

24. JANUAR 2020

TRON FAMILY

WHITEPAPER

TRON-FAMILY

VERSION 1

WWW.TRON-FAMILY.DE

TRON-FAMILY

TRON-Family is a super representative candidate who has made it his mission to support and promote the TRON community and TRON itself in all areas.

<https://www.tron-family.de>

TRON is the most upcoming blockchain and currently ranks 12th in CoinMarketCap. The most important facts of this blockchain are speed and decentralization.

TRON-Family rewards its voters exclusively with TRX and does not have its own token from common, collected experience.

WHO IS TRON-FAMILY?

Founders: Marco Jäger (CEO / CTO) & Maik Schierholz (CEO / CMO)

One of the 2 founders of TRON-Family is Marco, who was previously CTO at Tron Europe for 10 months, where he developed all necessary applications and provided technical support. He has been the owner of an IT company in Germany for 17 years, which takes care of the installation and maintenance of server and network technology as well as providing several medium-sized companies with special industry software. In his spare time he is a musician and performs at regional events. Other programming activities were done in the field of home automation. The adapters / plugins for reading out photovoltaic systems and the plugin for the SNMP protocol are his creation. In addition, a Tron-Wallet adapter was written for integration into a home automation system.

WHAT DOES TRON-FAMILY DO?

We support the community with assistance in blockchain adaptation, education in the form of security and technology and valuable tips for development. Furthermore, we are on the road with constructive suggestions in corresponding TRON developer channels as well as SR channels and are constantly trying to improve things.

TRON-FAMILY COMMUNITY

We have 3 telegram channels in English, German and Russian and a Twitter account.

TELEGRAM:

- English: https://t.me/tron_family
- German: https://t.me/tron_family_de
- Russian: https://t.me/tron_family_ru

TWITTER

- Twitter: https://twitter.com/tron_family

GOALS OF TRON-FAMILY

The goals of TRON-Family are the constant building of the community, support and own initiatives for the mass adaptation as well as the constant extension of the existing software range.

TRON-FAMILY PARTNERSHIPS

Our partnerships include John's TRON Squad, who have made a name for themselves through their diligent and continuous work in promotion.

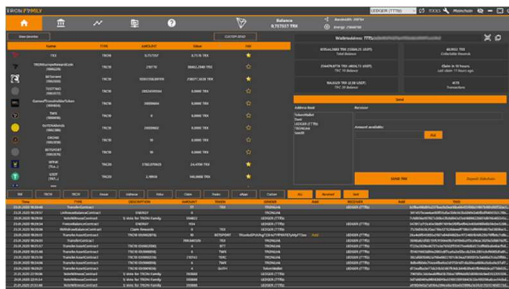
TRON-FAMILY DEVELOPMENT

- TRON-Family Desktop Wallet (supports Ledger Nano S/X)
- TRON-Family SWAP Service
- TRON-Family Distribution
- TRON RADAR
- TRON-Family Telegram
- TRON-Family API
- TronWallet für ioBroker (Homeautomation)
- Many small special productions according to customer wishes.

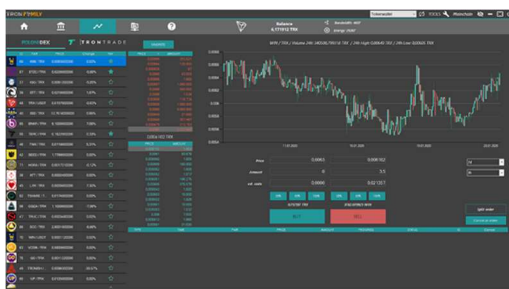


REFERENCES

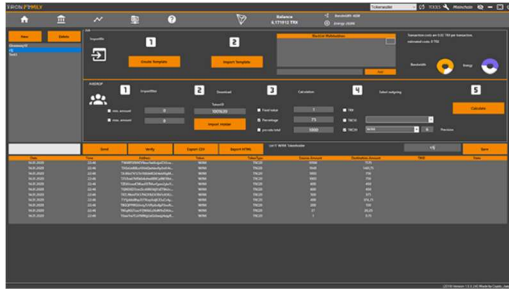
TRON FAMILY DESKTOP WALLET (BETA)



- Multiwallet
- Support Ledger Nano S/X tauglich
- Send TRX, TRC10 and TRC20
- Deposit / Withdraw Sidechain
- Multi-Send / Blend-Send Token
- Addressbook
- Transactionsanaylzing
- Freeze, Unfreeze, Vote function



- Claim and calculate rewards
- Export transactions
- 2 decentralized exchanges
- Orderbook
- User Orders
- Split Order Function
- Network overview
- Representative and Proposals



- Airdrop / Batchsend / Blend Token Send
- Import from Template or get Tokenholder
- Self learning / caching
- Many more functions...

