Test-Models

Introduction
This paper sets out a test framework to continuously assess the intellectual thinking, reasoning and implementation choices for Dsensor. This will provide model hypothesis to apply and code acceptance and unit tests.

Intellectual Tests
Society opportunity to move to a post monetary culture.
Evolve from transactions being point of economic accounting.
Evolution of scientific method and collaboration mechanism for the 21 century.
Currency backed by computational information.

Adoption Tests
Why should people build the infrastructure?
Visionary crusaders only or incentive for those grounded in reality of fiat(arn't we all right now)?

What problem is being addressed?
Personal understanding in sea of complexity that is growing exponentially.
Exponentially complexity in terms of individual and networked information representing knowledge.

How seeding the network incentives the next peers to join?

How does the transition play out, fiat money, cryptocurrency to attaction (post money)?

Can peers buy into the network with Fiat Currency?

Good reasons for allowing: most wealth is held in this form and allows each peer to participate even if non technically able initially and also addressed the issue of backing future research with funding i.e. if researchers are free to live/pay bills etc there research focus will be better linked to needs rather than centralized or commercial pressures.

Rebuttal: Money, fiat, crypto is so fundamentally corrupted that those with demand and supply power/wealth will just simply replicate the distorted economics/culture into CIQ price signal. Does future funding fait cash actually map to the research urgency or importance to an individual peer or the entire network i.e. the individual may think they need this problem solved but their data and computation suggest otherwise? Makes the proposition more complex to explain and sort of compromises/taints the clarity of the Dsensor message. The complex development time/attention required to built a mechanism into the protocol and its ability to change with time.

Best of both worlds: The assumption that CIQ value is context aware gives the possibility that the first two context could be CIQ derived from Fiat and CIQ derived to activity and all forms of participation (sensors, infrastructure CPU, code, data, research hypothesis) in the network. The whole idea of having multiple context pricing is a big, dramatic change for society to grasp. But could this be the easiest firs step to this notion becoming culturally pervasive?

Scaling DATA Assumption Tests

How does proof of data be sustained?

Use of mathematical (encryption – emerging field of zero knowledge proofs) and properties of existing computer science knowledge, e.g. neural networks, VM, other to be investigate?

Scaling Network (PtoP) Assumption Tests

How does the network remain secure and trustworthy?

How is complexity kept in check?

BDD:

Acceptance Testing

API for various end points?

Unit Testing
How the network code collaborates?