Blockchain Supercomputer Building the worlds biggest supercomputer

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Buillding the worlds biggest supercomputer

- Bitcoin mining is a massive computer system

- How do we put the mining system to solve computer programs?

- Several blockchain computer projects.

  – People involved have no experience in supercomputing and are doing it wrong

Basic problems with blockchain supercomputing

- People involved have not used supercomputers

- The system has to be hardware independent

  - Provide economic incentives to create special purpose hardware for mathematical problems

- System must allow users to use existing code with minimum of changes

The basic idea

- Use blockchain to track proposed problems and money to be given to the first person to solve a mathematical problem

- Solvers will use the fastest method possible to get the bounty

- This mechanism can be used as a mechanism to distribute compute within a small cluster

Bootstrapping the system

- System can scale up or scale down and work as a dispatching system for a small cluster

- Interface the system with standard scientific libraries

- Have connections with HPC people at major banks and national laboratories to pull in users and hardware