TRON FAMILY SWAP SERVICE

This token swap (exchange) service is most often used by ICOs. Participants send their tokens to a specific address and receive a token returned instantaneously from the same or optionally another address. You can set ratios for the number of incoming and outgoing tokens and receive a daily notification of progress. All transactions are recorded and can be output as a report for further processing. This service works with all tokens available so far. TRX / TRC10 / TRC20. With this tool, 6 external projects have already been completely handled.

TRON FAMILY DISTRIBUTION

Each Super Representative and Candidate who does not use the TRON Network's automated reward mechanism will require assistance with the collection, calculation and scheduled distribution of rewards. We have built a completely autonomous Reward Distribution System. The fully flexible options leave nothing to be desired and are prepared for any kind of error to guarantee an absolute security of the distribution. In case of application, a list of voters and 2 different token holders are obtained 4 times a day. These are checked (double entries, blacklist etc) and then, depending on the amount of votes, calculated and sent by the SR. Finally, all transactions made are checked for confirmation and sent again if necessary. There is also a current notification for all events. Up to now, well over 10 million transactions have been carried out using this software.

IRON-Family Distribution

24.01.2020 10:23:38

Next Round: 14.02.00

Time left: 01:28:31

Ready...

Check Address

Timer Start

Timer Stop

Get Holder

Get Votes

Save Results

Load Distribution

Load - Calculate

Calculate

Transfer

Verify

Resend

Select Folder

Refresh Witnesses

RefreshTokenList

STO

Add

Delete

Status Window

Address: [text]

TokenID: [text]

Transaction Valid: ☒ TRUE ☒ OFF ☐ Fail

Address: [text]

Transaction: [text] Invalid: [text] Fee: [text] Fee Pay: [text]

☐ Add Issue ☐ Burn ☐ Claim At Vote 1.00% 0.5 0 ☐ Parent

☐ Reward reward = zero (not divide at reward)

☐ Active Mode Amount: 0 0 0 Proposal

☐ No Account TokenID: 0

☐ 1 Token = 0

☐ Should Not Be Automated

☐ Pinned

BLACKLIST

☐ Name TokenID Relation To Invest X X

☐ [text] [text] 0.5 X X

Job Name

ADDRESS

VOTE/HOLD

DATE

DAYS

HOURS

MINUTES

DISTRIBUTE

REMAIN

SEND

CONFIRMED

PID

TYPE

[text]

5.756

24.01.2020 08:02:00

0

0

0

1.000000

0.584839

Success

CONFIRMED

f0d2c0e3b4c242c5c1..

VOTE

[text]

150

24.01.2020 08:02:00

0

0

0

0.000000

0.059041

No Payment

VOTE

[text]

28.824

24.01.2020 08:02:00

0

0

0

7.000000

0.517951

Success

CONFIRMED

092728c17da0d16738c.

VOTE

[text]

5.756

24.01.2020 08:02:00

0

0

0

1.000000

0.933566

Success

CONFIRMED

32f7cd3910aed819ae5.

VOTE

[text]

48.051

24.01.2020 08:02:00

0

0

0

12.000000

0.548839

Success

CONFIRMED

5b964d125ab23baeb23.

VOTE

[text]

21.000

24.01.2020 08:02:00

0

0

0

5.000000

0.974338

Success

CONFIRMED

6ac22dbacbe7278ebcd.

VOTE

[text]

1.800

24.01.2020 08:02:00

0

0

0

0.000000

0.705369

No Payment

VOTE

[text]

18.025

24.01.2020 08:02:00

0

0

0

5.000000

0.527373

Success

CONFIRMED

b59ed411033dc3d1ee.

VOTE

[text]

2.000

24.01.2020 08:02:00

0

0

0

0.000000

0.963004

No Payment

VOTE

[text]

300

24.01.2020 08:02:00

0

0

0

0.000000

0.089695

Success

CONFIRMED

740a555ea0e5343bc0.

