

An Introduction to MTTP

[Multilateral Token Trade Protocol]

***“In which area has blockchain been proven to be
SUCCESSFUL? ”***

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Private Blockchain

(Unnecessary/Overkill)

**Consortium Permissioned
Blockchain**

(Experimental/To Reduce Cost)

**Public Permission-less
Blockchain**

(Proven/Carry Value)



\$109B ^{830%↑}

Cryptocurrency Market Cap
on Public Blockchain

\$1 09B ^{830%↑}

Cryptocurrency Market Cap
on Public Blockchain

\$5B ^{1250%↑}

24-Hour Trade Volume
on Global Exchanges

\$5B^{1250%↑}

24-Hour Trade Volume
on Global Exchanges

1. Poloniex
2. Kraken
3. Bitfinex
4. OKCoin
5. BTC38
6. Bittrex
7. Quoine
8. Bitstamp
9. BTC-e
10. CEX.IO
11. YoBit
12. hitbtc
13. Vaultoro
14. Coinspot
15. Bter

Centralized
Off-chain
Exchange

**Problem#1: Asset Custody
[security]**

Centralized
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Problem#1: Asset Custody
[security]

Problem#2: Insider Trading
[transparency]

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Problem#2: Insider Trading
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Problem#3: Scattered Orderbooks
[liquidation]

Centralized
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Problem#1: Asset Custody
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Problem#2: Insider Trading
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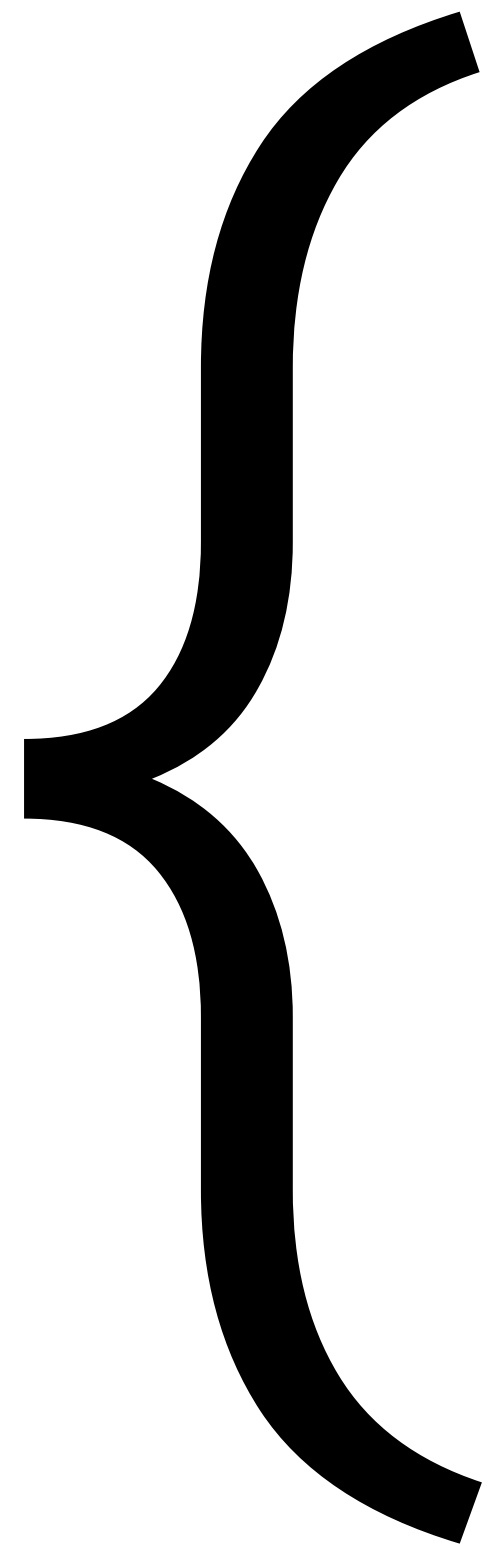
Problem#3: Scattered Orderbooks
[liquidation]

Problem#4: Lack of Regulations
[security]

Centralized
Off-chain
Exchange

MTTP

Multilateral Token Trade Protocol



Problem#1: Asset Custody
[security]

Problem#2: Insider Trading
[transparency]

Problem#3: Scattered Orderbooks
[liquidation]

Problem#4: Lack of Regulations
[security]

MTTP

Multilateral Token Trade Protocol

1.No Custody

All assets stays on blockchain in user's own addresses; no deposit or withdrawal required; no asset locked by open orders.

2. Trade on Blockchain

Submit orders off-chain and clear and settle trades via smart contract on-chain. No more internal IOU (I owe u) trading, no more insider trading.

