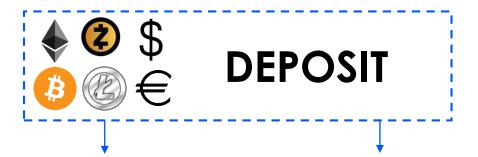


Telegram: @krboktv

E-mail: krboktv@gmail.com

WHAT IS WAVES FOR USERS





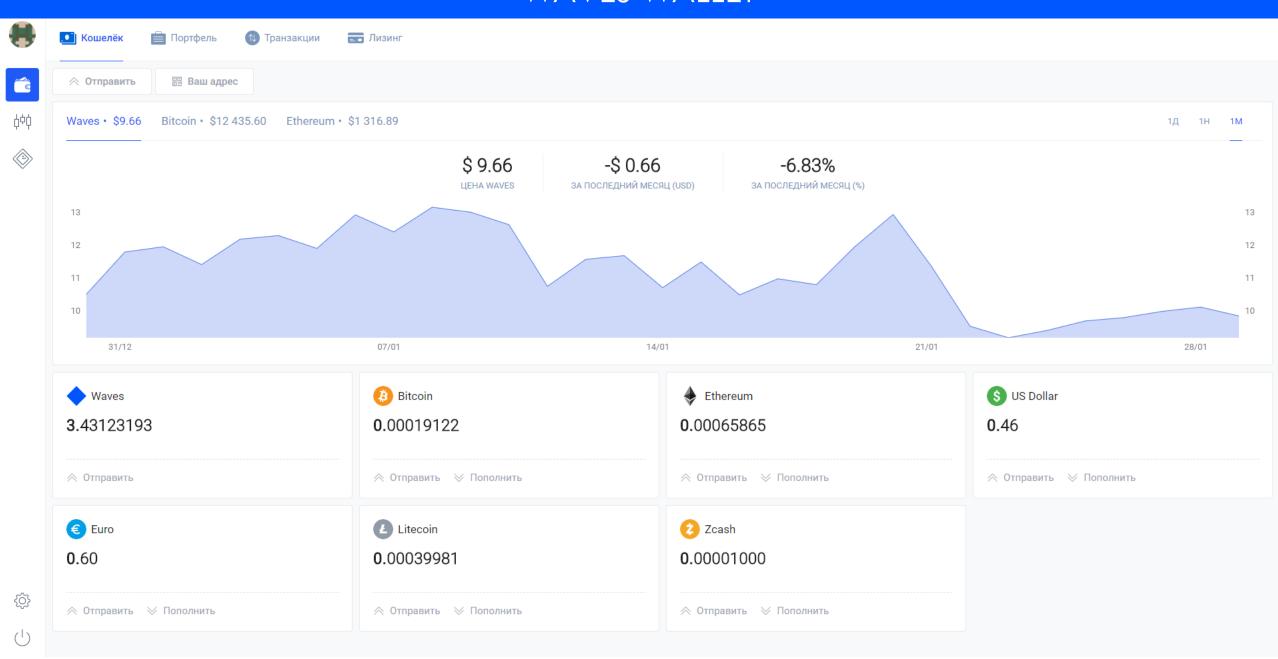








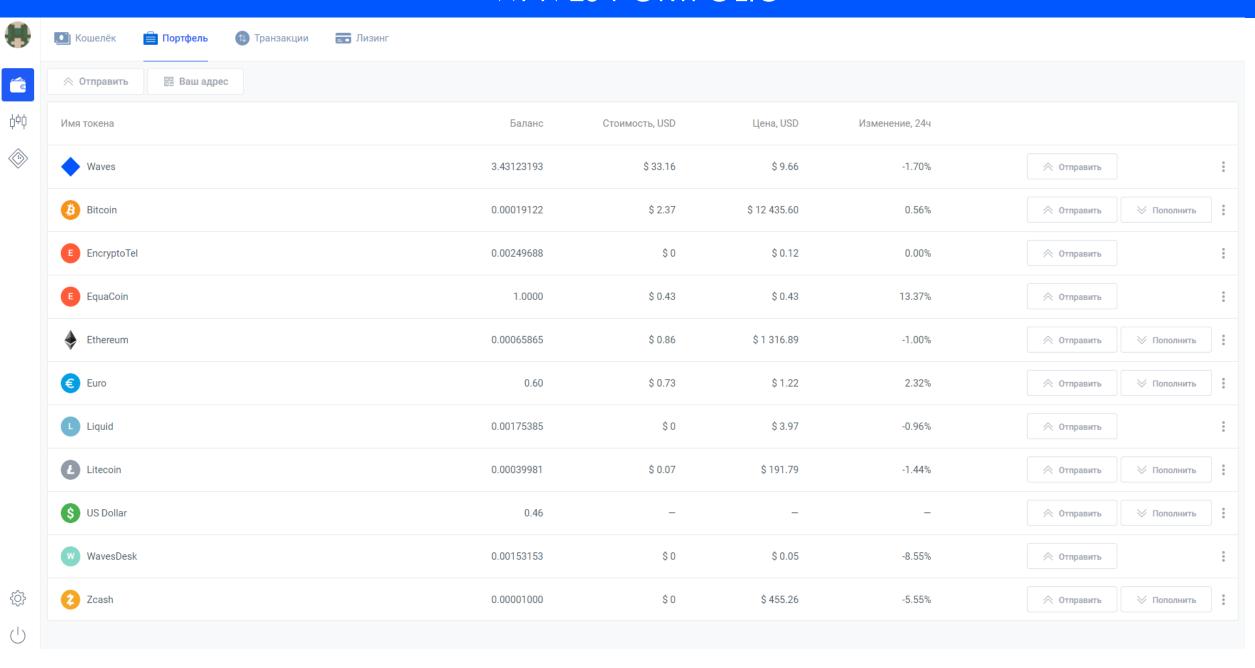
WAVES WALLET



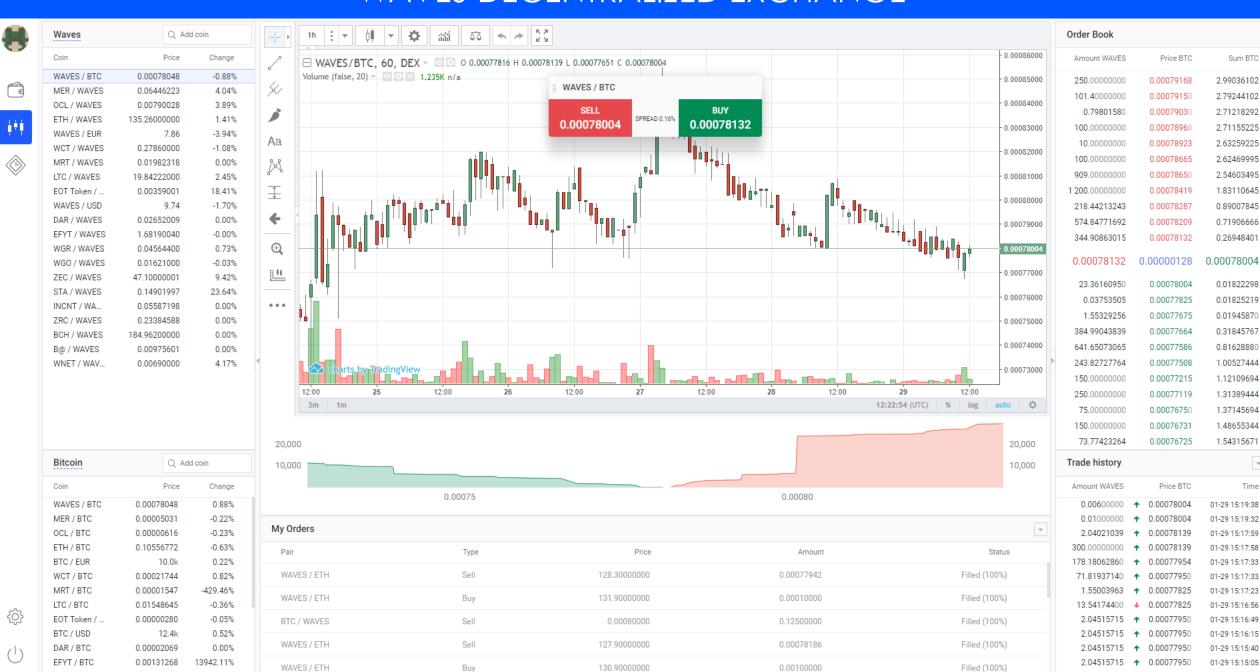
TOKEN CREATION

Name of your asset		
Please use only Latin letters		
Description		
You can not change the description later		
Total tokens		
F	Reissuable	
Decimals This field defines the number of decimal signs for your token		
From 0 to 8		
Preview		
Fee 1 WAVES		
Generate		

WAVES PORTFOLIO



WAVES DECENTRALIZED EXCHANGE



1.55332761 • 0.00077673

01-29 15:12:04





WGR / BTC

0.00003562

-1.21%

TECHNOLOGICAL SIDE

0. Waves Blo	ockchain
1. LPoS Protocol	2. NG Protocol
