Masari (MSR) is a scalability-focused and privacy-ensured cryptocurrency based on Monero.

One of the first major contributions is a necessary update implementing one of the best known difficulty algorithms in order to mitigate flash mining issues as a new altcoin. MSR will track most changes upstream from Monero, as well as contribute back whenever possible (such as the WHM difficulty algorithm). Future features will include uncle mining (using the DECOR+ protocol) and a pending whitepaper regarding a Blocktree protocol which is aimed at solving on-chain scalability.

Specifications
Most specifications are equivalent to Monero's:
* PoW algorithm: CryptoNight
* Max supply: ~18.5 million (with tail emission)
* Block reward: Smoothly varying recurrence relation starting at around 35 MSR per block, block_reward(block_height) = (2^64 - 1 - total_supply(block_height - 1)) * 2 ^ -19 * 10 ^ -12
* Block time: 120 seconds
* Difficulty: Re-targets at every block
* Genesis block: Saturday, 2 September 2017 21:20:46 UTC

Exchanges
https://tradeogre.com/exchange/BTC-MSR (listed on April 11 2018)
https://www.southxchange.com/Market/Book/MSR/BTC (listed on Sep 30 2017)
https://stocks.exchange/trade/MSR/BTC (listed Nov 6 2017, withdrawals now working again, verified Feb 1 2018 [exchange wallet wasn't working for months of Dec-Jan 2018])

Market Indicators
https://coinlib.io/coin/MSR/Masari (market price tracker)
https://www.cryptunit.com/ (profitability metrics)
https://www.cryptoisme.com/ (profitability metrics)

Funding
* All startup costs (infrastructure costs, exchange listing fees, etc.) has been paid out of personal funds, with no ICO and no crowd funding.
* There is a 4 day gap between the genesis block and this announcement on Bitcointalk, accounting for less than 1% of the total supply mined during that time period (excluding tail

emission). All amounts that were mined during this period by the developer (~0.5%) have have been transferred to the donation wallet as a community development fund (i.e. for developer bounties).
* Significant contributions typically get MSR rewarded (i.e. landing page, Telegram bridge, etc.).

Games
Masari Dice - https://www.southxchange.com/Market/Book/MSR/BTC

Research
https://lab.getmonero.org/pubs/MRL-0005.pdf - Ring Confidential Transactions (transactions use RCT by default in Masari)
https://cryptonote.org/whitepaper.pdf - CryptoNote v2.
One of the longer term goals for Masari will require a whitepaper that is yet to be drafted.

Discussion Forums
Slack: invitation disabled, please use Discord
Open invitation link for Discord: https://discord.gg/sMCwMqs
Telegram: https://t.me/masaricurrency
Telegram Announcements channel (deprecated): https://t.me/msrann

Pools
The following pools are promoted ones that donate:
http://www.masaripool.com
https://masari.superpools.net
http://id.masari.network/
https://get.masaricoin.com/
Other pools can be found in these community maintained lists:
https://cryptoisme.com/coin/masari
http://masaripools.org/

Community Projects
Web-based pool miner: http://msr.cpufan.club
Web-based wallet (still in early development): https://masari.network/

Update 2017-09-13:
This coin has some versioning changes that will lead original cryptonote pools to not work unless you use the patched cryptonote-util package.
To set up a pool using node-cryptonote-pool, change your cryptonote-util path in package.json to use the Masari patched version:

Code:

```
"cryptonote-util": "git://github.com/masari-project/node-cryptonote-util#msr"
```

You'll need to set it up such that it pays the miners in the pool either automatically, or manually, both requiring masari-wallet-rpc configured, and ensure your config has a mixin of 12.

Block Explorer
https://www.msrchain.net/

Release Notes

* The fork is based off Monero's latest v0.11.0.0 versioned code, which is set to be the hard fork version for September 2017.
This release cleans up and refactors all legacy Cryptonote implementations that are superseded by Monero's RingCT (for example: splitting amounts and dust outputs related code is removed), therefore Masari only uses RCT transactions.
* All core tests have been re-written to support RingCT code coverage.
* RCT outputs are randomized (sorted by amount in original Monero implementation), as well as tx fee sources.
* The default mixin is set to 12, and in contrast to Monero is static and cannot be changed. This is something that the end user does not need to worry about, is relatively inexpensive in storage and computational costs, and a homogeneous mixin increases anonymity of transactions.
* Fluffy blocks are on by default. This has been in Monero's testnet for quite some time, is mature, and is now optional in the latest release.
* New WHM difficulty algorithm implemented to solve flash mining issues stemming from high hashrate volatility.

