Unframework: Network Agnostic States for dApps [name tbd]

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Unframework establishes the idea of a "common-language" protocol, in that information being processed in the form of a finite state machine is independent of the system it is being applied to. In doing so, we create an agnostic language, in which data may be processed in an arbitrary number of ways. This ambiguous language creates a multi-dimensional level of possibilities for the states to be processed, allowing for more robust decentralized app potential.

Motivation

Unlike traditional file systems, blockchain-states can only be processed in a finite amount of ways. In contrast, suppose we have a file 'monthlysales.csv' representing the items sold within a monthly period for a company.

Depending on where the file is being sent, there is an arbitrary number of ways to process the .csv file. For example, an analytical program may process the .csv file as a means of determining

what items needs a price increase/clearance. Another possible interpretation is a financer, who needs to import the CSV file to determine the gross income for a given month, as a means to compute and calculate taxes. It is self-evident that a .csv file may be interpreted in an infinite amount of arbitrary ways - that is to say, a given file set is atomic.

We create a dichotomy to block-chain based services, a single transaction has a very finite amount of interpretations. Let us dissect an Ethereum transaction -

```
{
    messageHash: '0x6893a6ee8df79b0f5d64a180cd1ef35d
      030f3e296a5361cf04d02ce720d32ec5',
    r: '0x09ebb6ca057a0535d6186462bc0b465b
       561c94a295bdb0621fc19208ab149a9c',
    s: '0x440ffd775ce91a833ab410777204d534
       1a6f9fa91216a6f3ee2c051fea6a0428',
    v: '0x25',
    rawTransaction: '0xf86a8086d55698372431831e848094f0109fc8d....'
}
```

We can see the raw transaction is very non-intuitive and non-ambiguous. This transaction is only relevant within the Ethereum network, unlike other primitive data in our world, this only has a singular use case. While useful for transactional spending, this prohibiting within the context of a dApp. This brings us to the motivation of Unframework - a blockchain agnostic dApp that is to operate on various chains.

1 Unframework Architecture