

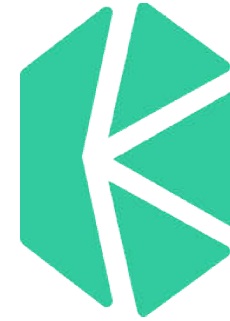
DeFi?



0x



AIRSWAP



kyber
network

MAKER



Bancor



Uniswap



- Key Features

- Lowest gas costs on the DEX market

Exchange	Uniswap	EtherDelta	Bancor	Radar Relay (0x)	IDEX	Airswap
ETH to ERC20	46,000	108,000	440,000	113,000*	143,000	90,000
ERC20 to ETH	60,000	93,000	403,000	113,000*	143,000	120,000*
ERC20 to ERC20	88,000	no	538,000	113,000	no	no

*wrapped ETH



- Key Features
 - Only ETH <> ERC20 token pools
 - Basically a protocol
 - Everyone can create own liquidity pools
 - Everyone can provide liquidity
 - Earn interest by providing liquidity



- Providing Liquidity

The number of liquidity tokens minted is determined by the amount of ETH sent to the function. It can be calculated using the equation:

$$\text{amountMinted} = \text{totalAmount} * \frac{\text{ethDeposited}}{\text{ethPool}}$$

Depositing ETH into reserves requires depositing an equivalent value of ERC20 tokens as well. This is calculated with the equation:

$$\text{tokensDeposited} = \text{tokenPool} * \frac{\text{ethDeposited}}{\text{ethPool}}$$



- Removing Liquidity

Providers can burn their liquidity tokens at any time to withdraw their proportional share of ETH and ERC20 tokens from the pools.

$$ethWithdrawn = ethPool * \frac{amountBurned}{totalAmount}$$

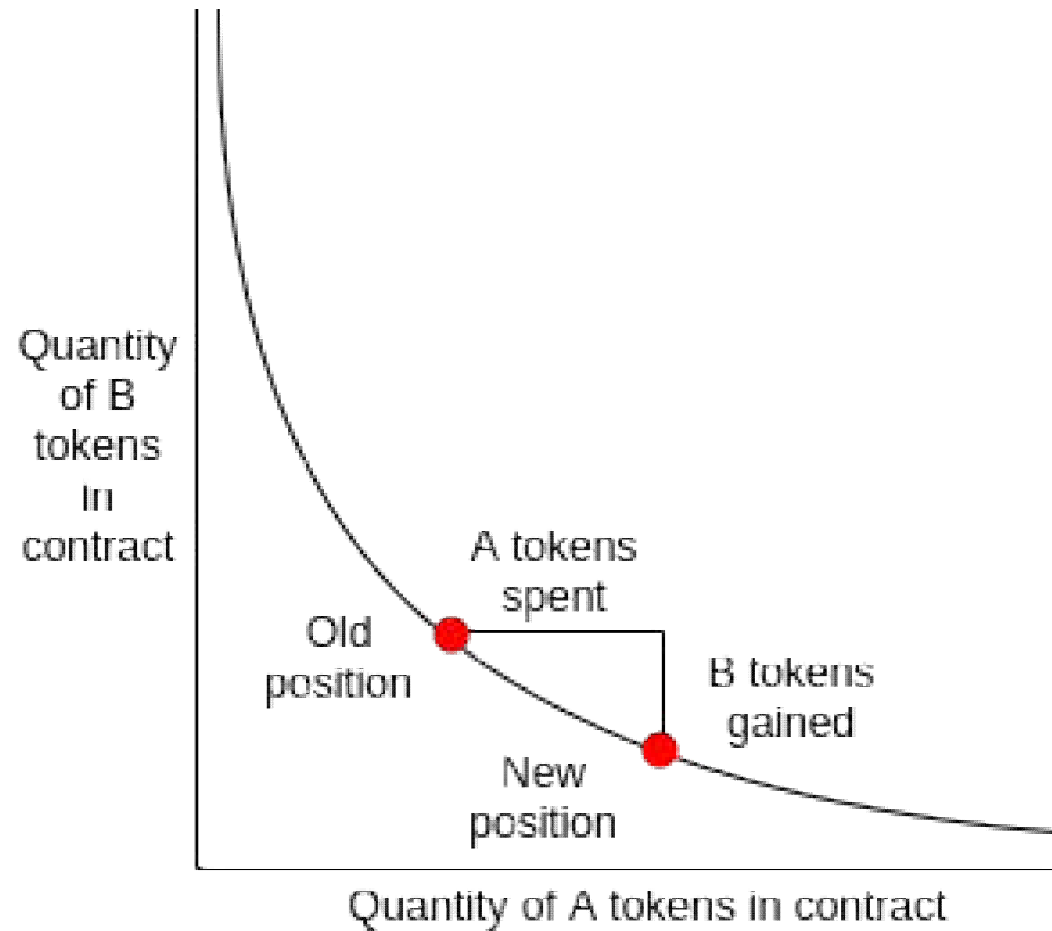
$$tokensWithdrawn = tokenPool * \frac{amountBurned}{totalAmount}$$

ETH and ERC20 tokens are withdrawn at the current exchange rate (reserve ratio), not the ratio of their original investment. This means some value can be lost from market fluctuations and arbitrage.