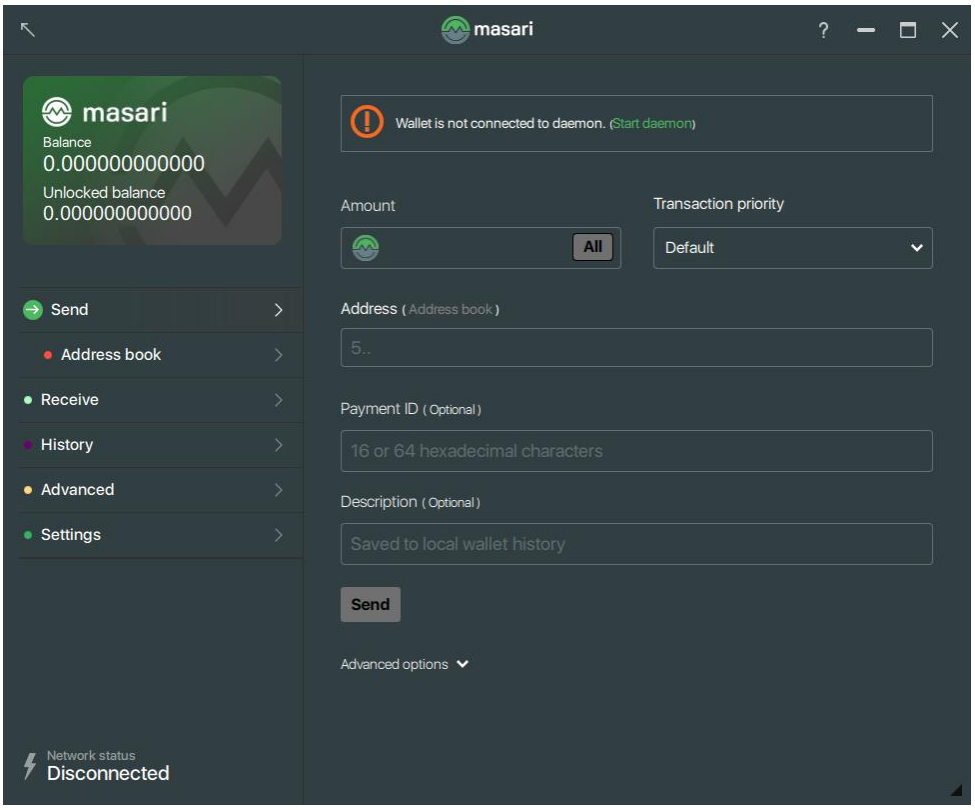
Sources
Source - https://github.com/masari-project/masari

Binaries
https://github.com/masari-project/masari/releases/tag/v0.2.3.0

GUI Wallet
This is a port made available for use while we develop our web wallet.

https://github.com/masari-project/masari-wallet-gui/releases/tag/v0.2.3.0

Screenshot:



Funding
If you'd like to show your support, please donate:

Masari:
5nYWvcvNThsLaMmrsfpRLBRou1RuGtLabUwYH7v6b88bem2J4aUwsoF33FbJuqMDgQjpDRTSp
LCZu3d XpqXicE2uSWS4LUP (viewkey:
99e21e00cce073c126e9aed800c9e2e82518534b3924b035a29436ff4f75bc0c)
Monero:
4A57eA3so6bEE8FUcaN1KtMXD3sxjjbvcKD3MF1pUgRi5PNHTpB7sYN2DmJv3EXxtZCWeG88ts
VLzdf ZJcmUFm52SbrfJWr (viewkey:
c7a7c141581ac4436ba8bfb81dd67234720c565c696ef154a25c7e7314ce4b08)
Bitcoin: 1J1he4qtTuNpCxyEBozkeKfDpoeYxfE3rj

This announcement page is still under development.

Please feel free to download and start mining some Masari!

Best regards,
Thaer

getmasari.org