ParentToChildMessageCreator

Classes

ParentToChildMessageCreator

Creates retryable tickets by directly calling the Inbox contract on Parent chain

Methods

createRetryableTicket()

createRetryableTicket (params : OmitTyped < ParentToChildMessageNoGasParams ,

"excessFeeRefundAddress"

|

"callValueRefundAddress"

& Partial < ParentToChildMessageNoGasParams

& object | ParentToChildTransactionRequest & object , childProvider : Provider , options ? : GasOverrides) :

Promise < ParentContractTransaction < ParentTransactionReceipt

> Creates a retryable ticket by directly calling the Inbox contract on Parent chain

Parameters

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

&Partial <ParentToChildMessageNoGasParams &object |[ParentToChildTransactionRequest](#) &object
childProvider Provider options ? GasOverrides

Returns

Promise <ParentContractTransaction <ParentTransactionReceipt

Source

[message/ParentToChildMessageCreator.ts:203](#)

getTicketCreationRequest()

static

getTicketCreationRequest (params : ParentToChildMessageParams , parentProvider : Provider , childProvider : Provider , options ? : GasOverrides) :

Promise < ParentToChildTransactionRequest

> Generate a transaction request for creating a retryable ticket

Parameters

Parameter Type Description params ParentToChildMessageParams parentProvider Provider childProvider Provider options ? GasOverrides

Returns

Promise <[ParentToChildTransactionRequest](#)

Source

[message/ParentToChildMessageCreator.ts:136](#)

getTicketCreationRequestCallData()

static

protected

getTicketCreationRequestCallData (params : ParentToChildMessageParams , estimates : Pick < RetryableData , ParentToChildGasKeys

, excessFeeRefundAddress :

string , callValueRefundAddress :

string , nativeTokenIsEth :

boolean) :

string Prepare calldata for a call to create a retryable ticket

Parameters

Parameter Type Description params ParentToChildMessageParams estimates Pick <RetryableData ,ParentToChildGasKeys

excessFeeRefundAddress string callValueRefundAddress string nativeTokenIsEth boolean

Returns

string

Source

message/ParentToChildMessageCreator.ts:89

getTicketEstimate()

static

protected

getTicketEstimate (params : ParentToChildMessageNoGasParams , parentProvider : Provider , childProvider : Provider , retryableGasOverrides ? : GasOverrides) :

Promise < Pick < RetryableData , ParentToChildGasKeys

Gets a current estimate for the supplied params

Parameters

Parameter Type Description params ParentToChildMessageNoGasParams parentProvider Provider childProvider Provider retryableGasOverrides ? GasOverrides

Returns

Promise <Pick <RetryableData ,ParentToChildGasKeys

Source