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DexAlpha

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Starting Place of All DAPPS



by DEXALPHA.COM Team on 02/16/2018

2017 saw rise to thousands of new Decentralized projects, namely on the Ethereum Blockchain. We are looking at a new horizon in technology- and what is even better is that it is going into the hands of the people. Now 2018 is here and we need to keep this power in the hands of the people.

We want to introduce DexAlpha, a decentralized, Peer to Peer Ethereum Token Exchange that is aimed to be 100% self governed on a full voting standard and the starting place for all new projects. Low fees, and always free to list new Tokens.

Background

Ethereum Dex Exchanges are extremely popular and horribly managed. We started out trading this past year and saw huge potential get crushed by really bad decisions and the ones who got hurt the worst were those that trusted in the technology. We decided that we need something better, safer, and 100% decentralized. Our example is in one very

popular exchange platform- this exchange is “decentralized” in that all tokens can be traded on it, but (last year) in order to list officially to the platform developers would have to contact 1 person and submit their information to list to the platform. Furthermore, if this person did not want to list the token for any reason- it won't. Now this has been replaced with an impossible system where developers need an equal amount of the exchange tokens (in marketcap) and what is worse: a none- existent system to list. I don't think this needs to be explained any further.

Our Plan

Our Plan is to bring a fully decentralized exchange. No listing fees, and all tokens are listed automatically. A full voting standard with DexAlpha Tokens will be used to regulate the exchange and keep users safe. We also are making it safer by eliminating the online importing of private keys and releasing applications for Desktops, Android, and iOS.

Safety: One of the worst possible things to do online is copy and paste your private key into anything. This is wrong on so many levels. We decided the best thing to do is to remove the option to directly import a private key and instead opt for Meta Mask/Browser plugin, Hardware support, and the option to create a new wallet (if you really must). The Mobile and Desktop Applications will support Private Key Import.

Ease of Use: Dex's have a learning curve and we all have numerous jokes about people losing massive amounts of Crypto in mistake trades. We feel the pain. So our proposal is to first give a walk-through and also safety measures such as a simple warning when people place their trade and the requiring of the user to sign the transaction.

Self- Regulation: A true Dex is open to all. Of course, this also can come with abuse. Our idea is to bring a simple way to make DexAlpha safe, let the users regulate it. Our DexAlpha Tokens will be used to upvote and downvote tokens listed to the exchange and can later be used for tipping too! When a token is upvoted, they can be promoted in the token list and when downvoted enough times, the order book will be disabled and the token de- listed to the contract address. A notification will show to give everyone the chance to withdraw their assets from that trading table.

In the case that there is an issue of project fighting, or a mistake in the voting, we will also have a dedicated page for arbitration. This will allow the affected party to submit a ticket to the platform and explain why it was delisted. That ticket will then be made public for users to vote on and/ or provide proof as to why the token should remain delisted. Admins will make a decision and then take appropriate action.

Dex Alpha Tokens

As part of the platform, Dex Alpha Tokens will be used in the regulation of the exchange. Dex Alpha Tokens will also be traded on the platform, allowing the market to decide its value and exchange will allocate funds in order to float the value of the token. It is also important that the price of Dex Alpha Tokens does not become too expensive as its value is in using it for voting. Our voting system will tailor the price of voting to the USD value voted on by the DexAlpha Discord community.

Users can trade Ethereum for Dex Alpha Tokens, then click to upvote their favorite tokens, and downvote possibly malicious tokens at a rate limit of 4 in 24 hours. The tokens are then sent to the exchange fee wallet to be re-used in the market. The exchange will utilize a trading bot to both set orders to buy back tokens in the case its value goes too low and will sell into orders to circulate, as well as regulate the price to not go too high. Our promise to users is that the trading bot will never fill more than half of a buy order for tokens, and we will always use half of the ETH gained in the sale to place buy orders to keep a good resistance level.

