



GIT REKT

NEXT GEN DECENTRALIZED OPTION TRADING PLATFORM

ETHOptions

Prolegomena

THE CRYPTOCURRENCY MARKET
SAW A DRAMATIC FALLOUT
THROUGHOUT 2018.

With Bitcoin falling from a value of \$17,000 per coin in January of 2018 to around \$3,500, many traders incurred losses since the start of the year.

Whether you are a trader or an investor, your objective is to make money. Your secondary objective is to do so with the minimum acceptable level of risk.

Derivatives are financial instruments that aim to increase returns and reduce risk. A Derivative is a financial instruments that derives its value from an underlying asset, in this case, cryptocurrencies.

INTRODUCTION

WHAT IS AN OPTIONS CONTRACT?

An option is a contract that gives an investor the right – but not the obligation – to buy/sell an Asset at a certain price within a certain period of time.

ETHOptions

We present to you, ETHOptions - A Decentralized Cryptocurrency Options Trading platform to seamlessly hedge against your crypto investments by leveraging profits and managing risks.

ETHOptions' idea is to introduce options contracts over the blockchain.

Users can trade option contracts like any other ERC20 token (a standard token on Ethereum Blockchain), in a complete P2P fashion.

We provide a new Crypto Asset class that can potentially have a market size of \$42 Billion, to advanced investors.



Why Invest in Crypto Options?

THERE ARE 3 KEY FEATURES OF OPTION INVESTING:

1) Leverage

To control the same amount of equity, the option investor only needs to cough up a fraction of the capital needed. This ability to leverage is desirable for short term speculative trading purposes.

