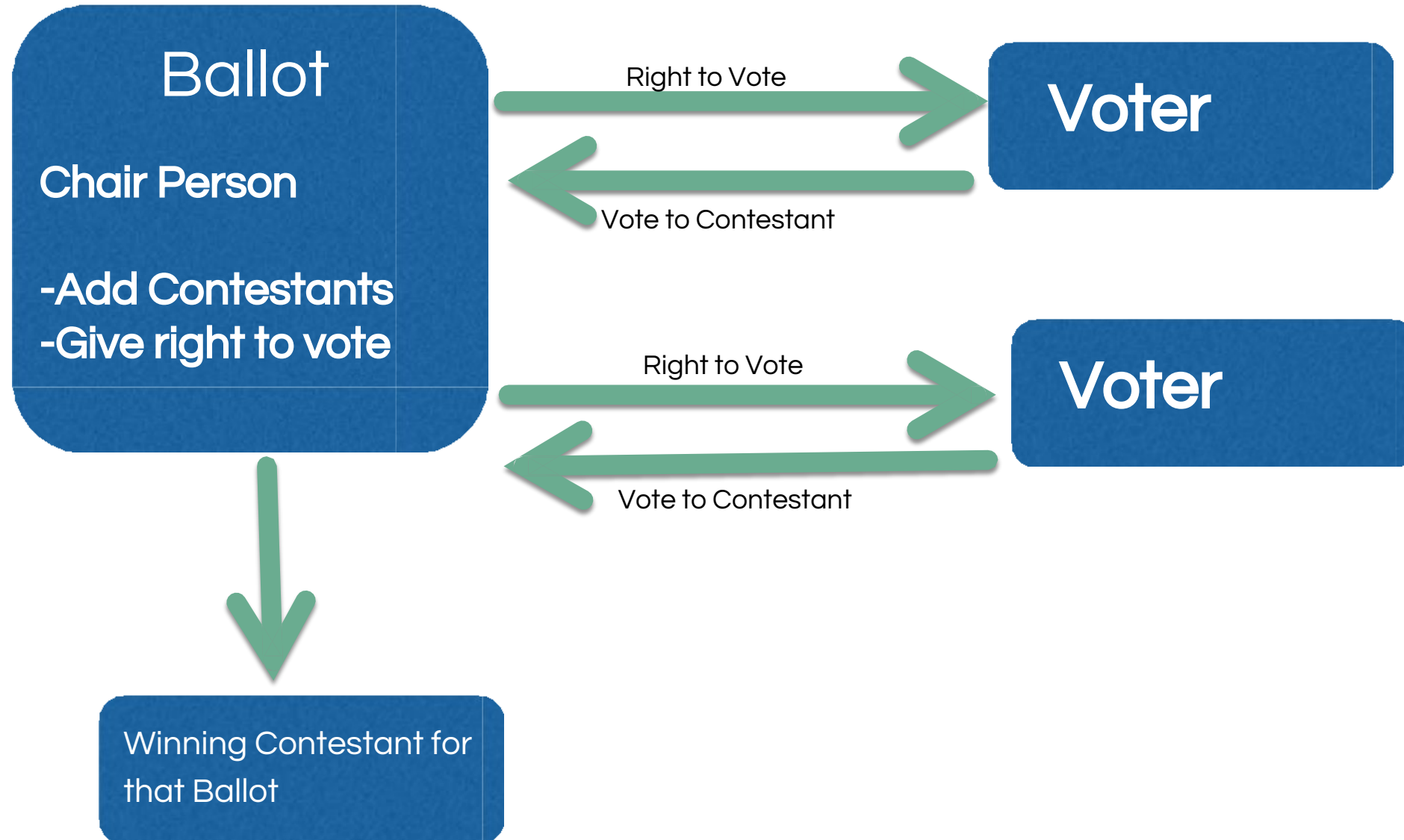


Voting Application

Consists of

Ballot, Voters, Contestants, Chairperson
Vote

Simple Design



Voting Application

- Create Ballot and add number of Contestants.
- Then the creator of the contract who serves as chairperson.
- Chairperson will give the right to vote to each address individually.
- The persons behind the addresses can vote to a Contestant in the Ballot.
- At the end will return the Contestant with the largest number of votes.