Reference Architecture (RA)

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DISTRIBUTED IMMUTABLE DATA OBJECT

(DIDO)

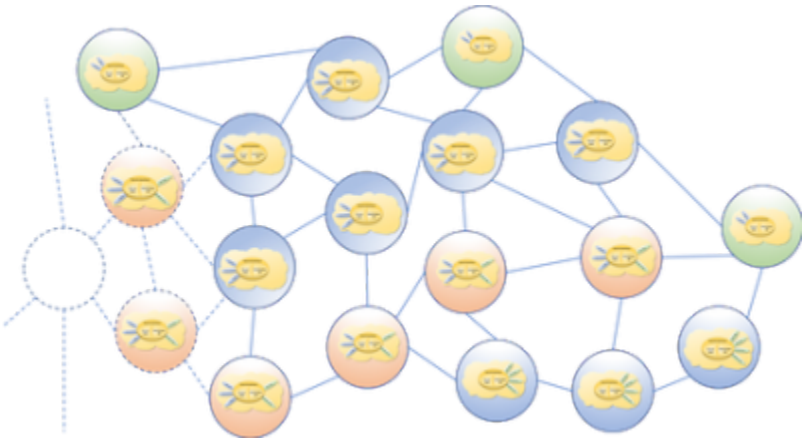
Reference Architecture (RA)

for

Cryptocurrencies, Blockchains, Distributed Ledgers and Tangles

Version 3.0

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Abstract

The excitement, expansion, and advancement in Distributed Computing resulting from Satoshi Nakamoto’s paper “Bitcoin: A Peer-to-Peer Electronic Cash System”[1] highlights the need for a Reference Architecture (RA) focused on Distributed Immutable Data Objects (DIDOs), where it is understood that DIDOs include, but are not limited to cryptocurrencies, the original blockchain, and distributed ledger technologies. This paper, an OMG Discussion paper, presents an RA for DIDOs.

Book Contents

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PDFs

The following are provided for those readers who would like to download a **static** copy of this RA as of the month/date shown.

- DIDO-RA 2.0 PDF (June 2020)
- DIDO Data Moel (DIDO-DM) 1.0 PDF (June 2020)
- DIDO-RA 3.0 PDF (Slim Version - June 2021)

This is a “slimmed down” version of the RA: it only contains the first pages of Appendices A through F. Any links to entries in these Appendices will direct the reader back to this Wiki.

1)

S. Nakamoto, “Bitcoin: A Peer-to-Peer Electronic Cash System,” 24 May 2009. [Online]. Available: https://bitcoin.org/bitcoin.pdf.

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