

COZ Weekly Report #5 - 2017.08.07

COZ is a group of open source developers that formed to support NEO. We provide weekly reports that summarize our goals, projects, and progress. In exchange, the NEO council is supporting these contributions through NEO rewards.

Our governance can be seen at: [Governance](#)

The community has decided to reward 951 NEO for the efforts listed below

Releases:

Neon Wallet Release 0.0.3 ([github](#))

Neoscan.io (API service online, design is work in progress: beta in two weeks)

**release announcements will be done as separate activities by project owners.*

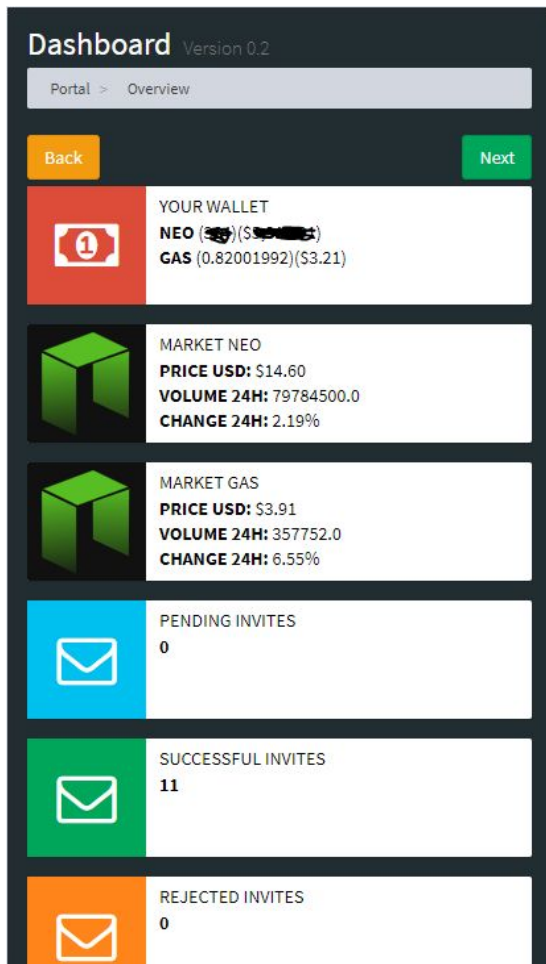
Projects in early development (opportunities for collaboration):

- Neo Python (Python p2p node/SDK) ([github](#))
 - Reworked networking for nodes to use Twisted framework for p2p connections
 - Serialization / Deserialization of all transaction types and sub data structures as well as Smart Contract objects
 - Persist block headers and full block objects in LevelDB key-value store
 - Added Travis CI as well as Coverage. 51% testing coverage
- Virtual Machine and Smart Contract Development
 - ERC20/223 Token 'Deploy', 'BalanceOf', 'TotalSupply', and 'Transfer' Events Verified ([github](#))
 - Development GUI now supports Runtime Logging and Return of SC Invokes ([github](#))
 - Neo.Ecosystem & Neo.Sandbox development environments released ([github](#) && [github](#))

