WELCOME TO MICROTICK

DeFi Hackathon

/whois

Mark Jackson: Founder of Microtick

Kent Barton: Head of R&D @ ShapeShift
Founder: Ethereum Denver

(twitter: @seven7hwave)

Microtick

What is it?

How does it work?

What makes it unique?

Exploring the (in progress) DApp

So...What is Microtick?

What is Microtick?

It's a global, decentralized, real-time method for achieving price discovery

What is Microtick?

It's a global, decentralized, real-time method for achieving price discovery

It's also a competitive two-sided marketplace for trading short-term options

What is Microtick?

It's a global, decentralized, real-time method for achieving price discovery

It's also a competitive two-sided marketplace for trading short-term options

...and it's designed to provide a trustless & free price feed to the entire Cosmos ecosystem

Why Cosmos?

Why Cosmos?

Meets our requirements for fast finality, throughput, and chain sovereignty

IBC will provide inter-chain and trustless transmission of price information

Beyond the Bid/Ask

Price discovery is decoupled from the underlying

Price discovery can be achieved for any asset (or almost any real-world condition that can be expressed as a price!)

How Does it Work?

SCHELLING POINTS

A Two-Sided Marketplace

Market Makers: Provide assertions about an asset's price and expected volatility over a given timeframe
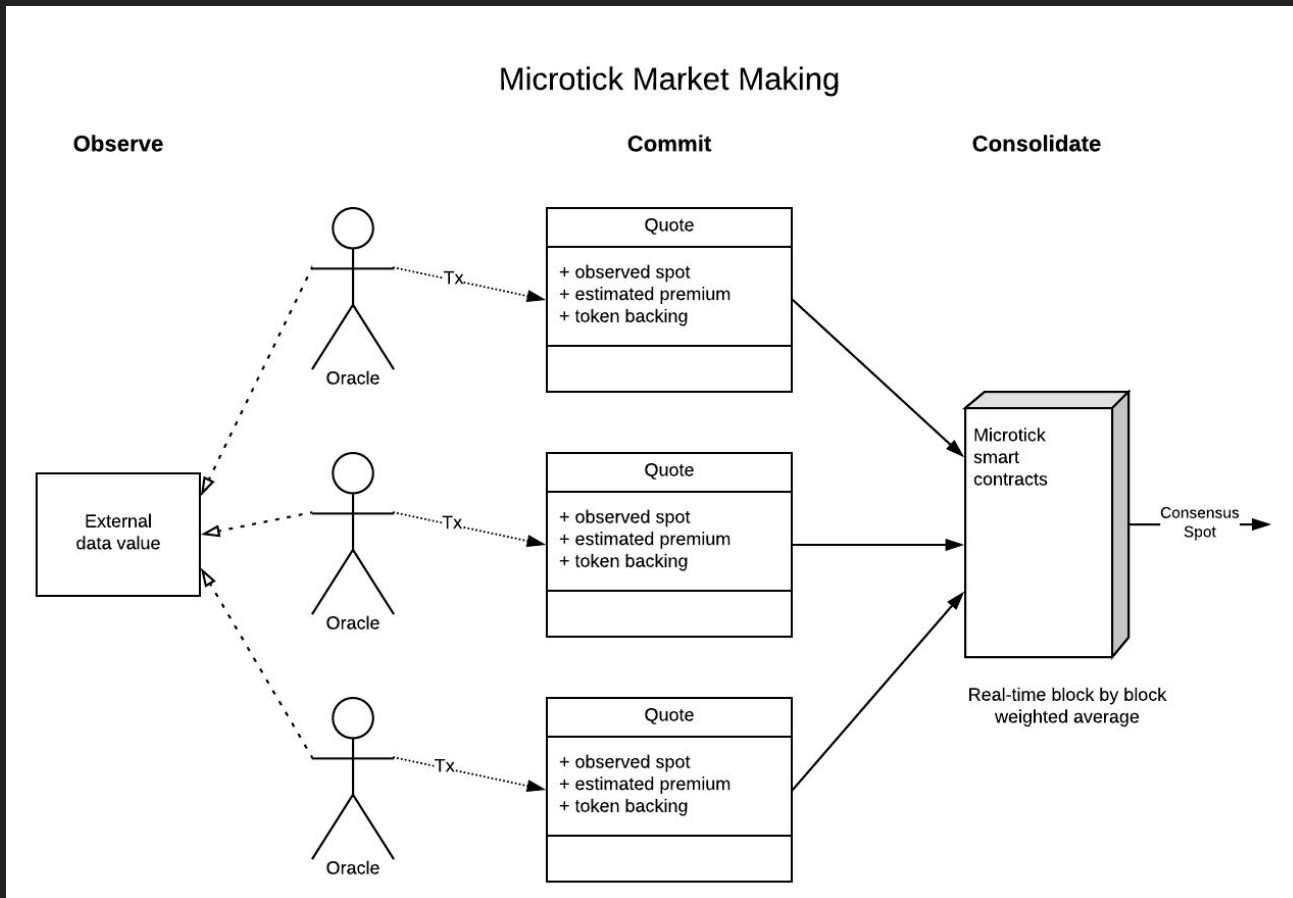
Traders: Observe what the market makers are saying about the current price, and trade based on those observations.

