

Shared Spending Address Finder

This program finds BTC addresses with shared spending and outputs balances of all shared addresses

Uses API from Blockchain.info

Python 2 Version: Arghya Mukherjee

Python 3 Version: Codi West

Running the program with Python 2

Use the `BlockchainP1_py2_v5.py` file

Run with:

```
python BlockchainP1v4.py
```

Settings:

- Set BTC address list to check at the top of the file

Running the program with Python 3

Use the `BlockchainP1_py3.py` file

Run with:

```
python BlockchainP1_py3.py
```

Settings:

- Set global settings near the top of the file
- Set BTC address list to check at the bottom of the file

Results

As shown in **results** folder

Large TX Address

Python 3 Version:

```
Results for address:          15hzo4YzGnj9Pqu8eNmhw4tBpDGjNgwj9
Total linked addresses:      41475
Depth:                       2
Querying balances..
Too many addresses to display..
Balance for all linked address: 563.23664321 BTC (56323664321 Satoshis)
```

Small TX Address

Python 2 Version:

```
#####
bitcoin address: 36bt43aDDvsMJRd48YiRh6LLrNm3qnGZW5
#####
# of addresses linked with 36bt43aDDvsMJRd48YiRh6LLrNm3qnGZW5 is 2
balance of 36bt43aDDvsMJRd48YiRh6LLrNm3qnGZW5 is: 0.0
balance of 3Lr3uJY4cHM8zg8WhoLp9pfrsBXAQEj5ao is: 0.0
#####
Total Balance is: 0.0
#####
```

Python 3 Version:

```
Results for address:          36bt43aDDvsMJRd48YiRh6LLrNm3qnGZW5
Total linked addresses:      2
Depth:                       2
Summing balances from local cache..
3Lr3uJY4cHM8zg8WhoLp9pfrsBXAQEj5ao 0
36bt43aDDvsMJRd48YiRh6LLrNm3qnGZW5 0
Balance for all linked address: 0.0 BTC (0 Satoshis)
```

Dormant 1 Address

Python 2 Version:

```
#####  
bitcoin address: 19ere2oJzJh81A5Q64SExDZYz54RvWHqZz  
#####  
# of addresses linked with 19ere2oJzJh81A5Q64SExDZYz54RvWHqZz is 16  
balance of 13uraL1Maba7obbhkdb4pjsqMyvqrcTeeD is: 0.0016001  
balance of 1GcDdCJBGBGKxqvMzYfYq5ZQs3smUSAfXa is: 0.0  
balance of 1BcR5cmcxfsow8JiBuDjtHRYTNs7g9tSeR is: 0.0  
balance of 1JPH9G46QqGSWobb4ZWJZZoydfds6Pgrwt is: 0.00052  
balance of 14jGmpwuKRfChGFqfSma941R2Ajwfc4r23 is: 0.0  
balance of 15g4a2znVdChEhDBYBduZRmTjf1urH2zgU is: 0.0  
balance of 15wLC2HB6sWAuge98xYpR8AoZdtk5Dg4cL is: 0.0  
balance of 1A6tSuk1NfEPBLEUBFNXAPwnBR5KiB9zvT is: 0.0  
balance of 17S4oE21kRw51ZpyWQL6CsBaytNphy1Jsz is: 0.0  
balance of 19ere2oJzJh81A5Q64SExDZYz54RvWHqZz is: 0.00993905  
balance of 1Kus69tpnTzCwKy7zVLU7f2sDvGDUkiPz5 is: 0.0  
balance of 19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D is: 0.00151  
balance of 12wNM39xpr rzkUoJ9cQbJMuerKt5iWCZuD is: 0.00051  
balance of 1FwEVEYnESzvU5Laj891EvHmDkvdkwY6Vs is: 0.0  
balance of 1rqA6iteBVryQV3yjF7DHR3Mew8PhxNV8 is: 0.00052  
balance of 14c8poWuaYvkysSdTCX7P6E5cCXJR sYigK is: 0.0  
#####  
Total Balance is: 0.01459915  
#####
```