3. What is DEX?	
4. Waves	API

WAVES BLOCKCHAIN

Block N

Current Block hash

Previous Block hash **Timestamp**

> **Transaction 1 Transaction 2**

Transaction 100

New Block: 1 min

Total emission: 100kk WAVES

- If you want to be a miner you must have 10k WAVES on your balance
- All Block's data
- 3. All information about validation

WAVES BLOCKCHAIN

Block N

Current Block hash

Previous Block hash Timestamp

Transaction 1
Transaction 2

Transaction 100

New Block: 1 min

Total emission: 100kk WAVES

1. If you want to be a miner you must have 10k WAVES on your balance

- 2. All Block's data
- 3. All information about validation

Consensus protocol Proof-of-Stake

Block validation

Blake2b256(PrevHash + Address + Timestamp) <= 2^256 * Balance / Difficult

PrevHach – hash of preveous block;

Address - miner's address;

Timestamp – current time (UTC);

Balance – balance of miner's address;

Difficult – constant, which is set by the system;

Rewards:

- 1. 50 MRT every month (-5 MRT every 50k blocks)
- 2. Transactions fee

LPoS PROTOCOL



...and sharing in the rewards, without giving up control of their WAVES.



Miners run nodes to secure the Waves network and are rewarded with fees.



Regular users can lease their WAVES to miners from the lite client, thereby increasing the WAVES they can use...

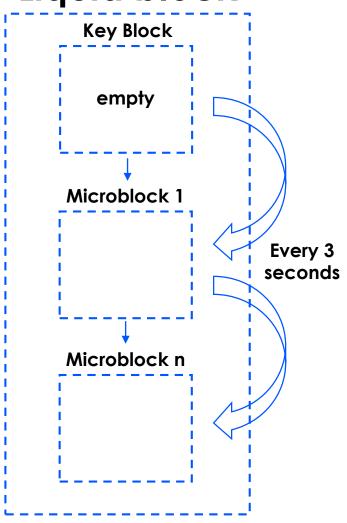




Their rewards depend on the amount of WAVES they use to mine. The more WAVES, the greater the rewards.