3. Orders are Shared

Orders can be broadcasted to all exchanges for better matching and can be matched by multiple exchanges collectively. Exchanges enjoy a global view of most, if not all, orders.

4. Ring-Matching

"Multilateral ring-of-orders matching", go beyond "trading pair matching". Provides event better market-depth & stronger liquidation.

**Problem#1: Asset Custody
[security]**

**Problem#2: Insider Trading
[transparency]**

**Problem#3: Scattered Orderbooks
[liquidation]**

order#1

originator: **address_X**
selling: **10000 token_A**
purchasing: **10 token_B**

order#2

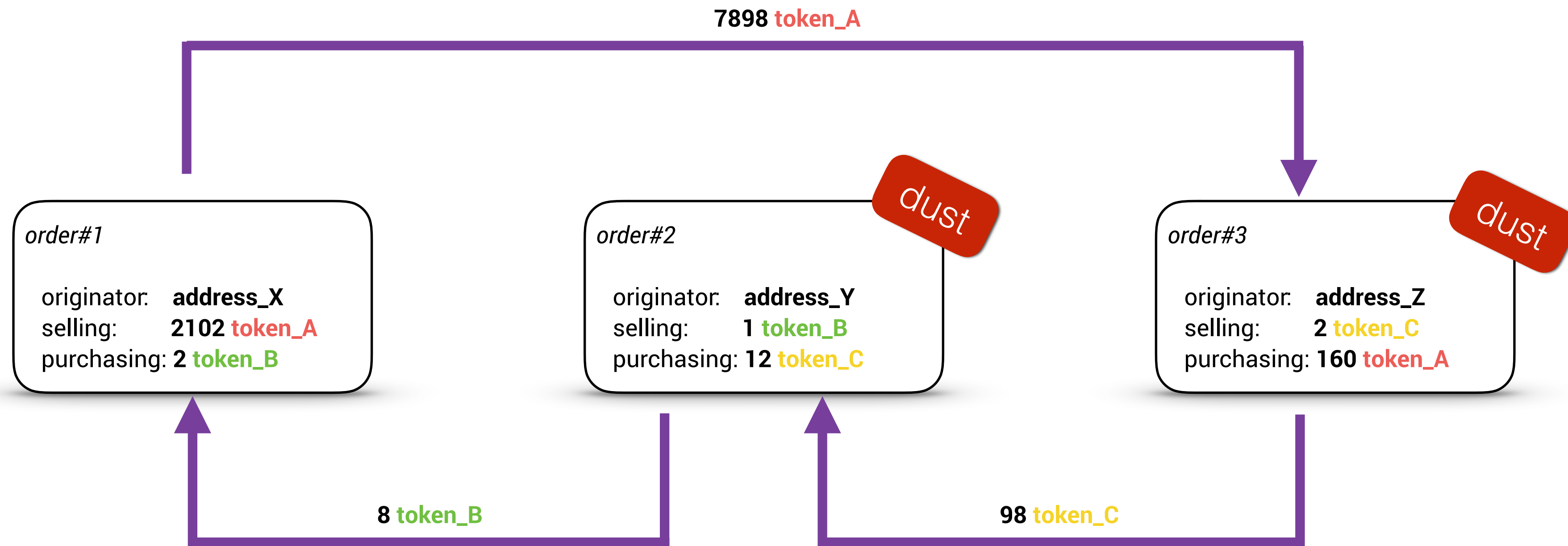
originator: **address_Y**
selling: **9 token_B**
purchasing: **110 token_C**

order#3

originator: **address_Z**
selling: **100 token_C**
purchasing: **8000 token_A**

4. Ring-Matching

“Multilateral ring-of-orders matching”, go beyond “trading pair matching”.
Provides even better market-depth & stronger liquidation.



