Connecting to a blockchain

Once you have installed CosmPy, you canconnect and begin interacting with Cosmos-based blockchains . You can do so by running the following command:

import cosmpy from cosmpy . aerial . client import LedgerClient , NetworkConfig

Connecting to the Fetch.ai mainnet

ledger_client

LedgerClient (NetworkConfig. fetch_mainnet ()) In the code snippet above, we are using theLedgerClient as a client object which takes aNetworkConfig as an argument. For ease of use, network configurations are provided automatically. For instance,NetworkConfig.fetch_mainnet() is the configuration for theFetch ledger ↗ . However, CosmPy allows you to customize the network configuration and interact with other chains.

i You can explore a full list of chain identifiers, denominations and endpoints atchain registry ↗(opens in a new tab). Below, you can find an example of a custom network configuration:

cfg

NetworkConfig (chain_id = "cosmoshub-4" , url = "grpc+https://grpc-cosmoshub.blockapsis.com:429" , fee_minimum_gas_price = 1 , fee_denomination = "uatom" , staking_denomination = "uatom" ,)

ledger_client

LedgerClient (cfg)

Was this page helpful?

Installation   Querying balances