



Introduction

iris is a command line client for the IRIShub network. IRIShub users can use iris to send transactions and query the blockchain data.



Working Directory

The default working directory for theiris is `HOME/.iris`, which is mainly used to save configuration files and data. The IRIShubkey data is saved in the working directory of iris. You can also specify theiris working directory by `--home`.



Connecting to a Full Node

Their node provides a RPC interface, transactions and query requests are sent to the process listening to it. The default rpc address theiris is connected to is `tcp://localhost:26657`, it can also be specified by `--node`.



Global Flags



GET Commands

All GET commands has the following global flags:

Name, shorthand type Required Default Value Description `--chain-id` string

Chain ID of tendermint node `--home` string

`~/iris` Directory for config and data `--trace` string

Print out full stack trace on errors



POST Commands

All POST commands have the following global flags:

Name, shorthand type Required Default Description `--account-number` int

0 AccountNumber to sign the tx `--broadcast-mode` string

sync Transaction broadcasting mode (sync | async | block) `--dry-run` bool

false Ignore the `--gas` flag and perform a simulation of a transaction, but don't broadcast it `--fees` string

Fees to pay along with transaction `--from` string

Name of private key with which to sign `--gas` string

50000 Gas limit to set per-transaction; set to "simulate" to calculate required gas automatically `--gas-adjustment` float

1.5 Adjustment factor to be multiplied against the estimate returned by the tx simulation; if the gas limit is set `--gas-prices` string

Gas prices in decimal format to determine the transaction fee `--generate-only` bool

false Build an unsigned transaction and write it to STDOUT `--help`, `-h` string

Print help message `--keyring-backend` string

os Select keyring's backend `--ledger` bool

false Use a connected Ledger device --memo string

Memo to send along with transaction --node string

tcp://localhost:26657 : to tendermint rpc interface for this chain --offline string

Offline mode (does not allow any online functionality) --sequence int

0 Sequence number to sign the tx --sign-mode string

Choose sign mode (direct | amino-json), this is an advanced feature --trust-node bool

true Don't verify proofs for responses --yes bool

true Skip tx broadcasting prompt confirmation --chain-id string

Chain ID of tendermint node --home string

Directory for config and data (default "~/.iris") --trace string

Print out full stack trace on errors

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Module Commands

Subcommand Description [bank](#) Bank subcommands for querying accounts and sending coins etc. [debug](#) Debug subcommands [distribution](#) Distribution subcommands for rewards management [gov](#) Governance and voting subcommands [htlc](#) HTLC transaction subcommands [keys](#) Keys allows you to manage your local keystore for tendermint [nft](#) NFT subcommands [oracle](#) Oracle transaction subcommands [params](#) Query parameters of modules [random](#) Random number subcommands [record](#) Record subcommands [slashing](#) Slashing subcommands [service](#) Service subcommands [staking](#) Staking subcommands for validators and delegators [status](#) Query remote node for status [tendermint](#) Tendermint state querying subcommands [token](#) Token subcommands [tx](#) Tx subcommands [upgrade](#) Software Upgrade subcommands