

# Environment variables

By default, whenever the namada ledger is started, it will apply the configuration found in the ledger configuration file.

An example of a ledger configuration file is displayed below.

## wasm\_dir

```
"wasm"
```

```
[ledger] genesis_time =
```

```
"2023-06-29T17:00:00+00:00" chain_id =
```

```
""
```

```
[ledger.shell] base_dir =
```

```
"/Users/fraccaman/Library/Application Support/Namada" storage_read_past_height_limit =
```

```
3600 db_dir =
```

```
"db" cometbft_dir =
```

```
"cometbft" tendermint_mode =
```

```
"Full"
```

```
[ledger.cometbft] proxy_app =
```

```
"tcp://127.0.0.1:26658" moniker =
```

```
"1337-leet-1337" db_backend =
```

```
"goleveldb" db_dir =
```

```
"data" log_level =
```

```
"info" log_format =
```

```
"plain" genesis_file =
```

```
"config/genesis.json" node_key_file =
```

```
"config/node_key.json" abci =
```

```
"socket" filter_peers =
```

```
false priv_validator_key_file =
```

```
"config/priv_validator_key.json" priv_validator_state_file =
```

```
"data/priv_validator_state.json" priv_validator_laddr =
```

```
""
```

```
[ledger.cometbft.rpc] laddr =
```

```
"tcp://127.0.0.1:26657" cors_allowed_origins = [] cors_allowed_methods = [ "HEAD" ,
```

```
"GET" ,
```

```
"POST" ] cors_allowed_headers = [ "Origin" ,
```

```
"Accept" ,
```

```
"Content-Type" ,
```

```
"X-Requested-With" ,
```

```
"X-Server-Time" ] unsafe =
```

```
false max_open_connections =
900 max_subscription_clients =
100 max_subscriptions_per_client =
5 timeout_broadcast_tx_commit =
"10000ms" max_body_bytes =
1000000 max_header_bytes =
1048576 tls_cert_file =
"" tls_key_file =
"" pprof_laddr =
""

[ledger.cometbft.p2p] laddr =
"tcp://0.0.0.0:26656" external_address =
"" seeds =
"" persistent_peers =
"@:; ..." upnp =
false addr_book_file =
"config/addrbook.json" addr_book_strict =
true max_num_inbound_peers =
40 max_num_outbound_peers =
10 unconditional_peer_ids =
"" persistent_peers_max_dial_period =
"0ms" flush_throttle_timeout =
"100ms" max_packet_msg_payload_size =
1024 send_rate =
5120000 recv_rate =
5120000 pex =
true seed_mode =
false private_peer_ids =
"" allow_duplicate_ip =
false handshake_timeout =
"20000ms" dial_timeout =
"3000ms"

[ledger.cometbft.mempool] recheck =
true broadcast =
true wal_dir =
"" size =
5000 max_txs_bytes =
```

```

1073741824 cache_size =
10000 keep-invalid-txs-in-cache =
false max_tx_bytes =
1048576 max_batch_bytes =
0
[ledger.cometbft.consensus] wal_file =
"data/cs.wal/wal" double_sign_check_height =
0 create_empty_blocks =
true create_empty_blocks_interval =
"0ms" peer_gossip_sleep_duration =
"100ms" peer_query_maj23_sleep_duration =
"2000ms" timeout_propose =
"3000ms" timeout_propose_delta =
"500ms" timeout_prevote =
"1000ms" timeout_prevote_delta =
"500ms" timeout_precommit =
"1000ms" timeout_precommit_delta =
"500ms" timeout_commit =
"10000ms"
[ledger.cometbft.tx_index] indexer =
"null"
[ledger.cometbft.instrumentation] prometheus =
false prometheus_listen_addr =
":26660" max_open_connections =
3 namespace =
"namada_tm"
[ledger.cometbft.statesync] enable =
false rpc_servers =
"" trust_height =
0 trust_hash =
"" trust_period =
"168h0m0s" discovery_time =
"15000ms" temp_dir =
"" Expand However, it is possible to override the configuration by setting environment variables. Any variable found in the
config can be accessed through environment variables that are constructed in the below manner.

```

## Constructing environment variables

Names of the recognized environment variables are derived from the configuration keys by:

1. PrependNAMADA\_

2. to the key
3. Uppercase every letter of the key. For example `p2p_pex`
4. becomes `P2P_PEX`
5. Insert a `__`
6. for each nested value. For example, `ledger.cometbft`
7. becomes `LEDGER__COMETBFT`

Hence, the option `p2p_pex` in `[ledger.cometbft]` can be set by

**`NAMADA__LEDGER__COMETBFT__P2P_PEX`**

true

**or false, depending on your heart's desires**

in the environment

⚠ Note : In principle, `even.` can be used for environment variable names. However, in Bash, only the double underscore form can be used, because Bash doesn't allow dots in environment variable names. Therefore, we omit the dot form.

[Running a full node](#) [Setting up the full node](#)