Fees taken during trades are added to total liquidity pools without minting new liquidity tokens. Because of this, `ethWithdrawn` and `tokensWithdrawn` include a proportional share of all fees collected since the liquidity was first added.

↻ Uniswap

$$x * y = k$$





Key Stats

Total Value Locked		24H
in USD	\$22.3M	-1.1%
in ETH	122.1K ETH	-0.2%
in BTC	2.4K BTC	+1.2%
ETH Locked	61.1K ETH	+201 ETH
% Supply Locked	0.06%	
Blockchain	Ethereum	
Most Locked	SETH	
Protocol Token	-	

Total Value Locked (USD) in Uniswap

[TVL\(USD\)](#) | TVL (ETH) | ETH | BTC | DAI

[All](#) | 1 Year | 90 Day | 30 Day | 7 Day



Total Value Locked (USD)

\$615M

Maker Dominance

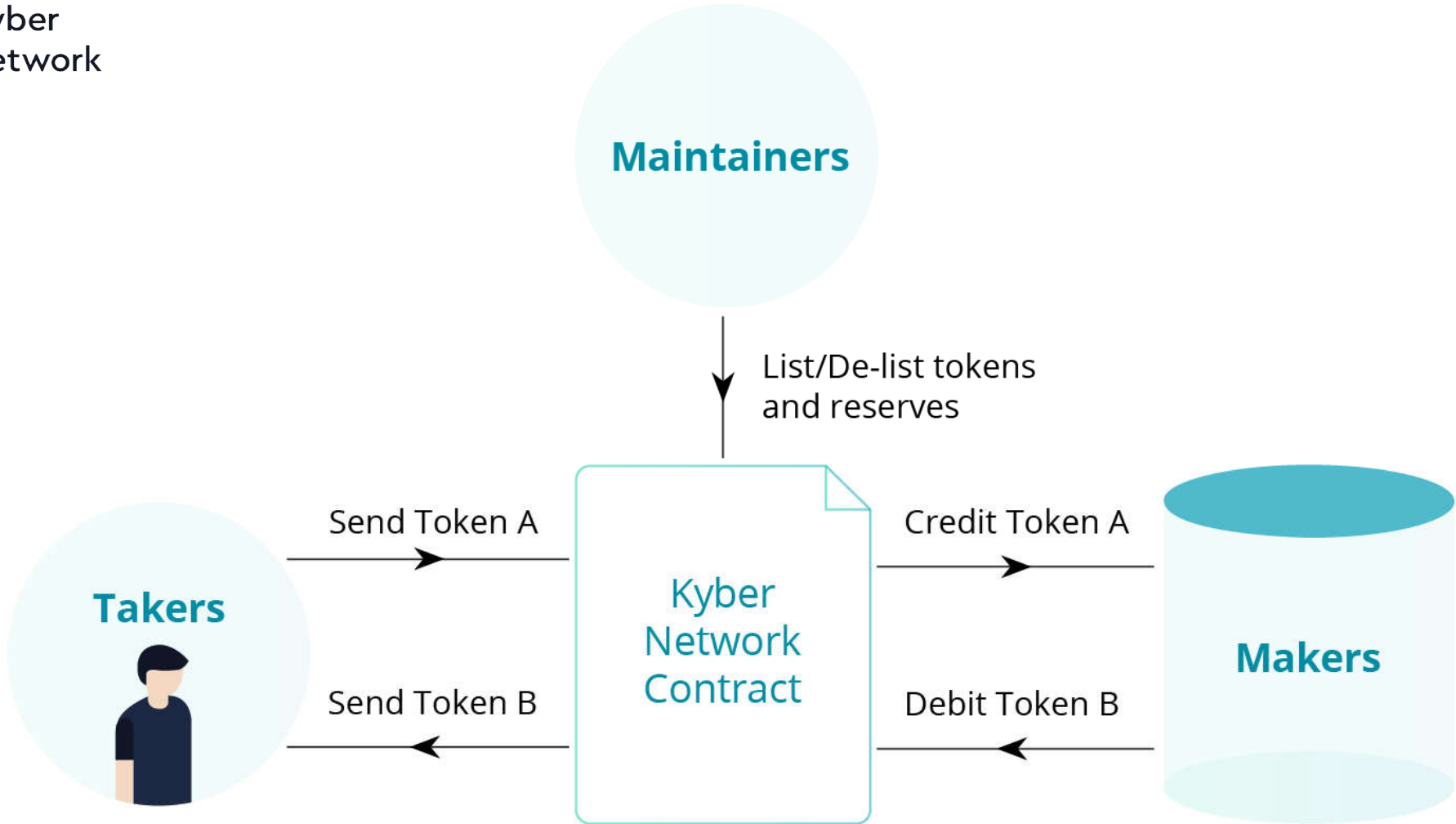
50.41%

Total Value Locked (USD) in DeFi

