Twitter Thread by Sawit Trisirisatayawong





With \$GME and \$AMC live soon on omnormal:omnormal and the absolute madness that played out in the traditional financial markets this week, there's no better than now to go decentralized.

A summary on Mirror Protocol, how it works, and its potential



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<u>@mirror_protocol</u> is a decentralized synthetics protocol built primarily on Terra blockchain. It enables users to gain exposure to various real-world assets (stocks, cryptocurrencies, etc.) through the creation and trading of on-chain synthetic assets, called mAssets

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At the time of writing, the assets supported consists mainly of US-based equities (e.g. \$FB, \$AMZN, \$ABNB), with other asset class such as cryptocurrencies coming in the pipeline starting with \$BTC and \$ETH, as well as a number of others currently in governance voting process

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The protocol the offers numerous advantages and benefits over traditional exchanges and markets

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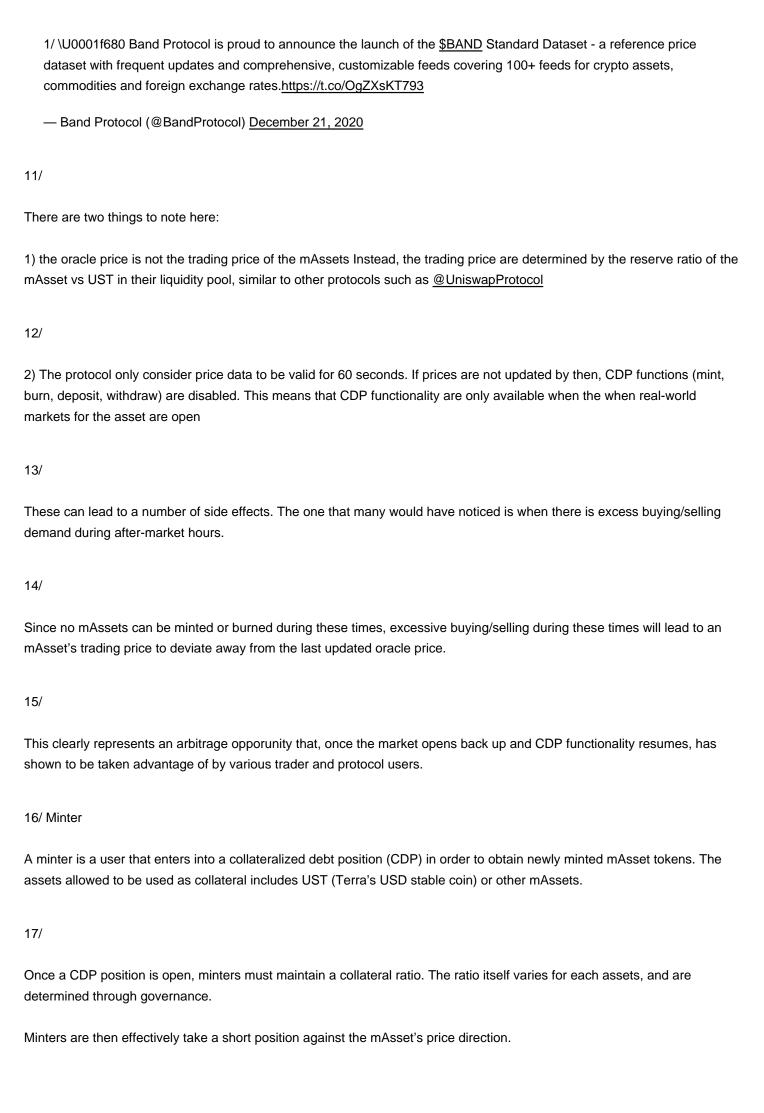
1) First, unlike the example that we saw with Robinhood this week, there's no central entity with the power to pause/restrict trading on any asset, much less the ridiculous one-sided disablement of buying or selling that we've witnessed

