PEPERIUM

Meme market on Ethereum blockchain

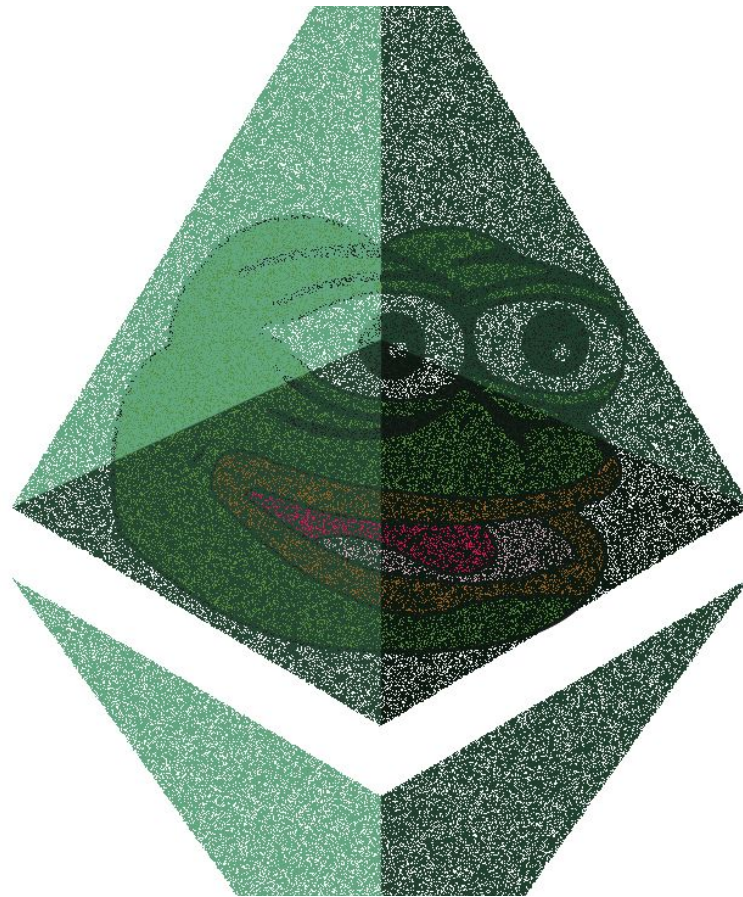http://peperium.life

Introduction

PEPERIUM is a new conception in how memes are communicated and traded online. It is a new rare pepe themed trading card game (TCG) on the Ethereum blockchain, that not only is a showcase and gallery of pepe memes - it is also fully decentralized. How is this done and how does it compare to existing meme marketplaces? This white pepe

introduces the technology on which PEPERIUM is built and the plans for continuing development.

Part I - Technology Stack

PEPERIUM will be different to other meme markets as it will be fully decentralized. How is this done? Rare pepe meme trading was previously done via Counterparty[1], which means that trading card tokens can be issued and freely exchanged in a decentralized manner. However, key services of rare pepe on Counterparty are not decentralized. This includes apps such as Book of Orbs, Spells of Genesis, and the like - including the central showcase of Counterparty rare pepes, which is backed by a centralized Wordpress site - http://rarepepedirectory.com [2]. This centralization is troubling, because if one of these apps or websites were to fail or become unavailable, the image and other media associated with that pepe card would cease to exist, due to the centralized hosting. PEPERIUM aims to be different, by utilizing smart contracts stored and executed on the Ethereum blockchain, it is possible to store both the token and the image or multimedia associated with that token in a secure and decentralized manner. Although the description field in Counterparty can be used to point at the image or URL of a card asset, this is not enforced. In PEPERIUM, image storage can be a direct enforcement as part of the contract and web form used when creating a card token. Secondly, PEPERIUM sites and services will be IPFS based - https://ipfs.io [3]. This is a decentralized file store which allows the storage of dynamic, distributed sites that can interact with Ethereum via the web3 interface (DAPPs). It is archival in nature, and used by such organizations where backing up large amounts of data are important, such as ArXiv and Project Gutenberg. This ensures longevity and security of the services, they can host and exist indefinitely as long as there are parties - PEPERIUM organization included - that continue pinning and hosting the sites.

Part II - PEPERIUM features and RARE token

The PEPERIUM Dapp will have an assortment of features to make creating and trading rare pepe cards fast and streamlined. This includes a creator's upload form, a gallery of certified rares, and a wallet showing all rare pepe card holdings and images. An auction house and decentralized exchange are also planned, where card tokens can be priced and sold in PEPERIUM's native token - RARE, or directly in ETH. The RARE token is a meme trading token designed with meme trading in mind, and it will be used to handle creation and listing fees, and possibly as an incentive for pinning the PEPERIUM Dapp on IPFS. It can be traded and exchanged freely on Ethereum marketplaces, and PEPERIUM organization plans for RARE to be listed in the Parity token registry and various Ethereum exchanges.

Part III - RARE token specification

Type: ERC20-compliant token

Supply: 100 million tokens, weekly deflation (burns) starting 4/20 - to 21 million max circulation.

Divisibility: 8 decimal places

Use: Trading card creation, gallery certification, card sales & auctions, gaming

Availability: Bounties, airdrop program (see below), Ethereum exchanges and marketplaces.

Token Address: 0x584AA8297eDfCB7d8853a426bb0f5252C4aF9437

The RARE token will serve as a base currency for meme creation and exchange on Ethereum. The supply will be initially 100 Million and to preserve the rarity and value of this token, beginning April 20th, 2017, there will be weekly burns of 1,000,000 RARE over a period of 79 weeks, until 21,000,000 RARE are in total circulation. RARE will be divisible to 8 decimal places, and price will be based on the supply/demand dynamics of the market.

Currently, RARE can be earned via a Bounty program - detailed at the official GitHub - https://github.com/J4DE3GG/PEPERIUM. Also, from now to April 20, 2017 there will be an airdrop to Telegram and GitHub users who watch the contract address listed above. This airdrop is for the first 11,000 entrants and will only be offered to unique Telegram

accounts, or GitHub accounts greater than 3 months of age. To qualify, either watch the address and then join the group here: https://t.me/joinchat/AAAAAyegMMc_xKazzJLLA

Or, star the project on GitHub, then open a github issue requesting your bounty:

https://github.com/J4DE3GG/PEPERIUM

Contact

PEPERIUM organization can be reached via Telegram:

https://t.me/j4de_3gg

Or, if you prefer - email:

jade@peperium.life

End Notes

[1] - *"Meme Collectors Are Using the Blockchain to Keep Rare Pepes Rare"* -

https://motherboard.vice.com/en_us/article/collectors-are-using-the-blockchain-to-keep-rare-pepes-rare

[2] - Rare pepe directory - http://rarepepedirectory.com

[3] - IPFS is the Distributed web - https://ipfs.io/