VOTE

[text]

740.050

24.01.2020 08:02:00

0

0

0

180.000000

0.036203

Success

CONFIRMED

91467403105374662.

VOTE

[text]

1.108

24.01.2020 08:02:00

0

0

0

1.000000

0.012272

Success

CONFIRMED

14932610216454970.

VOTE

[text]

10.000

24.01.2020 08:02:00

0

0

0

3.000000

0.333890

Success

CONFIRMED

e5cb3b3693f8ead1e6.

VOTE

[text]

1.000

24.01.2020 08:02:00

0

0

0

0.000000

0.276337

No Payment

VOTE

[text]

40.638

24.01.2020 08:02:00

0

0

0

10.000000

0.799166

Success

CONFIRMED

63ed61701315a32de.

VOTE

[text]

500

24.01.2020 08:02:00

0

0

0

1.000000

0.032231

Success

CONFIRMED

5462bf12bb416eaf700.

VOTE

TRON RADAR

For active TRON block chain users and companies it is an enrichment in information flow. TRON-RADAR searches each block of larger transactions, suddenly increased block size, change and re-creation of Super Representatives, change of reward payouts, software status and much more. Many Super Representatives owners and also users access this valuable information. TRON RADAR has a channel at Telegram and an account at Twitter, which instantaneously reports about new conditions and transactions.

Telegram: https://t.me/tron_radar

Twitter: <https://twitter.com/RadarTron>

TRON FAMILY TELEGRAM

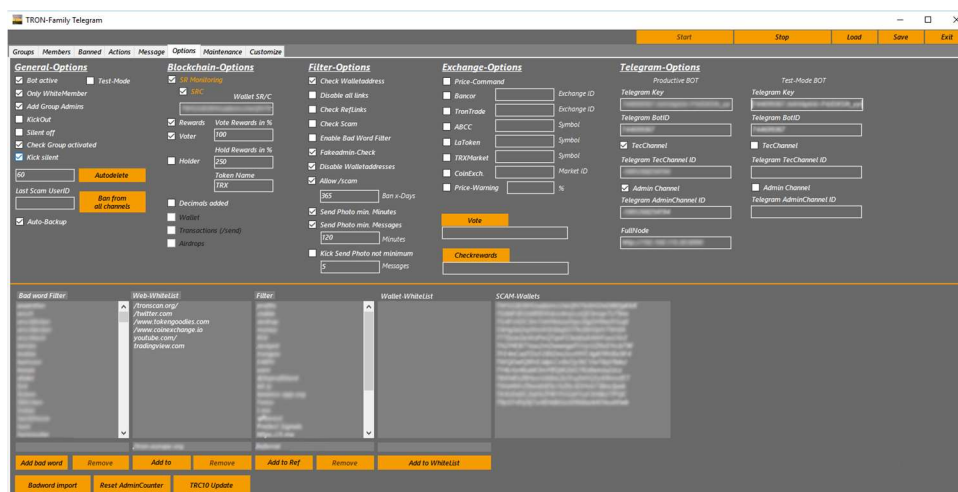
At the latest if one maintains several channels on Telegram one is confronted with the fact that fraudsters sneak into the channels with their bots and actively try to enrich themselves. We have successfully written a program that not only removes 99% of the scams but also provides an administrative advantage.

In this case, TRON-Family Telegram serves a company with over 50 different Telegram groups in many languages. Here the software analyses every post and user for endangering texts and contents. If the algorithm should strike, it will be immediately removed from all groups and the messages will be deleted.

Another problem are so called "fake admins", who get the appearance of real admins and people try to cheat and spread false information. TRON-Family Telegram examines every change with the help of different methods (e.g. levenshtein distance) to control and prevent the occurrence of a fake-admin.

Careless or even ignorant Blockchain users accidentally post their PrivateKey. To harm the user, the first action the software takes is to immediately delete the PrivateKey from the messages.

The same applies to wallet addresses of various block chains.