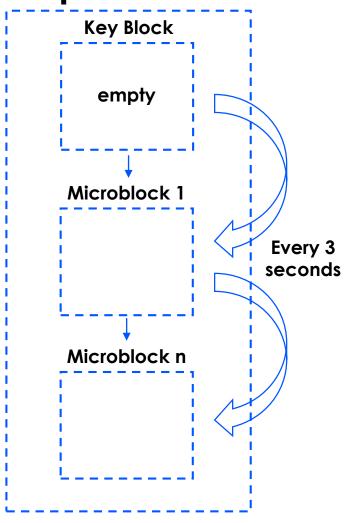
NG PROTOCOL

Liquid block



NG PROTOCOL

Liquid block



Microblock N

Generator: Public key

TransactionData: Seq[Transaction]

PrevBlockSig = BlockID

TotalBlockSig = new BlockID

Signature



get permission to

Key Block

Create new empty block and get 60% of fees from last block



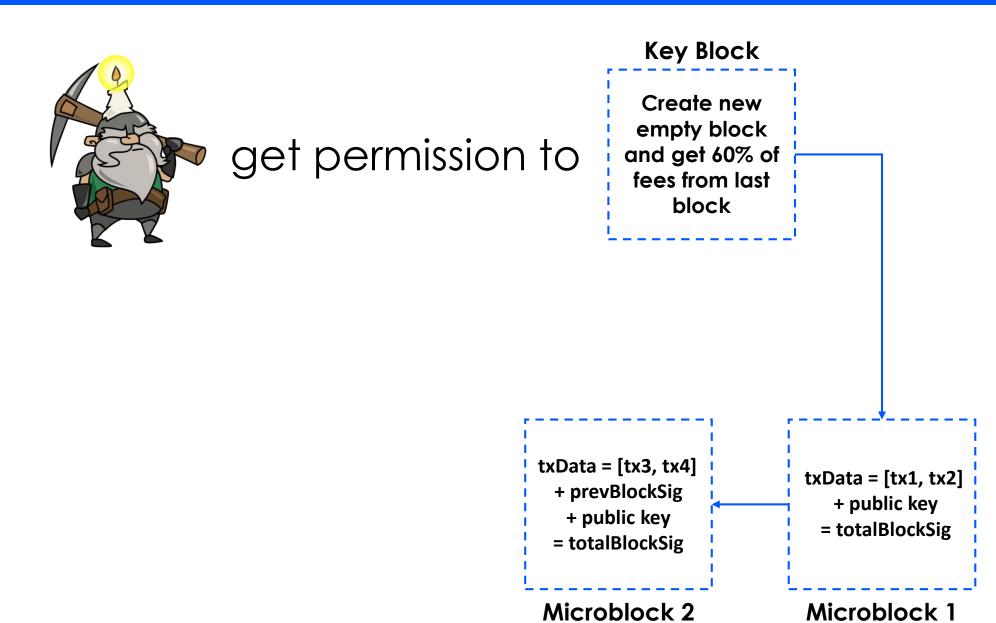
get permission to

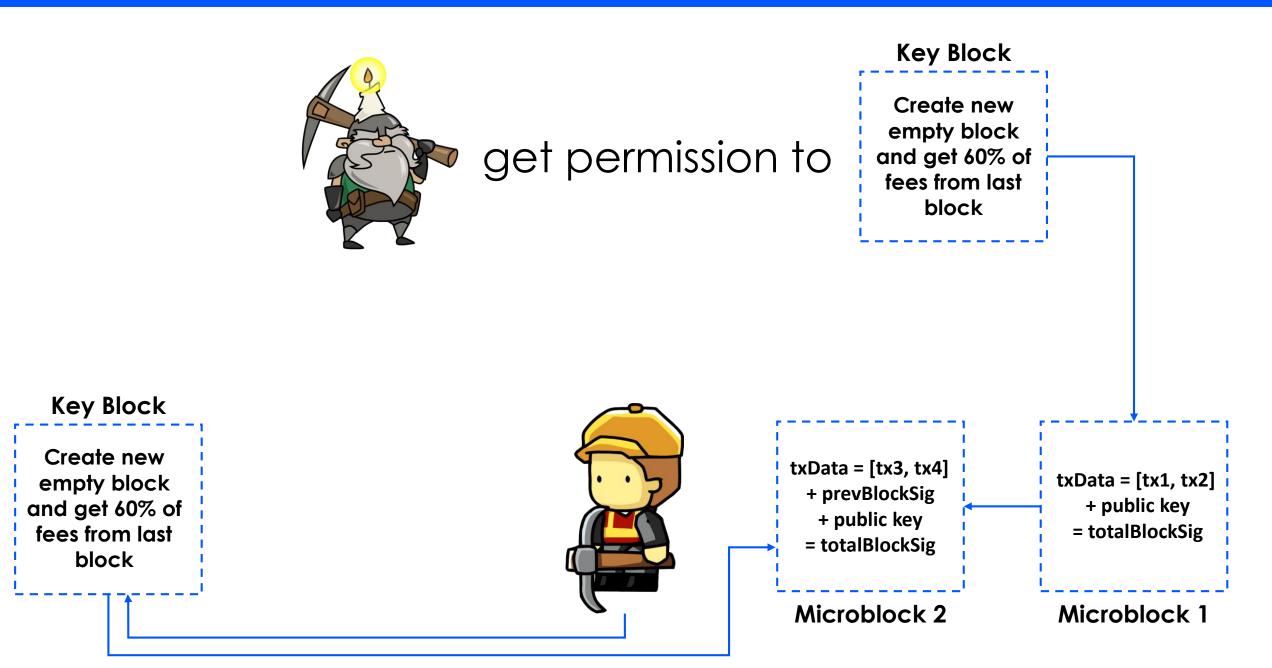


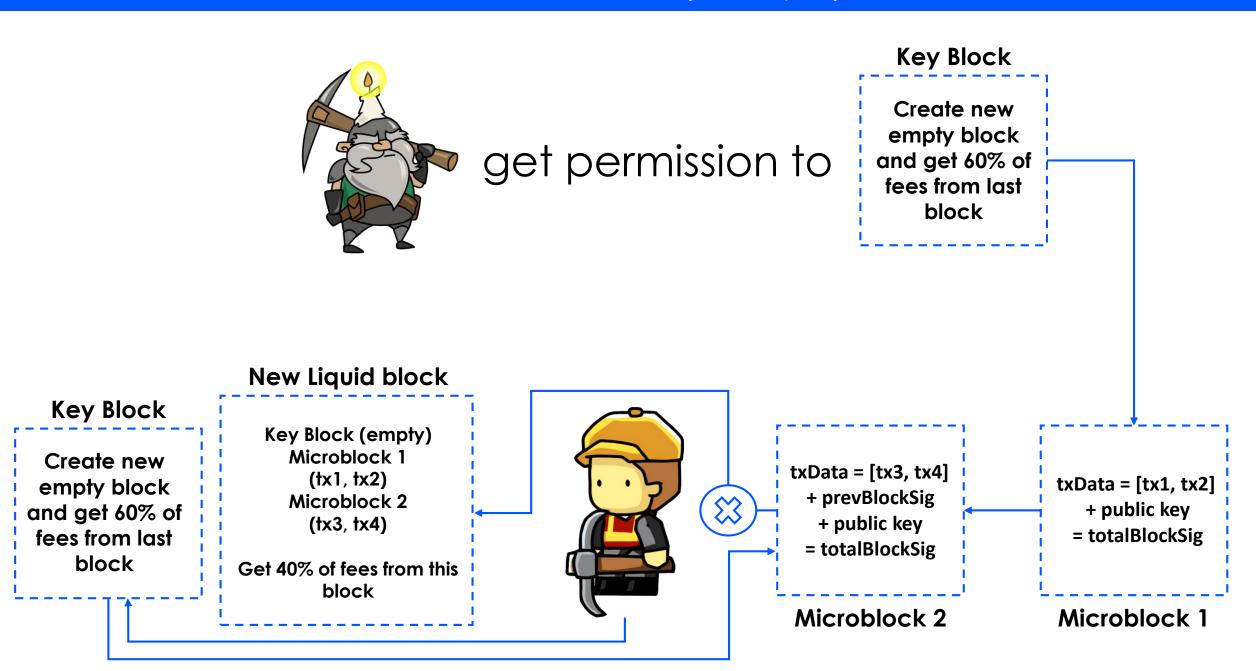
Create new empty block and get 60% of fees from last block

