

L1ToL2Message

Classes

EthDepositMessage

A message for Eth deposits from L1 to L2

Constructors

new EthDepositMessage()

new

EthDepositMessage (I2Provider : Provider , I2ChainId :

number , messageNumber : BigNumber , from :

string , to :

string , value : BigNumber) : EthDepositMessage

Parameters

Parameter Type Description I2Provider Provider I2ChainId number messageNumber BigNumber from string - to string
Recipient address of the ETH on L2 value BigNumber

Returns

[EthDepositMessage](#)

Source

[message/L1ToL2Message.ts:823](#)

Properties

Property Modifier Type Description I2ChainId readonly number - I2Provider private Provider - messageNumber readonly
BigNumber - to readonly string Recipient address of the ETH on L2 value readonly BigNumber -

Methods

fromEventComponents()

static

fromEventComponents (I2Provider : Provider , messageNumber : BigNumber , senderAddr :

string , inboxMessageEventData :

string) :

Promise < EthDepositMessage

Create an EthDepositMessage from data emitted in event when calling ethDeposit on Inbox.sol

Parameters

Parameter Type Description I2Provider Provider messageNumber BigNumber The message number in the
Inbox.InboxMessageDelivered event senderAddr string The sender address from Bridge.MessageDelivered event
inboxMessageEventData string The data field from the Inbox.InboxMessageDelivered event

Returns

Promise < [EthDepositMessage](#)

Source

[message/L1ToL2Message.ts:794](#)

parseEthDepositData()

static

private

parseEthDepositData (eventData :

string) : object Parse the data field in event InboxMessageDelivered(uint256 indexed messageNum, bytes data);

Parameters

Parameter Type Description eventData string

Returns

object

destination and amount

Member Type to string value BigNumber

Source

[message/L1ToL2Message.ts:773](#)

Type Aliases

L1ToL2MessageReaderOrWriter

type

L1ToL2MessageReaderOrWriter < T

:

T

extends

Provider

? L1ToL2MessageReader : L1ToL2MessageWriter ; Conditional type for Signer or Provider. If T is of type Provider then L1ToL2MessageReaderOrWriter will be of type L1ToL2MessageReader. If T is of type Signer then L1ToL2MessageReaderOrWriter will be of type L1ToL2MessageWriter.

Type parameters

Type parameter T extends SignerOrProvider

Source

[message/L1ToL2Message.ts:94](#)

L1ToL2MessageWaitResult

type

L1ToL2MessageWaitResult : object | object ; If the status is redeemed an I2TxReceipt is populated. For all other statuses I2TxReceipt is not populated

Source

[message/L1ToL2Message.ts:236](#) [Edit this page](#) [Previous Inbox](#) [Next L1ToL2MessageCreator](#)

