Reference Architecture (RA)

Return to Public Area **OR** View this document in the Wiki

DISTRIBUTED IMMUTABLE DATA OBJECT

(DIDO)

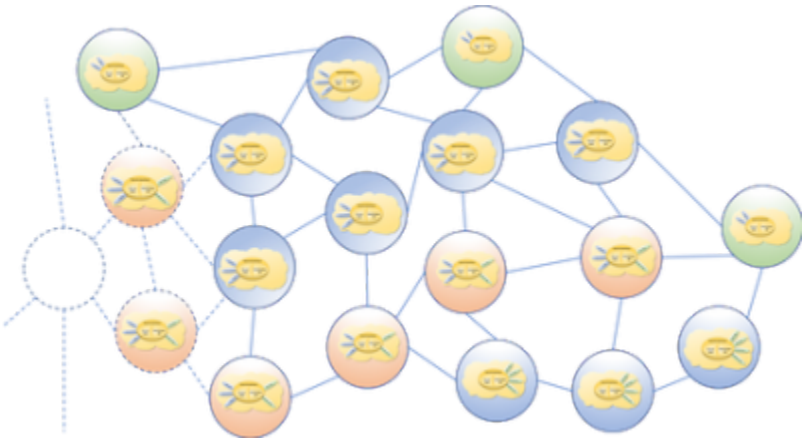
Reference Architecture (RA)

for

Cryptocurrencies, Blockchains, Distributed Ledgers and Tangles

Version 3.0

June 2021



R. W. “Nick” Stavros
Ian T. Stavros
Bryan Turek
Char Wales
Ian Murphy
Jackrabbit Consulting

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

- Front Matter
- Table of Contents

- 1 Introduction
- 2 Architectural Views
- 3 Governance
- 4 Requirements

- **xapend_test**
- xapend.a_glossary
- xapend.b_stds
- xapend.c_hwarch
- xapend.d_opsys
- xapend.e_tools
- xapend.f_qos
- xapend.g_testing
- xapend.h_acronyms
- xapend.i_cog_model
- xapend.j_gov_model

PDFs

- DIDO-RA 3.0 PDF
- DIDO-RA 2.0 PDF
- DIDO Data Moel (DIDO-DM) 1.0 PDF

1)

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

From:
https://omgwiki.org/dido/ - **DIDO Wiki**

Permanent link:
https://omgwiki.org/dido/doku.php?id=dido:public:ra&rev=1623609579

Last update: **2021/06/13 14:39**