https://t.co/4dS0oNPrQ0

outage LMAO
— Larry Cermak (@lawmaster) <u>January 29, 2021</u>
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2) The protocol enables users to gain access and price exposure to the available assets without the restrictions and burdens of accessing, owning, and transacting stocks in traditional markets
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3) As the protocol matures, the breadth of supported asset will continue to grow. While we're starting with with US-based stocks, the protocol itself can support essentially any asset class
Those looking to add new assets can easily do so through governance proposals
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4) Finally, the tokenization of the assets allow for fractional ownership, lowering the monetary barrier to entry for anyone that's interested in participating
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Now let's get into the protocol itself and its various components. The protocol itself relies on 5 main parties:
- Oracle - Minter - Liquidity Provider - Trader - Staker
9/ Oracle
The oracle is the sole entity permitted and responsible for providing an accurate and up-to-date price feed of the mAssets. The price data itself is then used in 3 scenarios:
- minting new mAsset tokens - calculating the collateral ratio - liquidation
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The oracle role is currently mostly fulfilled by <u>@BandProtocol</u> , with the price data being updated every 15 seconds. The data themselves originates from <u>@iexcloud</u> for stock prices and the Band Standard Dataset for cryptocurrencies.

https://t.co/o81VSoBWTf

Robinhood restricted crypto trading due to "extraordinary market conditions" and Coinbase is investigating a site



Minters can adjust their ratio by either burning mAssets or depositing more collateral.

19/ Liquidity Providers

A liquidity provider enables the trading of the mAssets. They achieve this by adding equal amounts of an mAsset and UST to a corresponding liquidity pool, either through Terraswap (https://t.co/UVN63vBzpi) on Terra, or equivalent pools on other chains

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In return for providing liquidity, LP's receive newly minted LP tokens, which represents their share of the pool. LPs are also rewarded in the form of trading fees similar to Uniswap.

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To stop being a liquidity provider, a user can burn their LP tokens to reclaim their share of the mAsset and UST from the pool.

22/ Trader

A trader engages in the buying and selling of mAssets through liquidity pools. Again, note that the price at which the trader buys or sells mAssets are not specified by the oracle, but instead the current ratio of the reserves available in each asset's liquidity pool.

23/ Staker

A staker is a user that stakes either their LP tokens (acquired through providing liquidity in the protocol) or \$MIR tokens (Mirror's governance tokens) in order to earn staking rewards in the form of MIR tokens.

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The sources in which these rewarded \$MIR tokens are acquired differs however, LP token stakers earn MIR minted from inflation, whereas MIR token stakers earn MIR rewards from CDP withdrawal fees.

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MIR stakers are also eligible to partipate in the protocol's governacne, with their voting power tied to the amount of MIRs they have staked.

26/ Governnace

Governance enable proposals, called polls, to be proposed, voted on, and passed to make changes to the protocol. The process community-led, where those who are eligible are those who have MIR tokens staked on the protocol's Gov contract

https://t.co/F5dO5YjcdF

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Again, the voting power for each eligible voter is then proportional to the amount of MIRs they have staked.

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Once submited, the poll can be voted on by the community until its voting period expired. For a poll to pass, three conditions must be met:

- it must pass quorum and threshold conditions
- it is ratified
- its contents can automatically be applied after a set period of time

29/ Multi-Chain

While the core contract and CDP functionality exists solely on the Terra chain, mAssets are designed to be accessible and tradable on multiple blockchains.

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This cross-chain transfer is facilitated by the Shuttle bridge, enabling mAssets and other Terra assets to be transferred and traded on protocols that exists on other chains such as Uniswap

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Lastly, I'm more than excited to have played a part in the protocol through our partnership with the Mirror team. With that said, this is only the start and I can't wait to see where we go from here ■

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Hats off to <a>@d0h0k1 and the entire Mirror team for all their work and success thus far and looking forward to building even greater things together!