Transaction tracing

Graph expansion

Edges(*v*)

Push

Expand

Pop

Rank

Output?

No

Yes

- ● Seed
- ● Current node *v*
- ● Expanded node

Risky source

Local community detection

Extract

Expert auditing

Graph construction

Blockchain data

2ETH, t1
0.1ETH, t2
1.6ETH, t3
1000DAI, t5
1000DAI, t4
0.3ETH, t4
0.8ETH, t6
0.7ETH, t7
1000DAI, t8
1000DAI, t9
0.3ETH, t9
0.1ETH, t0
0.79ETH, t10
0.69ETH, t11
0.29ETH, t12

Special attributes:
- ✓ Timestamp
- ✓ Transfer value
- ✓ Edge patterns
  - → Xfer
  - ⇢ Swap