

assetBridger

Classes

abstract

AssetBridger

Base for bridging assets from l1 to l2 and back

Extended by

- [Erc20Bridger](#)
- [EthBridger](#)

Type parameters

Type parameter DepositParams WithdrawParams

Methods

checkL1Network()

protected

checkL1Network (sop : SignerOrProvider) :

Promise < void

Check the signer/provider matches the l1Network, throws if not

Parameters

Parameter Type Description sop SignerOrProvider

Returns

Promise <void

Source

[assetBridger/assetBridger.ts:48](#)

checkL2Network()

protected

checkL2Network (sop : SignerOrProvider) :

Promise < void

Check the signer/provider matches the l2Network, throws if not

Parameters

Parameter Type Description sop SignerOrProvider

Returns

Promise <void

Source

[assetBridger/assetBridger.ts:56](#)

deposit()

abstract

deposit (params : DepositParams) :

Promise < L1ContractTransaction < L1TransactionReceipt

Transfer assets from L1 to L2

Parameters

Parameter Type Description params DepositParams

Returns

Promise < L1ContractTransaction < L1TransactionReceipt

Source

[assetBridger/assetBridger.ts:64](#)

withdraw()

abstract

withdraw (params : WithdrawParams) :

Promise < L2ContractTransaction

Transfer assets from L2 to L1

Parameters

Parameter Type Description params WithdrawParams

Returns

Promise < L2ContractTransaction

Source

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