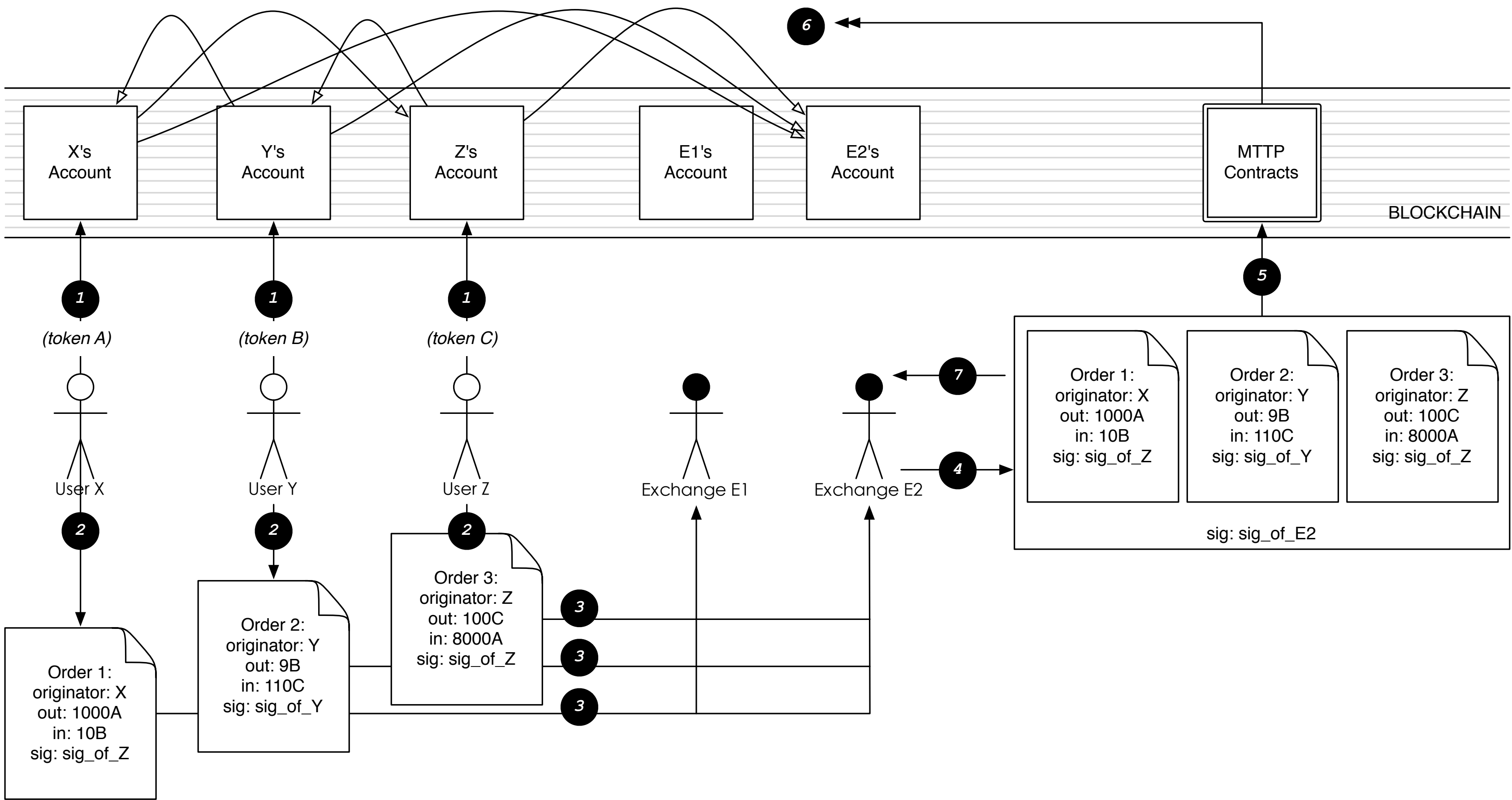
$$\gamma = 1 - \frac{1}{\sqrt[n]{\prod_{i=0}^{n-1} r^i}}$$

