

## Bank Precompile

[illegible]

This precompile enables EVM clients to interact with the bank module.

## Functions

## Transactions

- send
- : Enables a user to send non-native tokens to another wallet. For sending native Sei tokens, use sendNative instead.
- /// Sends non-native tokens from one address to another.
- ///
- @param
- fromAddress The Sei address to send funds from.
- ///
- @param
- toAddress The Sei address to send funds to.
- ///
- @param
- denom The denomination of funds to send.
- ///
- @param
- amount The amount of the above denom to send.
- ///
- @return
- Whether the send was successfully executed.
- function
- send
- (
- address
- fromAddress
- ,
- address
- toAddress
- ,
- string
- memory
- denom
- ,
- uint256
- amount
- )
- external
- returns
- (
- bool
- success);
- sendNative
- : Enables a user to send native Sei to another user.
- /// Sends Sei to the specified user..
- ///
- @param
- toNativeAddress The Sei address of the recipient.
- ///
- @return
- Whether the tokens were successfully sent.
- function
- sendNative
- (
- string
- memory
- toNativeAddress
- ,
- )

- payable
- external
- returns
- (
- bool
- success);

## Queries

- balance
- : Queries the balance of the given account for specified denom. /// Queries the balance of the given account for the specified denom.
- ///
- @param
- acc The Sei address of the account to query.
- ///
- @param
- denom The denomination to query for.
- ///
- @return
- The amount of denom held by acc.
- function
- balance
- (
- address
- acc
- ,
- string
- memory
- denom
- )
- external
- view
- returns
- (
- uint256
- amount);
- all\_balances
- : Queries all balances of the given account.

/// Queries the balance of the given account for all balances. /// @param acc The Sei address of the account to query. /// @return balances for all coins/denoms. function

all\_balances ( address acc ) external

view

returns ( Coin [] memory response); \* name \* : Queries the name of the given denom. \* /// Queries the name of the specified denom. \* /// \* @param \* denom The denomination to query about. \* /// \* @return \* The name of the specified denom. \* function \* name \* ( \* string \* memory \* denom \* ) \* external \* view \* returns \* ( \* string \* memory \* response); \* symbol \* : Queries the symbol of the given denom. \* /// Queries the symbol of the specified denom. \* /// \* @param \* denom The denomination to query about. \* /// \* @return \* The symbol of the specified denom. \* function \* symbol \* ( \* string \* memory \* denom \* ) \* external \* view \* returns \* ( \* string \* memory \* response); \* decimals \* : Queries the number of decimal places for the given denom. \* /// Queries the number of decimal places for the specified denom. \* /// \* @param \* denom The denomination to query about. \* /// \* @return \* The number of decimals for the specified denom. \* function \* decimals \* ( \* string \* memory \* denom \* ) \* external \* view \* returns \* ( \* uint8 \* response); \* supply \* : Queries the total supply of the given denom. \* /// Queries the total supply of the specified denom. \* /// \* @param \* denom The denomination to query about. \* /// \* @return \* The total supply of the specified denom. \* function \* supply \* ( \* string \* memory \* denom \* ) \* external \* view \* returns \* ( \* uint256 \* response);

View the Bank precompile source code and the contract AB[here\(opens in a new tab\)](#) . Last updated on June 3, 2024 [Addr Cosmwasm](#)