2) Protection

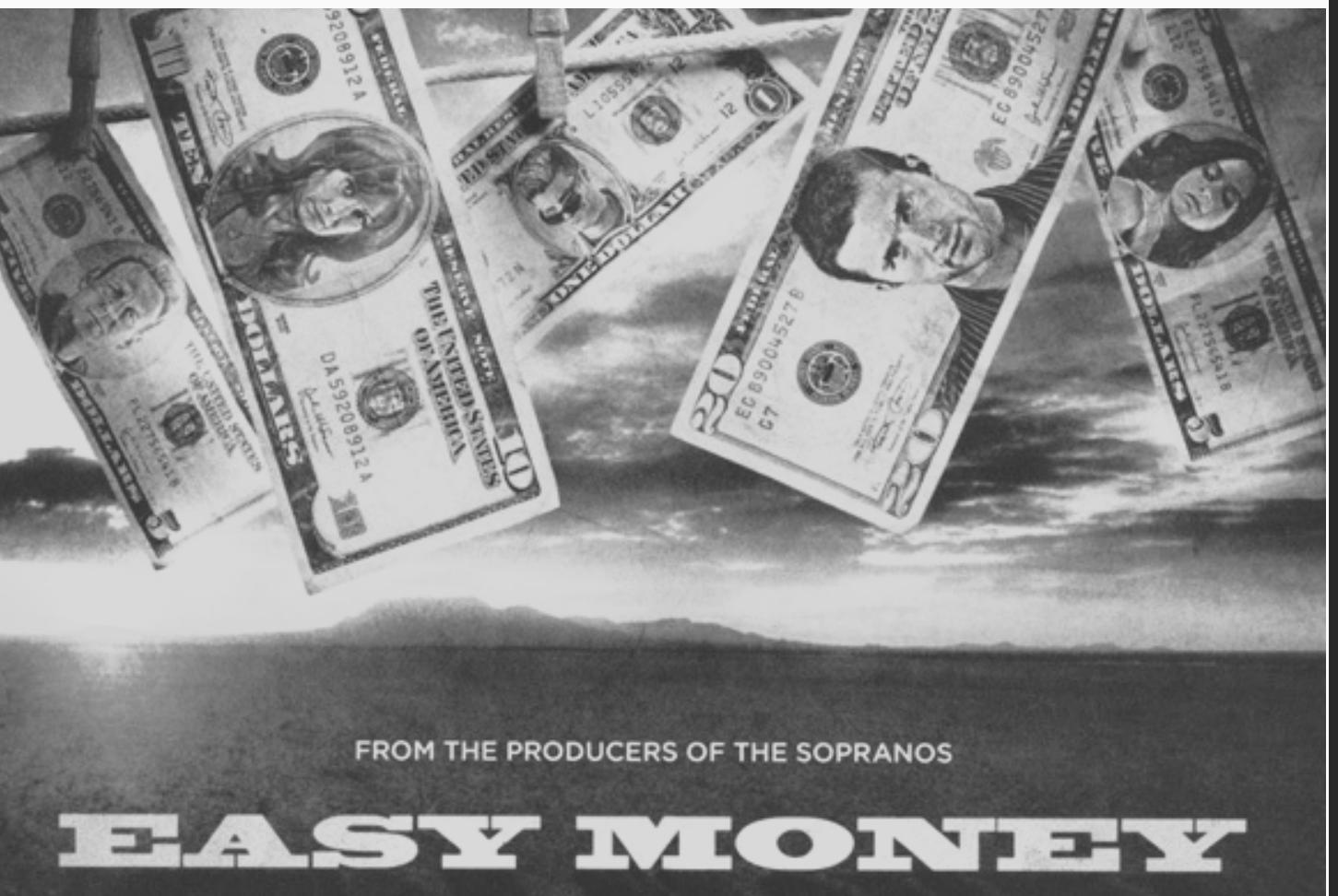
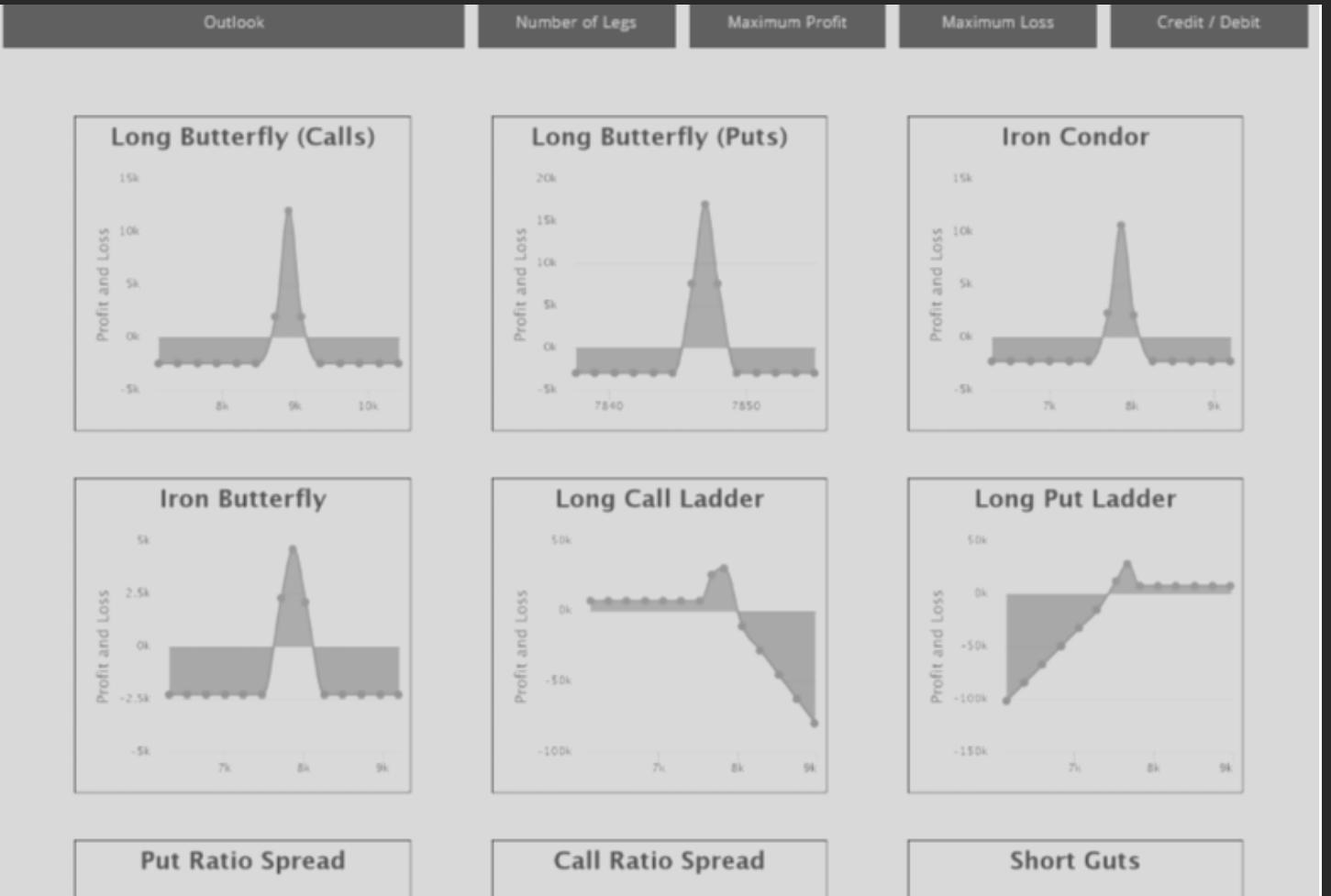
Another useful feature of crypto option investing is the ability can add on insurance into any trading plan. In times of great market uncertainty, protective put options can be purchased to hedge a long stock position against a sharp drop in the underlying crypto price.