Voting API Structure:

DexAlpha Token voting will work by users depositing DexAlpha Tokens to upvote or downvote Tokens listed to the DexAlpha Exchange. A simple breakdown of the process will be that the user will hold the tokens in the wallet that they own the private keys. They will click to upvote, or downvote a token listed on the platform and will be prompted to send a transaction of DexAlpha tokens (which will be scaled in accordance to value) along with a message in the transaction, which will be read by the DexAlpha Database. Upon the tokens transfer, the database will update to reflect that vote. When a token is upvoted, it can be pushed towards the top of the token list. When a token is downvoted enough times, the token will be delisted from the exchange and the order book will be frozen to prevent a dump of the token on the market. In the case that there was abuse of the system- such as groups fighting, or problem with spam, etc.- the developers can submit a request for arbitration and pay the fee in Dex Alpha Tokens. Our idea is that if a project is downvoted so much that it is delisted, there is probably a problem that needs to be addressed.

Discounts for Token Holders:

In the DexAlpha Smart Contract, we have the ability to list accounts to receive a Gold Membership and Silver Membership. Gold Membership pays 0 fees, Silver Membership pays reduced fees. Initial investor accounts in DexAlpha who gave an amount of 10 ETH

or more will be whitelisted for 0 fees for life. Investors who give 5 ETH or more will pay 0 fees for 1 year. Investors that give more than 1 ETH will pay 0 fees for first 4 months.

Holders of a high amount of DexAlpha Tokens, who have them held in their Private wallet will enjoy discounted trading fees in the Silver Membership. The amount needed to hold will be voted on by the community every Quarter as the value of the Token fluctuates at the Market. This will be another way to make the value of DexAlpha Tokens stable.

This will be subject to change if the community votes in a resolution to the program, DexAlpha will still have it's final decision for the whitelist program, as the exchange has to make a decision which will keep the development going.

Dex Alpha Exchange

The Dex Alpha Exchange is planned to be peer to peer, with options to directly download and run native applications to your own device. This provides the absolute safest way to interact with the smart contract while still having access to the database for voting information.

Exchange Fee Structure:

Normal Exchange Fee	Silver Membership Fee	Gold Membership Fee
Deposit token 0.0001 ETH	0.00005 ETH	0
Deposit ETH 0.0003 ETH	0.00015 ETH	0
Trade 0.0003 ETH	0.00015 ETH	0
take liquidity fee 0.3%	0.15%	0
No fee to cancel orders	Always 0	Always 0

Exchange development plans:

Our full goal is to provide a safe platform for token trading to give the community a venue to self-regulate and prevent scams- As well as to provide a simple way to build a medium of exchange. We will start with Ethereum, and then start development on the most popular token platforms- all to be used in one application with a similar interface. The envisioned final version of DexAlpha will be a P2P escrow system, and DEX for users to trade ETH/WAVES/BITSHARES and tokens on their platform. (this will expand as other

token platforms develop and become popular) Users will be able to utilize an orderbook to trade between Ethereum, Waves and Bitshares- then use Ethereum to trade for Ethereum Tokens, Waves to trade for Waves Tokens, and Bitshares to trade for Bitshare Tokens. For voting on the new platforms, the plan will be to issue voting tokens for its platform in a similar structure to how DexAlpha Tokens are held. Holders of DexAlpha Tokens on Ethereum Platform will be able to claim an equal amount of tokens on all other platforms within the promotional period so as not to shock the market too much and to correctly audit the process.

Dex Alpha Privacy and Transparency

Crypto is founded on the basics of Privacy and transparency through proof. The blockchain is the biggest example of this- it is public information of what address has how much, but the person or company behind the address has the fundamental right to their privacy. As such, we believe that proof and trust should be in software- not people. So as the lead developers of DexAlpha retain their privacy, no crowdfunding will be offered until an Alpha platform is available. Of course, everyone has their choice and above all, we thank you for choosing to read through our paper.