Python 3 Version:

```
Results for address: 19ere2oJzJh81A5Q64SExDZYz54RvWHqZz
Total linked addresses: 16
Depth: 5
Summing balances from local cache..
14c8poWuaYvkysSdTCX7P6E5cCXJRsyigK 0
12wNM39xprzkuoJ9cQbJMuerKt5iWCzuD 51000
1GcDdCJBGBGKxqvMzYfYq5ZQs3smUSAFxa 0
14jGmpwuKRfChGFqfSma941R2AjwtC4r23 0
1rqA6iteBVryQV3yjF7DHR3Mew8PhxNV8 52000
1A6tSUK1NfEPBLEUBFNXAPwnBR5KiB9zvT 0
1BcR5cmcxfsow8JiBuDjtHRYTNs7g9tSeR 0
19ere2oJzJh81A5Q64SExDZYz54RvWHqZz 993905
15wLC2HB6sWAuge98xYpR8AoZdtk5Dg4cL 0
17S4oE21kRw51ZpyWQL6CsBaytNphy1Jsz 0
15g4a2znVdCHehDBYBduZRmTjflurH2zgU 0
1FwEVEYnESzvU5Laj891EvHmDkvdkwY6Vs 0
1JPH9G46QqGSWobb4ZWJZZoydfds6Pgrwt 52000
1Kus69tpnTzCwKy7zVLU7f2sDvGDUkiPz5 0
13uraL1Maba7obbhkdb4pjsqMyvqrcTeeD 160010
19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D 151000
Balance for all linked address: 0.01459915 BTC (1459915 Satoshis)
```

Dormant 2 Address

Python 2 Version:

```
#####  
bitcoin address: 19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D  
#####  
# of addresses linked with 19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D is 16  
balance of 13uraL1Maba7obbhkdb4pjsqMyvqrcTeeD is: 0.0016001  
balance of 1GcDdCJBGBGKxqvMzYfYq5ZQs3smUSAfXa is: 0.0  
balance of 1BcR5cmcxfsow8JiBuDjtHRYTNs7g9tSeR is: 0.0  
balance of 1JPH9G46QqGSWobb4ZWJZZoydfds6Pgrwt is: 0.00052  
balance of 14jGmpwuKRfChGFqfSma941R2AjwtC4r23 is: 0.0  
balance of 15g4a2znVdCHehDBYBduZRmTjf1urH2zgU is: 0.0  
balance of 15wLC2HB6sWAuge98xYpR8AoZdtk5Dg4cL is: 0.0  
balance of 1A6tSuk1NfEPBLEUBFNXAPwnBR5KiB9zvT is: 0.0  
balance of 17S4oE21kRw51ZpyWQL6CsBaytNphy1Jsz is: 0.0  
balance of 19ere2oJzJh81A5Q64SExDZYz54RvWHqZz is: 0.00993905  
balance of 1Kus69tpnTzCwKy7zVLU7f2sDvGDUkiPz5 is: 0.0  
balance of 19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D is: 0.00151  
balance of 12wNM39xprzrkUoJ9cQbJMuerKt5iWCZuD is: 0.00051  
balance of 1FwEVEYnESzvU5Laj891EvHmDkvdkwY6Vs is: 0.0  
balance of 1rqA6iteBVryQV3yjF7DHR3Mew8PhxNV8 is: 0.00052  
balance of 14c8poWuaYvkysSdTCX7P6E5cCXJRsyigK is: 0.0  
#####  
Total Balance is: 0.01459915  
#####
```

Python 3 Version:

```
Results for address: 19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D
Total linked addresses: 16
Depth: 4
Summing balances from local cache..
14c8poWuaYvkysSdTCX7P6E5cCXJRsyigK 0
12wNM39xprzkuoJ9cQbJMuerKt5iWCZuD 51000
1GcDdCJBGBGKxqvMzYfYq5ZQs3smUSAFxa 0
14jGmpwuKRfChGFqfSma941R2AjwfC4r23 0
1rqA6iteBVryQV3yjF7DHR3Mew8PhxNV8 52000
1A6tSUK1NfEPBLEUBFNXAPwnBR5KiB9zvT 0
1BcR5cmcxfsow8JiBuDjtHRYTNs7g9tSeR 0
19ere2oJzJh81A5Q64SExDZYz54RvWHqZz 993905
15wLC2HB6sWAuge98xYpR8AoZdtk5Dg4cL 0
17S4oE21kRw51ZpyWQL6CsBaytNphy1Jsz 0
15g4a2znVdCHehDBYBduZRmTjflurH2zgU 0
1FwEVEYnESzvU5Laj891EvHmDkvdkwY6Vs 0
1JPH9G46QqGSWobb4ZWJZZoydfds6Pgrwt 52000
1Kus69tpnTzCwKy7zVLU7f2sDvGDUkiPz5 0
13uraL1Maba7obbhkdb4pjsqMyvqrcTeeD 160010
19QDGMRKdZ9BpDZP2Re6yaDqNQ7zN4wo1D 151000
Balance for all linked address: 0.01459915 BTC (1459915 Satoshis)
```