



ETHCORE

Building the decentralized future

Parity Internals

- Written in Rust
 - Memory safety and concurrency safety guarantees without GC
- Modular and configurable
 - Tweak it to your needs
 - Or use one of the preset configuration files (coming soon)



ETHCORE

Performance

- High transaction throughput

2965 tx/s

- Low latency
- Low footprint
 - Suitable for IoT devices



ETHCORE

Security

- Unsafe APIs are disabled by default
- Secure transaction signer
 - Signs transactions in isolated environment
- Process isolation (on the roadmap)



ETHCORE



Parity Signer UI

Pending Transactions



[148E02...64261d7]
107.298 ETH

43,857,632.89456 ETH



43,857,632.90713 ETH



[B4C232...3456638]
135.326 ETH

0.20000 ETH/mGAS no data

password

CONFIRM TRANSACTION

[reject](#)

Please provide a password for this account



0.00000 ETH



password

There's more

- State trie pruning
- Transaction tracing
- Snapshotting
- Warp sync
- Private chains including PoA



ETHCORE

Roadmap

BFT PoA chains

Stratum protocol

Light client

Metropolis



ETHCORE

Available now

Get it here

<https://ethcore.io/parity>

Checkout the wiki

<https://github.com/ethcore/parity/wiki>

Join the discussion

<https://gitter.im/ethcore/parity>