> txData = [tx1, tx2] + public key = totalBlockSig

Microblock 1











Don't waste money on high fees





Protection from frontrunning and other fraud

SELL ORDER

BUY ORDER





Don't waste money on high fees



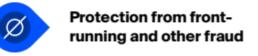


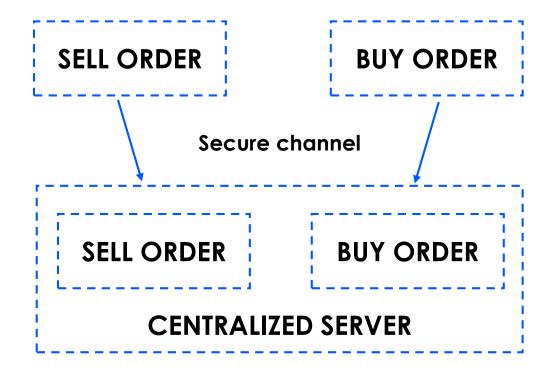
Protection from frontrunning and other fraud







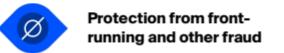


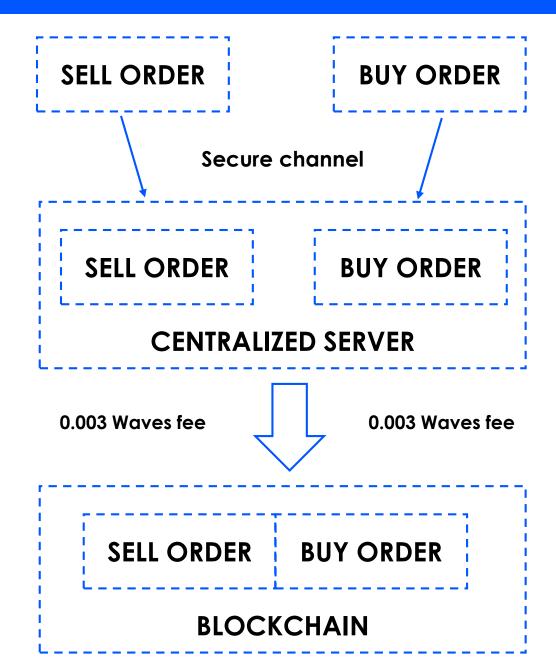






% Trade without limits





WAVES API

IT IS VERY EASY WAY TO COMMUNICATE WITH BLOCKCHAIN JUST 1 POST & J GET REQUESTS For example, let's get balance from address

```
← → С 

В Защищено | https://nodes.wavesnodes.com/addresses/balance/3PBnAFVV8AWyXMw4pSq4EQHibnVZMFHtcGw

В защительной в защитель
```

WAVES API

IT IS VERY EASY WAY TO COMMUNICATE WITH BLOCKCHAIN JUST 1 POST & J GET REQUESTS For example, let's get balance from address

```
■ Защищено https://nodes.wavesnodes.com/addresses/balance/3PBnAFVV8AWyXMw4pSq4EQHibnVZMFHtcGw

"address": "3PBnAFVV8AWyXMw4pSq4EQHibnVZMFHtcGw",
"confirmations" : 0,
"balance" : 363823193
```

Next try to write a small application



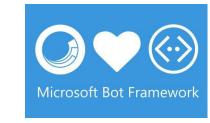
















https://t.me/hseblockchain

- 1. Bot
- 2. Группа, где будут храниться вновь созданные вами аккаунты Waves
- 3. Code GitHub