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# MizukiSonoko/iroha-cli Documentation

*Release latest*

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<b>1</b>	<b>What's Iroha-cli?</b>	<b>1</b>
<b>2</b>	<b>Who uses Iroha-cli?</b>	<b>3</b>
<b>3</b>	<b>What Iroha-cli has function?</b>	<b>5</b>
<b>4</b>	<b>Contents</b>	<b>7</b>
4.1	Getting Started . . . . .	7
4.2	Samples . . . . .	8
4.3	Generate KeyPair / Configure . . . . .	8
4.4	Send Transaction . . . . .	9
4.5	Send Query . . . . .	9
4.6	Transaction . . . . .	9
4.7	Query . . . . .	9
4.8	Built In . . . . .	9
4.9	Add New Command . . . . .	9
4.10	Add New Query . . . . .	9



# CHAPTER 1

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## What's Iroha-cli?

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iroha-ya-cli Irohaquery / tx

iroha-ya-cli is that send tx / query to Iroha and read / write ledger data



## CHAPTER 2

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### Who uses Iroha-cli?

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User who wants to access Iroha ledger. **Not support user who wants to provision or manage Iroha network**  
(Tx/Query)





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### What Iroha-cli has function?

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Generally iroha-ya-cli has two parts.  
CLI2

- send transaction to iroha for writing data / Transaction
- send query to iroha for getting data / Query

In addition, supports this

- generate keypair,config /



## 4.1 Getting Started

### 4.1.1 What's required Iroha-cli?

iroha-ya-cli running on Python  
In now, only Python3.5

### 4.1.2 Simple Install

Cli is hosted by pypi. [pypi/iroha-ya-cli](https://pypi.org/project/iroha-ya-cli/) so you can install using this command.

```
pip install iroha-ya-cli
```

or

```
git clone -b v1.2.5 https://github.com/MizukiSonoko/iroha-cli.git
cd iroha-cli
python setup.py install
```

This is [release list](#) .

### 4.1.3 Generate key pair and config

You should create keypair and config.

**KeyPair is very important.If you lost keypair, You willn't be able to access Iroha ledger**  
**KeyPairIroha(Transaction/Query)**

```
iroha-ya-cli keygen --account_name mizuki --make_conf yes
```

- account\_name KeyPairAccountKeyCreateAccountIroha

```
root@9a7f3f24d416:/# ls -htl
total 76K
-rw-r--r--  1 root root  122 Nov 28 01:33 config.yml
-rw-r--r--  1 root root   88 Nov 28 01:33 mizuki.pri
-rw-r--r--  1 root root   44 Nov 28 01:33 mizuki.pub
```

## TestPermission644600

### 4.1.4 Common Error

chino

## 4.2 Samples

## 4.3 Generate KeyPair / Configure

IrohaIroha

```
iroha-ya-cli keygen --account_name mizuki --make_conf yes
```

-h

```
root@9a7f3f24d416:/# iroha-ya-cli keygen -h
usage: iroha-ya-cli keygen [-h] [--make_conf MAKE_CONF] --account_name ACCOUNT_NAME [-
↪-config CONFIG]

optional arguments:
-h, --help            show this help message and exit
--make_conf MAKE_CONF
                        generate conf.yml
--account_name ACCOUNT_NAME
                        target's account name
--config CONFIG       config.yml's path
```

config.yml mizuki.pri mizuki.pri 3

```
root@9a7f3f24d416:/# ls -l
total 76K
-rw-r--r--  1 root root  122 Nov 28 01:33 config.yml
-rw-r--r--  1 root root   88 Nov 28 01:33 mizuki.pri
-rw-r--r--  1 root root   44 Nov 28 01:33 mizuki.pub
```

- mizuki.pri Base64
- mizuki.pub Base64
- config.yml
- account CliPathconfig
- peer Transaction/Query

## **4.4 Send Transaction**

## **4.5 Send Query**

## **4.6 Transaction**

## **4.7 Query**

## **4.8 Built In**

## **4.9 Add New Command**

## **4.10 Add New Query**