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MTTP

Multilateral Token Trade Protocol



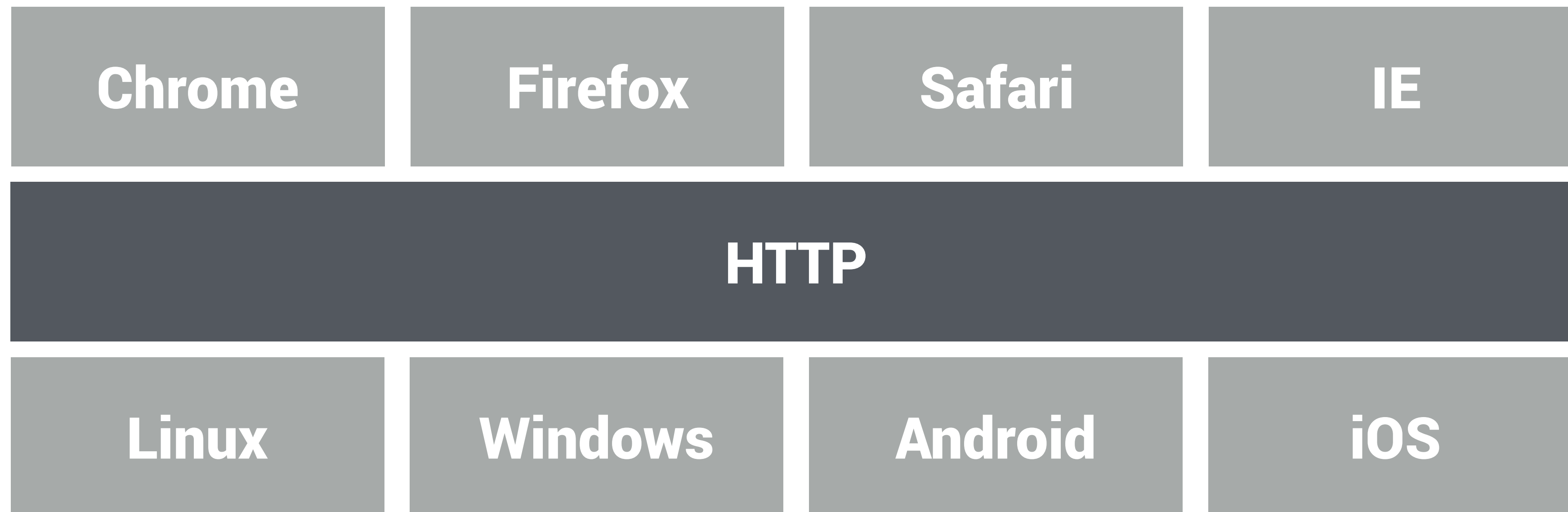
MTTP

Multilateral Token Trade Protocol

is a protocol

MTTP is a protocol

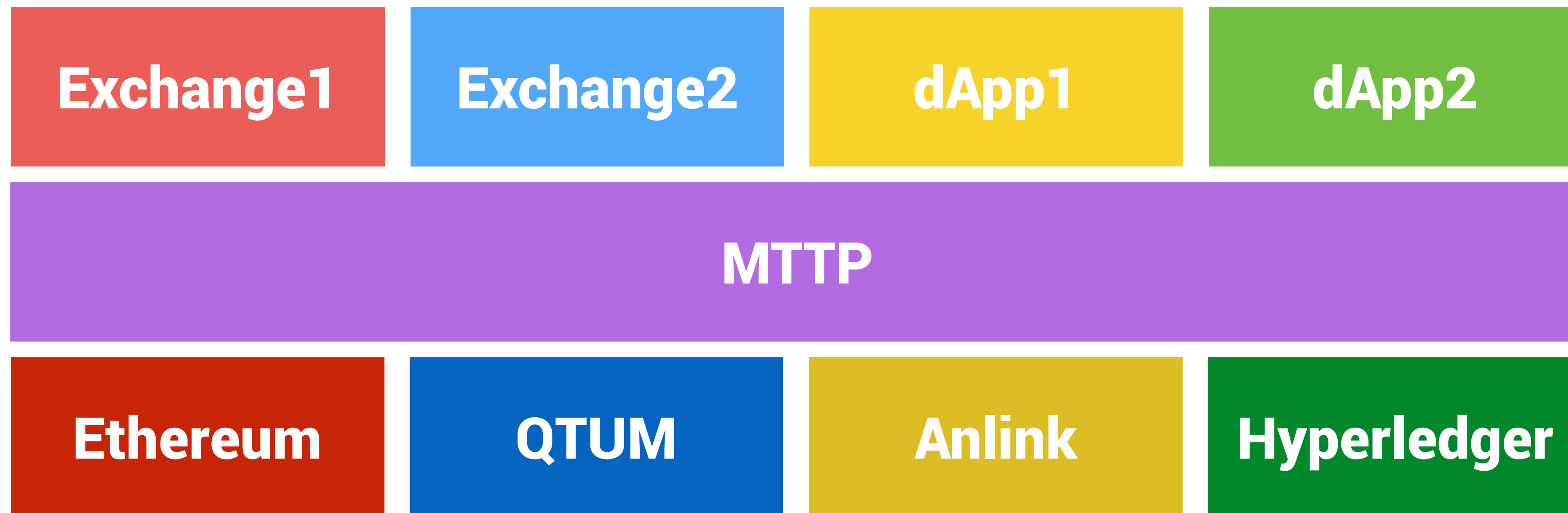
Multilateral Token Trade Protocol



HTTP protocol was implemented on top of multiple operation systems.

MTTP is a protocol

Multilateral Token Trade Protocol



MTTP protocol will be implemented on top of multiple blockchains
- as long as they support smart contract and ERC20 style tokenization standard.

MTTP

Multilateral Token Trade Protocol

English Whitepaper

Chinese Whitepaper

Thank You

foundation@mttp.io