Market Maker Quotes

Market Making Visualized

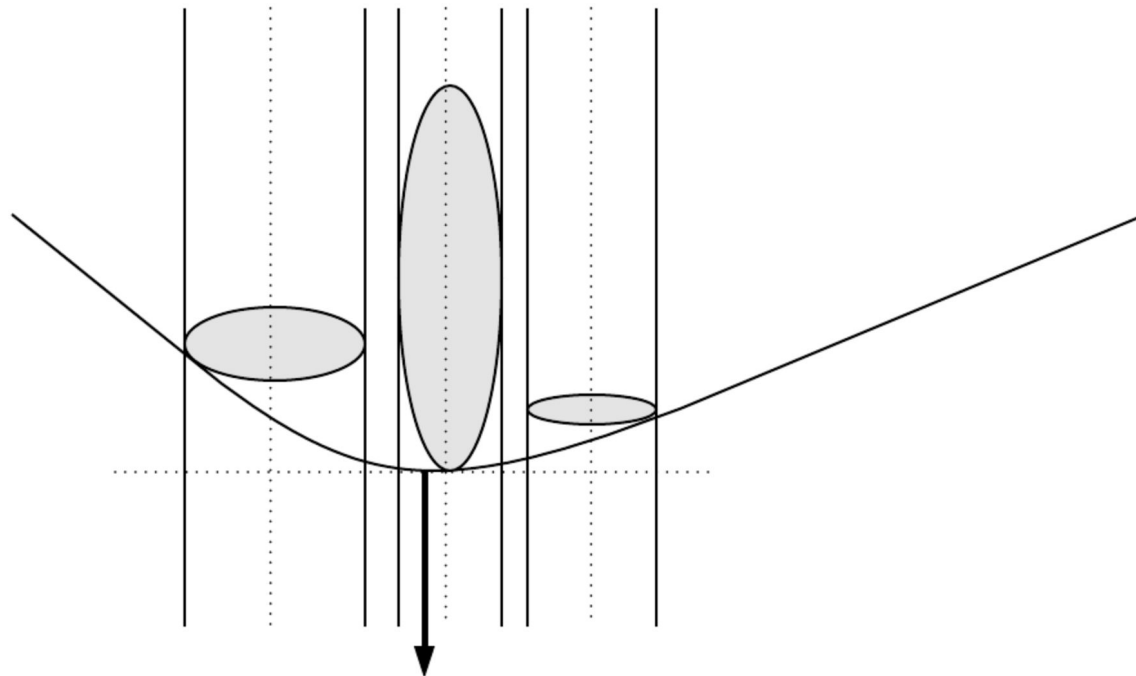Microtick Market Making
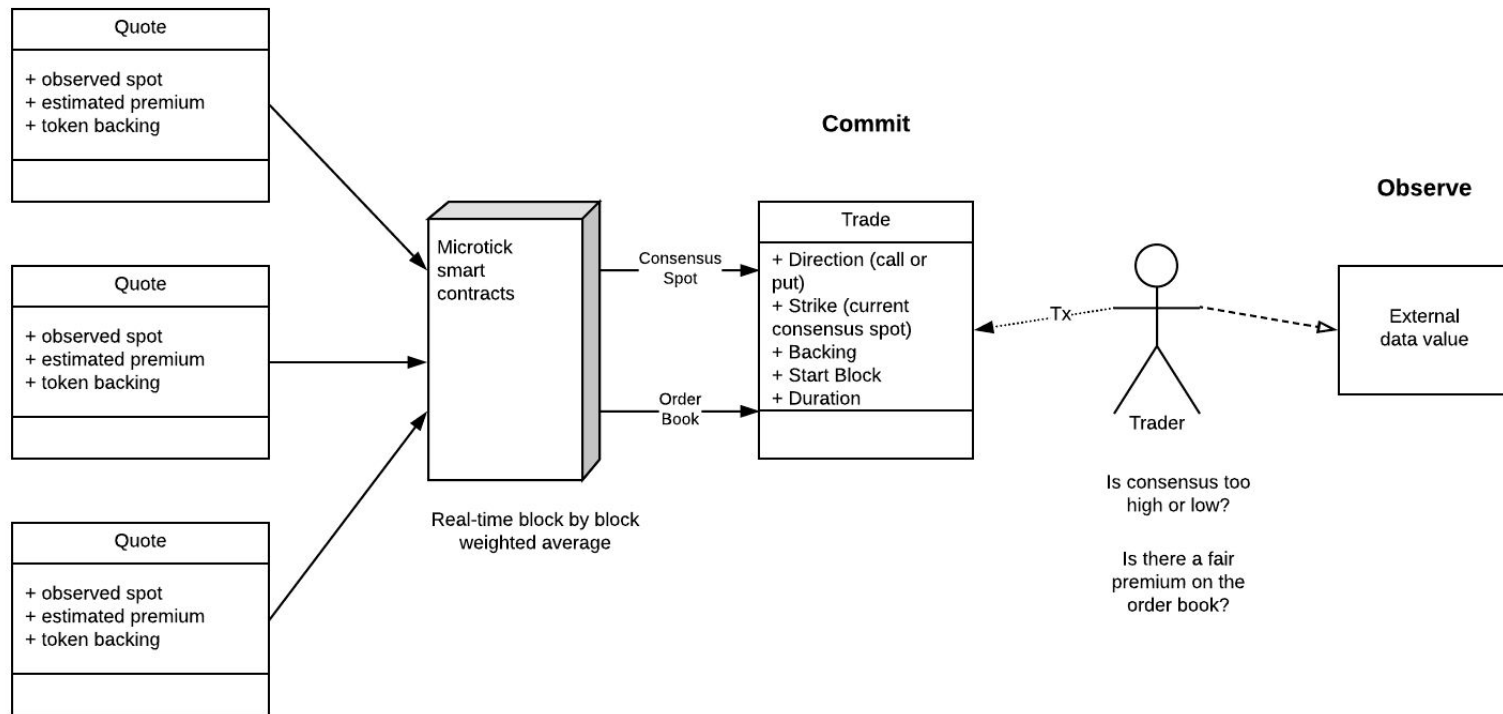
$275
+/- $2
10 tokens

$280
+/- $1
20 tokens

$282
+/- $1.50
5 tokens

Consensus = $279.22

Trading Visualized

Microtick Trading

Microtick's Output:

A free price feed...

Microtick's Output:

A free price feed...that can be hedged

Fundamental Advantages

1.) Decoupling price discovery and trading (thereby discouraging centralization)

2.) There's a single price for every block that anyone on the planet can observe, use, and hedge *

3.) Create markets for illiquid assets, NFT's...or almost any real-world asset or condition!