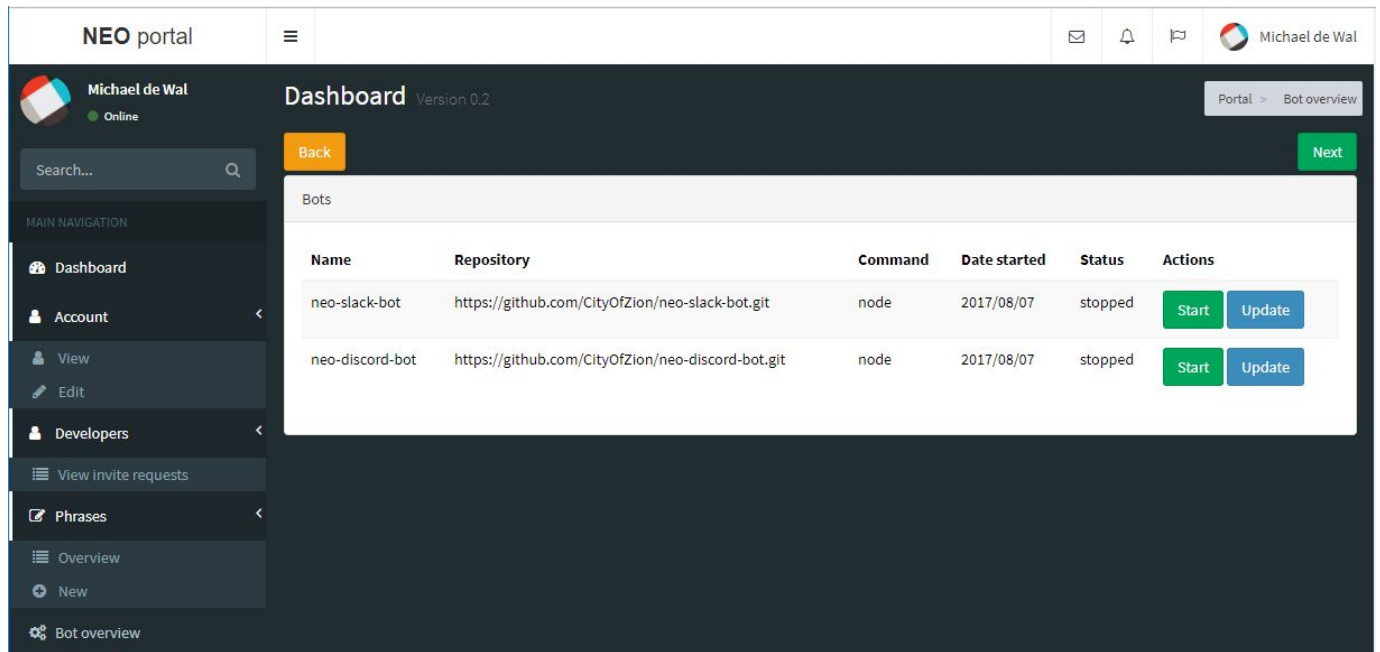
Ecosystem:

- Discord Bot ([github](#))
 - Refactored bot
 - Added ignore functionality
 - Released and deployed version 0.2
 - Refactored to use command-line args

- Slack Bot ([github](#))
 - Refactored to use command-line args
 - Added new commands
- Neo Portal ([github](#))
 - Release 0.2
 - Added more dashboard functionality



- Added bot management pages
- Refactored invites system



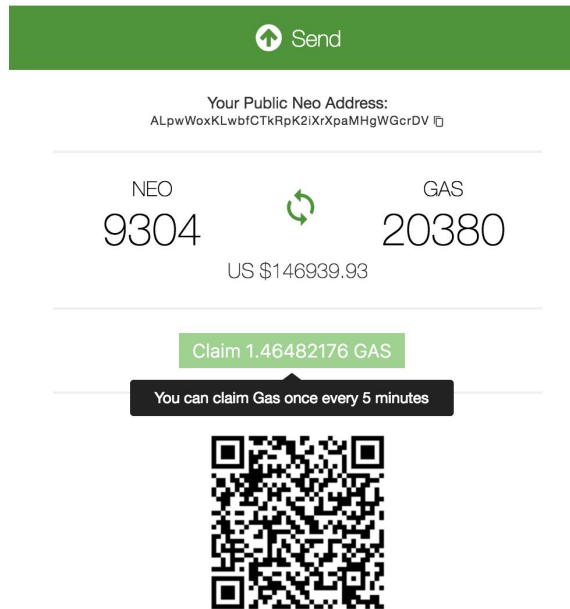
Documentation:

- Dutch White Paper 2.0 Translation
- Porting of rebrand of documentation (mainly en-us) with community help
- Japanese translations of NeoContract white paper and additional documentation
- Korean translation of NeoContract white paper
- CoZ website improved and updated

Core Development:

- Neon Wallet
 - Build and launch alpha releases 0.0.1 - 0.0.3
 - One button Gas claim + ability to see unspent Gas
 - Setup reverse proxy in China for connectivity
 - Bittrex API fix and new builds deployed to community
 - Many smaller improvements: new copy buttons, proactive form validation, code renaming (ANS => Neo etc.)

NEON



One button gas claim functionality

- Neon Wallet REST API:
 - API support for multi-party claims:
 - claims made by account (A) can be sent to another account, they don't necessarily go back to A!
 - Gas balance fix: rebuild the DB to add vin_verbose to all transaction types, not just contract transactions, and subtract these from user's Gas balance
- Neon SDK
 - Debug and resolve floating point rounding issue on very large gas send transactions
 - Improve security of random number generation
 - Restructure function and variable names for usability and ANS => Neo
- NeoScan
 - Block Explorer is on.
 - Main Infrastructure done.
 - Balance history API.
 - API and DB optimization are still underway, but functional.
 - Start of design process.
 - Next: claim calculus, design integration.
- Neo Unit Tests - Ongoing testing of the core Neo project.

Contact CoZ at:

[Slack](#) [Reddit](#)