3) Volatility Trading

Besides upwards or downwards, the options investor can bet on whether there is movement or no movement in the underlying crypto price. This is known as volatility trading. So, by investing in options, the trader can profit no matter which direction the market heads.

Decentralized Platform Benefits

- The main benefit of DEX is security. The platform does not store users' private keys or any sensitive data. The user has full control over the funds.
- The second benefit is decentralization. Obvio `_\\(ツ)_/\``. It doesn't have a central server, but instead, there are many servers worldwide that ensure safety. It is very hard if not impossible to hack it.
- The third benefit is privacy. Unlike regulated exchanges, DEX doesn't require any personal information or ID documents to create an account.
- Another benefit is the government can't ban DEX as it doesn't have a certain location.



The Working

Options Sellers receive ERC20 Option Tokens, generated against their deposited BaseTokens in Escrow, after setting the strike price & expiry time.

The Option Seller then creates orders to our 0x Options Relayer to exchange the ERC20 Options Tokens against a Premium (fraction of Strike Price), paid by the Option Buyer in terms of QuoteToken. Exchange of ERC20 Option Tokens & Premium is done by 0x Exchange.

The buyer can now choose to exercise his Option Tokens within the expiry time to purchase the locked BaseTokens at Strike Prices, in terms of QuoteTokens.

Buyer can then sell BaseTokens in the market, thereby making a profit of (MarketPrice - StrikePrice) per locked BaseToken.

