Bitcoin Voice Blockchain Monitoring Daemon

Python Blockchain Parsing Libraries

* <https://github.com/alecalve/python-bitcoin-blockchain-parser>
* <https://github.com/toidi/pyblockchain>
* (Fork) <https://github.com/chakhdin/python-bitcoin-blockchain-parser/blob/dafb1cf7cd0b92afad25641e02dd1af6ea4c6227/blockchain_parser/block.py>

Database

* Probably SQL Lite [Input from Dad needed here] :)

On new Transaction

* Does it have outputs of transactions in database as inputs?
  + Remove all TXs from database
* FInd pairs of opReturn & valueBudy outputs
  + Append it to the database of transactions recording the following information about it
    - TXID of value TX (used for editing its value in the case that the daemon finds a TX in the future that spends the output of it)
    - Date that it occurred (To allow for searching and filtering of the database based on date ranges)
    - Value (So that a total UTXO of a particular Public Label can be determined by summing up the total value of all matching TXs in the database)
    - Public label