

Mapping

Introduction

The connecting glue between data, peers on the network and information across the universe is called mapping. In a science blockchain miners are called Mappers. The purpose of the network is to “map out” the environment, life and the Universe at large. Each peer in the network has the right to participate in mapping activities, whether that be sensor data recording, computation or 3D printing. Mapping activities will be 'rewarded' by a value or voting outcome granted by each individual peer on the network. The proof of data mechanism on the blockchain preventing the gaming of mapping.

Function of Mapp

The act of mapping covers the following:

Value of Science

Introduction

Two forms on science value needs to be mapped out. Existing knowledge in the form of information and scientific hypothesis set out in information. A mechanism to map both types will be required.

Research Signal

Introduction

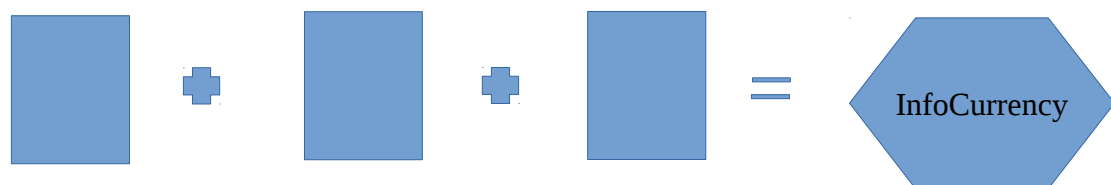
This will replace price (as in monetary) signal as the governing number for the network to guide its collaboration activities. For example, this will give sensor makers the insight on where to innovate for greater granularity of measurement or highlight areas not being measured, or on the computation side, focus energies on the urgency of problems needing solved or an indication to the entire network of the complexity of a problem etc.

ModusCoin – Infocurrency

Introduction

This will be a Infocurrency. Cryptocurrencies reward that act of mining, an Infocurrency will reward the act of mapping. An Infocurrency differs from all monetary (fiat or crypto) currencies in that 'pricing' is context specific and the underpinning information in that context is actionable i.e. can be used directly in any computation.

Three value vertices's



Capture

Fixed objective measure mechanism. Like printing your own money.

Compute

The use of the captured data in a computation e.g. how many times

Consensuses 'votes'

A subjective value expression by any peer in the network. Gives the property of different 'prices' for different networks of consensus.

Sample calculation:

1.

Prevent fraud or gaming of the system**Made up data**

Proof of data mechanism via Dsensor library

Computation for sake of computation**Outcome of data**

Proof of printing mechanism via Dprinter library

Collusion of consensus

False network created to create false peer votes

No transfer of ModusCoin

An infocurrency is none transferable between identities. It is a one way flow or osmosis of value to an individual, sharing data or computation models is the mechanism exchange 'value'.

Compared to Fiat or Crypto Currency

One universal price signal is generated by the market mechanism, this false to hold true for a infocurrency. Speculation is not possible due to the non transferability of an infocurrency. Store of wealth, intrinsic value or transaction value are non rational mechanism for an infocurrency.

There is no need to have money supply and demand. Money supply in fiat or crypto currency is abstracted to notional terms, an infocurrency captures the information behind reality. If there is more than one reality there will be more than one infocurrency.

