e. Table of Contents

return to DIDO CLI Front Matter

Contents of the DIDO-CLI

- Part I: CLI Technical Details
  - 1.0 Introduction
    - 1.0 Introduction
    - 1.1 Problem
    - 1.2 Purpose
    - 1.3 Content Organization
  - 2.0 DIDO CLI Background
    - 2.1 Common Definitions
      - 2.1 Common Definitions
      - 2.1.1 Definition: Application Programming Interface (API)
      - 2.1.2 Definition: Command Line Interface (CLI)
      - 2.1.3 Definition: Platform
      - 2.1.4 Solution Stacks
      - 2.1.5 Data Object (DO)
      - 2.1.6 Immutable Data Objects
    - 2.2 Solution Stacks
      - 2.1.2.1 Database Solution Stack
        - 2.1.2.1 Database Solution Stack
      - 2.1.2.2 Proposed DIDO Solution Stack
        - 2.1.2.2 Proposed DIDO Solution Stack
      - 2.2 Solution Stacks
    - 2.3 Programming Paradigm
      - 2.1.3.1 Procedural Programming
      - 2.1.3.2 Object Oriented Programming
      - 2.1.3.3 Functional Programming
      - 2.1.3.4 Hybrid of Functional and Procedural Languages
      - 2.3 Programming Paradigm
    - 2.0 DIDO CLI Background
  - 3.0 DIDO CLI Language Constructs
    - 3.1 Naming Conventions
      - 3.1 Naming Conventions
    - 3.2 Reserved Words
      - 3.2 Reserved Words
    - 3.3 Operators
      - 3.3 Operators
    - 3.4 Operations
      - 3.4 Operations

        - 3.5 Basic Types
            - 3.5 Basic Types
        - 3.6 Constants
            - 3.6 Constants
        - 3.7 Memory and Storage
            - 3.7 Memory and Storage
        - 3.0 DIDO CLI Language Constructs
    - 4.0 DIDO Data Lifecycle Language (DDLL)
        - 4.0 DIDO Data Lifecycle Language (DDLL)
        - 4.1 NetworkProtocol
        - 4.1 PortNumberType
        - 4.2 Port
        - 4.3 Machine
        - 4.4 Resource
        - 4.5 Volume
        - 4.6 Virtual Machine
        - 4.7 Container
    - 5.0 DIDO Data Definition Language (DDDL)
        - 5.0 DIDO Data Definition Language (DDDL)
        - 5.1 Constants
        - 5.2 Types
        - 5.3 Objects
        - 5.4 Aggregate
        - 5.5 Oracles
        - 5.6 Exchanges
        - 5.7 Smart Contracts
    - 6.0 DIDO Manipulation Language (DDML)
    - Part I: CLI Technical Details
- Part II: User Scenarios
    - User Scenario: Aerospace
        - User Scenario: Aerospace
    - User Scenario: Agriculture
        - User Scenario: Agriculture
    - User Scenario: Decentralized Finance (DeFi)
        - User Scenario: Decentralized Finance (DeFi)
    - User Scenario: Defense
        - User Scenario: Defense
    - User Scenario: Disadvantaged_intermittent_links_dils
        - User Scenario: Disadvantaged_intermittent_links_dils
    - User Scenario: Identity
        - 1.0 Problem Statement
            - 1.0 Problem Statement
        - 2.0 Existing Simplified System without DIDO
            - 2.0 Existing Simplified System without DIDO
            - 2.1 Activities
            - 2.2 Issues
        - 3.0 Theoretical Simplified System with DIDO

                - 3.0 Theoretical Simplified System with DIDO
                - 3.1 Activities
                - 3.2 Issues
            - User Scenario: Identity
    - User Scenario: Industrial_processing
        - User Scenario: Industrial_processing
    - User Scenario: Medical
        - 1.0 Problem Statement
            - 1.0 Problem Statement
        - 2.0 Existing Simplified System without DIDO
            - 2.0 Existing Simplified System without DIDO
            - 2.1 Existing Activities
            - 2.2 Existing Issues
        - 3.0 Theoretcial Simplified System with DIDO
            - 3.0 Theoretcial Simplified System with DIDO
            - 3.1 Theoretical Activities
            - 3.2 Theoretical Issues
        - User Scenario: Medical
    - User Scenario: Regulation
        - User Scenario: Regulation
    - User Scenario: Supply Chain
        - 1.0 Problem Statement
            - 1.0 Problem Statement
        - 2.0 Existing Simplified System without DIDO
            - 2.1 Existing Activities
                - 2.1 Existing Activities
            - 2.2 Existing Issues
                - 2.2 Existing Issues
            - 2.0 Existing Simplified System without DIDO
        - 3.0 Theoretical Simplified System Using DIDO
            - 3.1 Activities
                - 3.1 Activities
            - 3.2 Theoretical Issues
                - 3.2.1 Organic Producer COI (OPC)
                    - 3.2.1 Organic Producer COI (OPC)
                - 3.2.2 Agricultural Supply Chain CoI (ASCC)
                    - 3.2.2 Agricultural Supply Chain CoI (ASCC)
                - 3.2 Theoretical Issues
            - 3.0 Theoretical Simplified System Using DIDO
        - User Scenario: Supply Chain
    - Part II: User Scenarios
- Part III: Appendices
    - A.1 Basic Ethereum Data Store
        - A.1.1 Block Class
            - A.1.1 Block Class
        - A.1.2 Call Class
            - A.1.2 Call Class
        - A.1.3 Contract Class

- A.1.3 Contract Class
  - A.1.3 Contract Class
- A.1.4 Event Class
  - A.1.4 Event Class
- A.1.5 Log Class
  - A.1.5 Log Class
- A.1.6 Token Class
  - A.1.6 Token Class
- A.1.7 Trace Class
  - A.1.7 Trace Class
- A.1.8 Transaction Class
  - A.1.8 Transaction Class
- A.1.9 JSON Support
  - A.1.9 JSON Support
  - A.1.9.1 Args
  - A.1.9.2 Links
  - A.1.9.3 Traces
- A.1 Basic Ethereum Data Store

Part III: Appendices

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

Permanent link:
https://omgwiki.org/dido/doku.php?id=dido:public:s_cli:00_front:4_toc&rev=1619918723

Last update: **2021/05/01 21:25**