L1ToL2MessageCreator

Classes

L1ToL2MessageCreator

Creates retryable tickets by directly calling the Inbox contract on L1

Methods

createRetryableTicket()

createRetryableTicket (params : OmitTyped < L1ToL2MessageNoGasParams ,

"excessFeeRefundAddress"

|

"callValueRefundAddress"

& Partial < L1ToL2MessageNoGasParams

& object | L1ToL2TransactionRequest & object , l2Provider : Provider , options ? : GasOverrides) :

Promise < L1ContractTransaction < L1TransactionReceipt

Creates a retryable ticket by directly calling the Inbox contract on L1

Parameters

Parameter Type params [OmitTyped](#) <L1ToL2MessageNoGasParams ,"excessFeeRefundAddress"
|"callValueRefundAddress"

&Partial <L1ToL2MessageNoGasParams &object |[L1ToL2TransactionRequest](#) &object l2Provider Provider
options ? GasOverrides

Returns

Promise <L1ContractTransaction <L1TransactionReceipt

Source

[message/L1ToL2MessageCreator.ts:149](#)

getTicketCreationRequest()

static

getTicketCreationRequest (params : L1ToL2MessageParams , l1Provider : Provider , l2Provider : Provider , options ? :
GasOverrides) :

Promise < L1ToL2TransactionRequest

Generate a transaction request for creating a retryable ticket

Parameters

Parameter Type Description params L1ToL2MessageParams l1Provider Provider l2Provider Provider options ?
GasOverrides

Returns

Promise <[L1ToL2TransactionRequest](#)

Source

[message/L1ToL2MessageCreator.ts:77](#)

getTicketEstimate()

static

protected

getTicketEstimate (params : L1ToL2MessageNoGasParams , l1Provider : Provider , l2Provider : Provider , retryableGasOverrides ? : GasOverrides) :

Promise < Pick < RetryableData , L1ToL2GasKeys

Gets a current estimate for the supplied params

Parameters

Parameter Type Description params L1ToL2MessageNoGasParams l1Provider Provider l2Provider Provider retryableGasOverrides ? GasOverrides

Returns

Promise <Pick <RetryableData ,L1ToL2GasKeys

Source