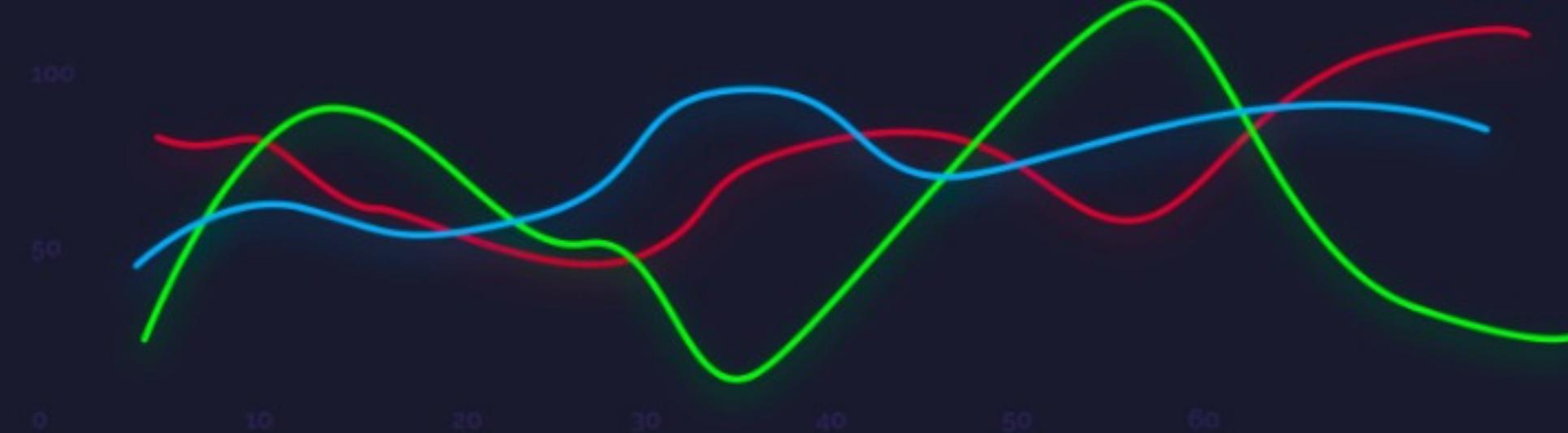
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ORDER HISTORY

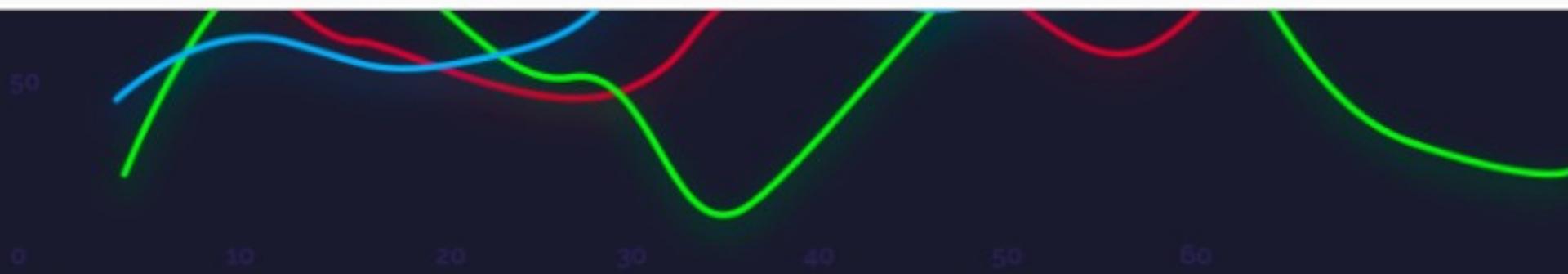
ZRX MARKET RATES



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No. Of Tokens	Base Token	Quote Token	Strike Price	Premium	Expiry
110	ZRX	WETH	48	10	1 day 4 hrs
50	ZRX	WETH	52	12	1 day 12 hrs

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No. Of Tokens	Base Token	Quote Token	Strike Price	Premium	Expiry	Action
110	ZRX	WETH	48	10	1 day 4 hrs	Buy
50	ZRX	WETH	52	12	1 day 12 hrs	Buy
78	WETH	ZRX	63	15	3 days 2 hrs	Buy
107	ZRX	WETH	45	12	4 days 12 hrs	Buy
120	WETH	ZRX	68	18	1 day 7 hrs	Buy
135	WETH	ZRX	72	9	4 days 8 hrs	Buy

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MY ORDERS

No. Of Tokens	Base Token	Quote	Strike Price	Premium	Expiry	Action
50	ZRX	WETH	52	12	1 day 12 hrs	Exercise
78	WETH	ZRX	63	15	3 days 2 hrs	Withdraw
107	ZRX	WETH	45	12	4 days 12 hrs	Exercise

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SOME RANDOM FORM

Enter Base Token

0x8a2e0dfc9baa42ba1c92dc1f77a5cec7407afa42

Enter Quote Token

0xb9d22e4f9683cf9fc3f41abb1fb001252438bae8

Enter Strike Price

72

Create Option

