Inter-Planetary ID

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Abstract

A universally agreed upon format for defining what data constitutes an ID would allow for interoperability between services. If this format is based on IPLD and represented as hash-linked data, we can leverage IPFS to store and share this information in a distributed way and let users maintain control of their data. By building off of amazing work done in distributed systems, we can create this format as a way of standardizing how a human exists on the Internet, in much the same way that, for example, Unicode standardized the way we represent arbitrarily complex symbols with data.

1 Introduction

2 Format

2.1 Profile

2.2 Extensions

3 Reference Implementation

3.1 Blog Extension

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4 Conclusion