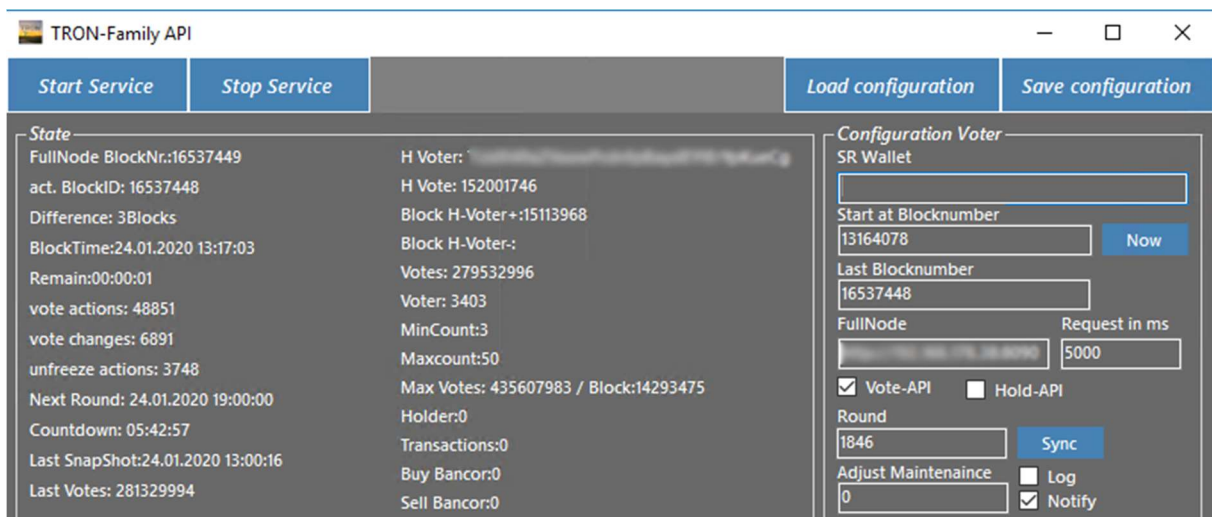


FUNCTIONS:

- automatic SPAM and SCAM detection
- fake admin detection
- Bad Word Filter
- PrivateKey recognition
- Wallet address recognition
- unlimited number of groups, members, admins
- Assign rights Admin / Global Admins / Good members per group / channel
- Blocking, muting, unblocking Members
- Whitelisting
- Create own commands with text and placeholders for integration of real time data into own commands
- Integrated wallet for users
- Transfer and much more
- Price inquiry of the most popular Exchanges
- Monitoring of the SR/C - immediate notification in case of block loss
- Rewardcalculation for users
- Information request for users
- Log file for each action
- Evaluation for each admin / activity recognition
- Maintenance of the channels / deleted profiles / inactive members
- and much more besides

TRON-FAMILY API

The small application allows everyone to collect their own data independently. Whether they are voter lists or token holder lists. This application is like all others currently in use to compensate for failures of external data sources.



The screenshot shows the TRON-Family API application window. It has a title bar with the application name and standard window controls. Below the title bar are four buttons: "Start Service", "Stop Service", "Load configuration", and "Save configuration". The main content area is divided into two panels. The left panel, titled "State", displays various system metrics and status information. The right panel, titled "Configuration Voter", contains settings for the SR Wallet, including start and last block numbers, full node address, request interval, and API options.

State	
FullNode BlockNr.:16537449	H Voter: [redacted]
act. BlockID: 16537448	H Vote: 152001746
Difference: 3Blocks	Block H-Voter+:15113968
BlockTime:24.01.2020 13:17:03	Block H-Voter-:
Remain:00:00:01	Votes: 279532996
vote actions: 48851	Voter: 3403
vote changes: 6891	MinCount:3
unfreeze actions: 3748	Maxcount:50
Next Round: 24.01.2020 19:00:00	Max Votes: 435607983 / Block:14293475
Countdown: 05:42:57	Holder:0
Last SnapShot:24.01.2020 13:00:16	Transactions:0
Last Votes: 281329994	Buy Bancor:0
	Sell Bancor:0

Configuration Voter	
SR Wallet	
Start at Blocknumber	[input field]
13164078	[Now button]
Last Blocknumber	[input field]
16537448	
FullNode	[input field]
Request in ms	[input field: 5000]
<input checked="" type="checkbox"/> Vote-API	<input type="checkbox"/> Hold-API
Round	[input field: 1846]
	[Sync button]
Adjust Maintenance	<input type="checkbox"/> Log
0	<input checked="" type="checkbox"/> Notify