1. Needs
   1. 1-3 C++ Programmers
      1. With high proficiency in Bitcoin / Altcoin blockchain data structure
      2. Are willing to implement my design
      3. Will work with me to explain/refine as project encounters engineering technicalities
      4. At least one has user-interface experience (build normal looking wallet [or take from Bitcoin/Armory/ChromaWallet], trading interface, graphs, blockexplorer [observe the Bitshares toolkit])
      5. At least one has python experience (multiple implementations [avoid monoculture], Armory wallet).
   2. Someone to provide funding, manage investor relationships, day to day business operations.
      1. May have assistant
   3. Part-Time / Consulting / Fee-for-Service Basis
      1. Web designer who can create something on par with
         1. <https://bitcoin.org/>
         2. <http://bitshares.org/>
         3. <https://www.ethereum.org/>
      2. 2 Security Auditors
         1. Pay for general consult, then re-hire on a pay-per-exploit
         2. Cross-validate auditors against each other
      3. Generally-intelligent people (something like: Gavin, Robin Hanson, etc.)
2. Do NOT need
   1. Anyone to do research in general (of R & D, this org is all D).
   2. Anyone to challenge/critique the core design (already have the forum / wider-internet for that).
   3. Anyone to research Prediction Markets, market scoring rules, Bayesian Nets (I’ve done it).
   4. Marketing / Networking (can worry about this later, sometimes takes care of itself anyway).
3. Tasks
   1. Select Bitcoin version to fork (the latest, of course, “Bitcoin Core”)
   2. New Data Types in the Blockchain
      1. Two Coins at once
      2. Decisions, adding, reading, and erasing
      3. Markets
         1. Their prices
            1. Show price
            2. Query possibilities (spend this, set price to this, buy iff this, etc)
         2. their updates (trades)
            1. chaining together trades
            2. one timestamp “falling on a chain” per block
         3. their statuses
            1. trading
            2. axis outcomes
            3. disputed
         4. donations to amp b
         5. multiple proportional owners
      4. Votes
         1. Sealed/Hash
         2. Unsealed
         3. Consensus Function
         4. Audit
         5. With VTC or CashCoin
   3. New Functions
      1. Transfer
         1. Coin 1
         2. Coin 2
         3. Shares
      2. Create Branch
      3. Create Decisions
      4. Create Markets
      5. Buy / Sell / Redeem
      6. Vote
         1. VTC
         2. CashCoin (audit)
      7. Unseal
      8. Consensus Function
      9. Create Block
      10. Validate Block
   4. Front End Requirements
      1. Must be easy to visualize market data
         1. Market Types
            1. Binary
            2. Multidimensional
         2. Markets-Across-Time (“Arbitrage Tool”)
      2. Must be easy to Vote
         1. Ballot (maybe with user-friendly pop-up explanations)
         2. Reminders of various deadlines (email?)
         3. Displays “carrot” (expected income) and “stick” (potential losses)
         4. Authorization of release of secret (privatekey or vote contents) at appropriate deadline