

IBC Precompile

[illegible]

This precompile enables funds transfer over IBC protocol.

Functions

Transactions

- transfer
- : Send funds to another chain using IBC protocol.
- /// Send funds to another chain using IBC protocol.
- ///
- @param
- toAddress The recipient's address on the other chain
- ///
- @param
- port IBC port in source chain (e.g. 'transfer')
- ///
- @param
- channel IBC channel in source chain (e.g. 'channel-0')
- ///
- @param
- denom The denomination of the tokens to send
- ///
- @param
- amount The amount of tokens to send
- ///
- @param
- revisionNumber The revision number of the source chain
- ///
- @param
- revisionHeight The revision height of the source chain
- ///
- @param
- timeoutTimestamp The timeout timestamp of the source chain
- ///
- @param
- memo The memo to include in the transaction, if no memo is needed, pass an empty string
- ///
- @return
- Whether the transfer was successfully executed.
- function
- transfer
- (
- string
- toAddress
- ,
- string
- memory
- port
- ,
- string
- memory
- channel
- ,
- string
- memory
- denom
- ,
- uint256
- amount
- ,
- uint64
- revisionNumber
- ,

- uint64
- revisionHeight
- ,
- uint64
- timeoutTimestamp
- ,
- string
- memo
-)
- external
- returns
- (
- bool
- success);
- transferWithDefaultTimeout
- : Send funds to another chain using IBC protocol. Calculates the timeout
- height/timestamp based on the current block timestamp.
- /// Send funds to another chain using IBC protocol. Calculates the timeout height/timestamp
- /// based on the current block timestamp.
- ///
- @param
- toAddress The recipient's address on the other chain
- ///
- @param
- port IBC port in source chain (e.g. 'transfer')
- ///
- @param
- channel IBC channel in source chain (e.g. 'channel-0')
- ///
- @param
- denom The denomination of the tokens to send
- ///
- @param
- amount The amount of tokens to send
- ///
- @param
- memo The memo to include in the transaction, if no memo is needed, pass an empty string
- ///
- @return
- Whether the transfer was successfully executed.
- function
- transferWithDefaultTimeout
- (
- string
- toAddress
- ,
- string
- memory
- port
- ,
- string
- memory
- channel
- ,
- string
- memory
- denom
- ,
- uint256
- amount
- ,
- uint64
- revisionNumber
- ,
- uint64
- revisionHeight
- ,
- uint64

- timeoutTimestamp
- ,
- string
- memo
-)
- external
- returns
- (
- bool
- success);

View the IBC precompile source code and the contract AB [here\(opens in a new tab\)](#) . Last updated on May 24, 2024
[CosmWasm JSON](#)