

Ledger (RFC-080)

Feedback

A period when the community can review the RFC (comment Docs).

Document Maintainers: **Andi Gabriel Tan** 2022. List of other contributors in Annex. 1.
Copyright: MIT license

Copyright

Copyright (c) <2018-2022> Axiologic Research and Contributors.

This document is licensed under MIT license:

(https://en.wikipedia.org/wiki/MIT_License)

Contributors	Description
Axiologic Research www.axiologic.net	New content, cleaned the original texts under PharmaLedger Association and Novartis funding. MIT licensed content accordingly with the contracts. Publish and maintain www.opensu.com site.
PharmaLedger Project Members www.pharmaledger.eu	Review, feedback, observations, new content and corrections MIT licensed accordingly with the consortium agreements.
PrivateSky Research Project	Initial content (www.privatesky.xyz). MIT licensed content accordingly with the contracts. https://profs.info.uaic.ro/~ads/PrivateSky/

Abstract

1. Ledger functions

Function initialiseDSULedger(keySSI, constitutionKeySSI)

Function initialisePublicDSULedger(blockchainDomain, constitutionKeySSI)

Function getDSULedger(keySSI)

Function getPublicLedger(blockchainDomain)

Function getDSULedgerAsDb(blockchainDomain)

Annex 1. Contributors

Abstract

1. Ledger functions

Function initialiseDSULedger(keySSI, constitutionKeySSI)

Description: Initialise a ledger that is intended to be resolved from a keySSI; the DSU state gets anchored in the domain of the keySSI.

Name	Type	Value	Description
keySSI	KeySSI object		
constitutionKeySSI			

Function initialisePublicDSULedger(blockchainDomain, constitutionKeySSI)

Description: Initialise a ledger that is intended to be resolved from a BDNS name.

Name	Type	Value	Description
blockchainDomain	string	*required	
constitutionKeySSI	string		

Function getDSULedger(keySSI)

Description: Get a handler to a secret ledger.

Name	Type	Value	Description
keySSI	string	*required	

Function getPublicLedger(blockchainDomain)

Description: Get a handler to a public ledger.

Name	Type	Value	Description
blockchainDomain	string	*required	

Function getDSULedgerAsDb(blockchainDomain)

Description: Put an openDSU interface in front of the ledger.

Name	Type	Value	Description
blockchainDomain	string	*required	

Annex 1. Contributors

Current Editor	
Sînică Alboaie	sinica.alboaie@axiologic.net
Cosmin Ursache	cosmin@axiologic.net
Teodor Lupu	teodor@axiologic.net
Andi-Gabriel Țan	andi@axiologic.net
Contributors Axiologic Research	
Adrian Ganga	adrian@axiologic.net
Andi-Gabriel Țan	andi@axiologic.net
Cosmin Ursache	cosmin@axiologic.net
Daniel Sava	daniel@axiologic.net
Nicoleta Mihalache	nicoleta@axiologic.net
Valentin Gérard	valentin@axiologic.net
PrivateSky Contributors	
Alex Sofronie	alsofronie@gmail.com (DPO)
Cosmin Ursache	cos.ursache@gmail.com (UAIC)
Daniel Sava	sava.dumitru.daniel@gmail.com (HVS, AQS)
Daniel Visoiu	visoiu.daniel.g@gmail.com (SGiant)
Lenuța Alboaie	lalboaie@gmail.com (UAIC)
Rafael Mastaleru	rafael@rms.ro (RMS)
Sînică Alboaie	salboaie@gmail.com (UAIC)
Vlad Balmos	vlad.balmos@gmail.com (Code932)
PharmaLedger	
Ana Balan	bam@rms.ro (RMS)
Bogdan Mastahac	mab@rms.ro (RMS)

Cosmin Ursache	cos@rms.ro (RMS)
----------------	--

Rafael Mastaleru	raf@rms.ro (RMS)
------------------	--