

## COZ Weekly Report #12 - 2017.09.25

**City Of Zion (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 [clicking here](#).

Our donation address is AXSoNQEKjmqPBNPg5cNrHyWivfjok3Vj9D

**The community has decided to reward 484 NEO for the community efforts**  
**CoZ Council members are excluded from any weekly reward or CoZ competitions**

### ANNOUNCEMENT:

September is closing to be another month of growth for NEO. At the council in China, two new full-time contributors, Malcolm and Celia, have joined.

We are also pleased to publicly announce that at CoZ, since this monday, the 25th of September, Michael de Wal aka totalvamp, will be dedicated full-time to improving the NEO ecosystem. Both at CoZ, and at his soon to be established company in Japan to support the launch of utility tokens and distributed applications on NEO network, you can contact him at [michael@cityofzion.io](mailto:michael@cityofzion.io). Michael is a seasoned developer with over 10 years of experience, he is currently at the front of the community in CoZ council and is the principal author of many high profile projects such as CoZ iOS and Android wallets.

COZ is driving two campaigns:

1 - The dApps competition at <https://cityofzion.io/dapps/1>



**DAPPS  
COMPETITION**

**13500 Total Gas Prize**

 Registration begins 11th September

 CITY OF ZION

## 2 - The stack exchange site at

<http://area51.stackexchange.com/proposals/110921/neo-blockchain>

The following is a list of work on COZ projects completed this week:

### [neo-js-blockchain](#)

- getAssetBalance functional in full node mode for all asset types on both testnet and mainnet
- Better docs
- **On Deck:** Dynamic seed registration, Lazy balance and contract caching

### [Neo Python](#)

- Continuing python smart contract compiler work
- Added implementation of lists, loops ( while, for x in y ), method calls, file imports
- Deployed first python compiled Smart Contract on testnet ( [Fibonacci](#) )
- Beginning to add Smart Contract specific api calls ( for example Storage.Get, etc)
- View a short video about using the python compiler here: [https://youtu.be/oy6Z\\_zd42-4](https://youtu.be/oy6Z_zd42-4)

### [ICO Slack Management Platform](#)

- Extra functionalities
- Research into new ways to ban users

### [Neon JS SDK:](#)

- Several community contributions.

### [NeoScan](#)

- New API call to calculate total fees in a block height range:

```
get_fees_in_range(height_string)
```

Returns the the total of spent fees in the network between a height range

#### Examples

```
/api/main_net/v1/get_fees_in_range/500-1000  
{  
  "total_sys_fee": 0,  
  "total_net_fee": 0  
}
```

## Integration Testing

- Work has begun to create a framework for automated integration testing of the Neo core nodes.



Join us in [slack.cityofzion.io](https://slack.cityofzion.io), we hope new developers will find support from the community in #develop channel.

FCC, on behalf of COZ Council.