Risks & Challenges

The Game Theory: Does it work at scale?

Liquidity: Can we build a critical mass?

Consensus: Can we build a secure validator set?

Regulatory: Which jurisdictions can host Microtick?

Wanna learn more?

Are you a validator or market maker?

Are you a DApp developer?

What could you do with a free price feed?

www.microtick.com

TRADING | STATUS | HISTORY | ABOUT

Market

Crypto: Ethereum ETH/USD   × ▾

■ 5 minute	■ 15 minute	☐ 1 hour	■ 4 hour	■ 12 hour
⚖ 171.3165	⚖ 91.1966	⚖ 44.6219	⚖ 22.311	⚖ 12.8813
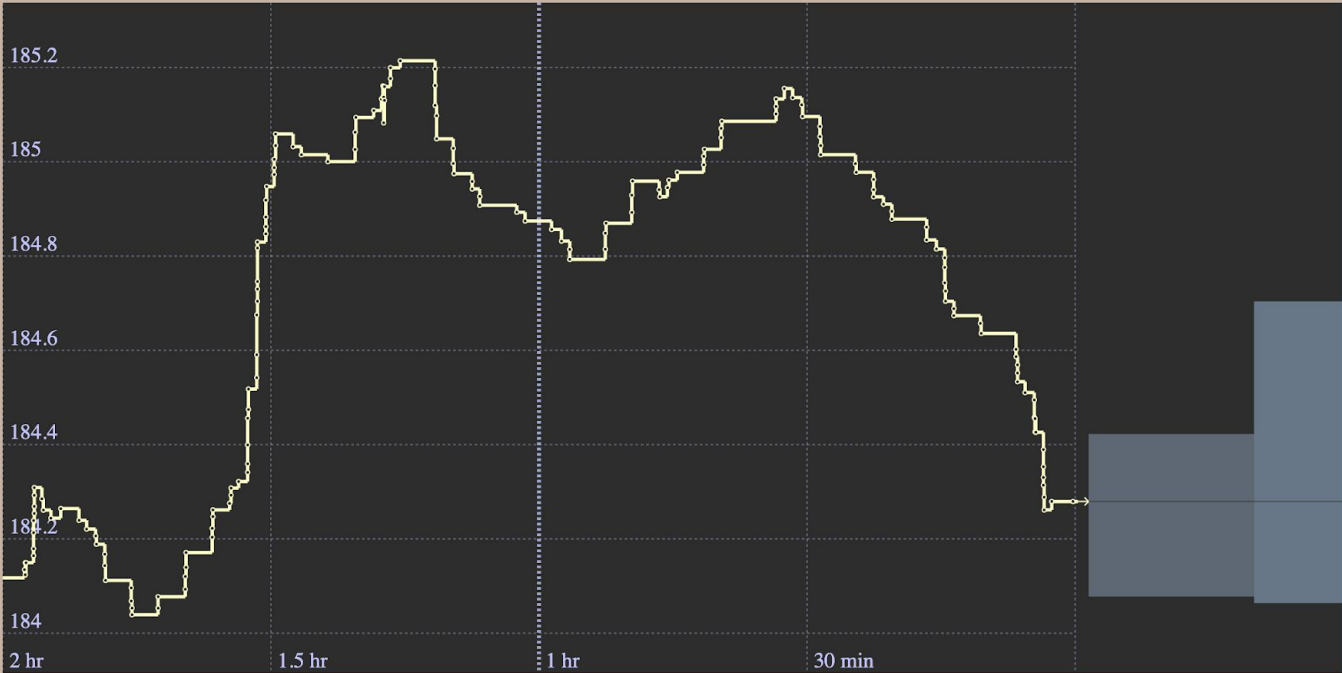
Consensus = @184.2793

Mass = 500 fox

Weight = ⚖ **342.3272**

At the current market weight, a quote with backing of [1] **fox can move this market 0.0006 (at most)**

185.2

185

184.8

184.6

184.4

184.2

184

2 hr   1.5 hr   1 hr   30 min