[TVL \(USD\)](#) | TVL (ETH) | ETH | BTC | DAI

[All](#) | 1 Year | 90 Day | 30 Day | 7 Day





Reserve Overview



$$\text{Price} = \frac{\text{Reserve Balance}}{\text{Smart Token's Total Supply} \times \text{Reserve Ratio}}$$

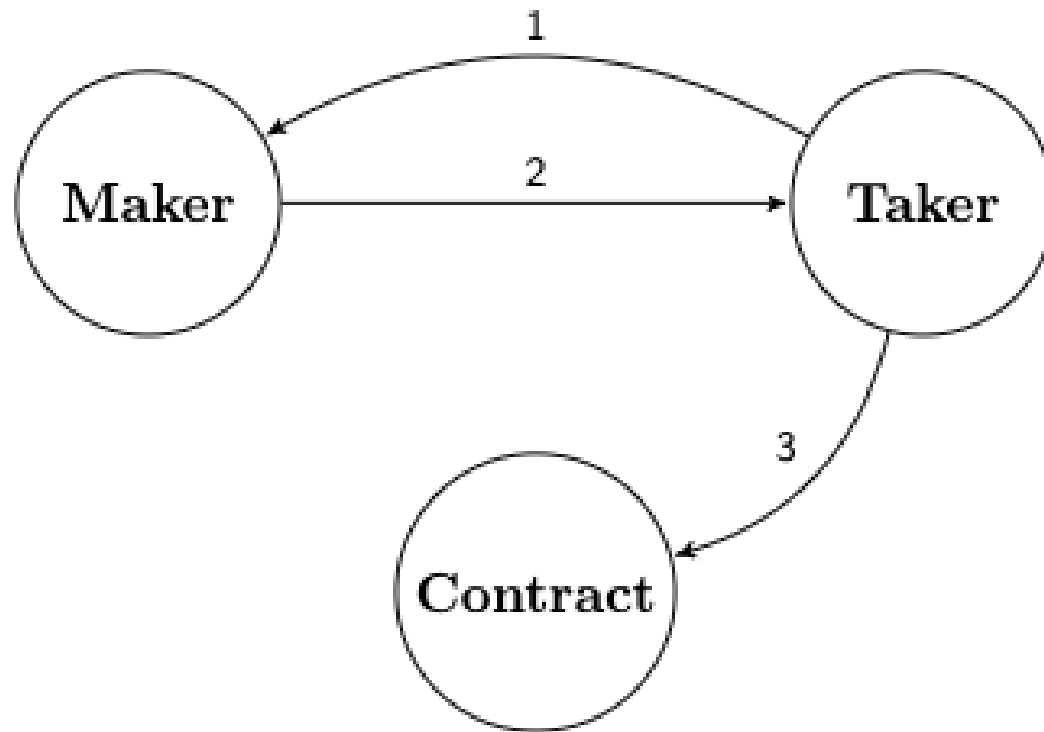


Figure 1: Request, provide, and fill an Order

Oasis Trade

Market

Instant

Connect Wallet ▼



WETH

DAI



181.3400 LAST PRICE

-0% 24H PRICE

612,459.9416 24H VOLUME

Price Chart

1M

1W

1D

1H



Trade History

PRICE DAI	AMOUNT WETH	TIME
181.3401	1.45999	28.10 16:44
182.8500	60.38414	28.10 16:33
181.7638	2.59523	28.10 16:04
181.8500	1.20000	28.10 15:50
180.8319	0.14499	28.10 15:37
182.2399	0.12626	28.10 15:37
182.7500	17.36020	28.10 15:29

Create Order

Buy

Sell

Order Book

