

# Blockchain FPJ note

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## Ethereum

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**web3.py** (<http://web3.py>)

Install(from github, not pip3): <https://github.com/ethereum/web3.py>

(<https://github.com/ethereum/web3.py>)

if encounter deprecated warning

sudo pip3 uninstall XX

sudo pip3 install XX

github:

<https://github.com/ethereum/web3.py> (<https://github.com/ethereum/web3.py>)

doc(latest): <http://web3py.readthedocs.io/en/latest> (<http://web3py.readthedocs.io/en/latest>)

doc(stable): <http://web3py.readthedocs.io/en/stable> (<http://web3py.readthedocs.io/en/stable>)

## TestRpc

npm install -g ethereumjs-testrpc

testrpc --

account="0xE9873D79C6D87DC0FB6A57786333894453213303DA61F20BD67FC233AA33262,0x  
FFFFFFFFFFFFFFFFFFFFFFFF"

## IOTA

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### PyOTA

pip3 install pyota[ccurl]

github: <https://github.com/iotaledger/iota.lib.py> (<https://github.com/iotaledger/iota.lib.py>)

doc: <https://pyota.readthedocs.io/en/latest/api.html> (<https://pyota.readthedocs.io/en/latest/api.html>)

[https://github.com/iotaledger/iota.lib.py/blob/9389d1723be4beae486f6614cc068ac4b1ad1654/d](https://github.com/iotaledger/iota.lib.py/blob/9389d1723be4beae486f6614cc068ac4b1ad1654/docs/api.rst)

[ocs/api.rst](https://github.com/iotaledger/iota.lib.py/blob/9389d1723be4beae486f6614cc068ac4b1ad1654/docs/api.rst) (<https://github.com/iotaledger/iota.lib.py/blob/9389d1723be4beae486f6614cc068ac4b1ad1654/docs/api.rst>)

## TA full node info

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[https://docs.google.com/document/d/1fofAmSXIKDHqZLkwXRN68iaA4XmA3ZmQSsYP6q11usE/](https://docs.google.com/document/d/1fofAmSXIKDHqZLkwXRN68iaA4XmA3ZmQSsYP6q11usE/mobilebasic)

[mobilebasic](https://docs.google.com/document/d/1fofAmSXIKDHqZLkwXRN68iaA4XmA3ZmQSsYP6q11usE/mobilebasic) (<https://docs.google.com/document/d/1fofAmSXIKDHqZLkwXRN68iaA4XmA3ZmQSsYP6q11usE/mobilebasic>)

## Others (不用裝)

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### eth-tester

github + doc: <https://github.com/ethereum/eth-tester> (<https://github.com/ethereum/eth-tester>)

### Geth

install: <https://github.com/ethereum/go-ethereum/wiki/Installation-Instructions-for-Ubuntu>

(<https://github.com/ethereum/go-ethereum/wiki/Installation-Instructions-for-Ubuntu>)

github: <https://github.com/ethereum/go-ethereum> (<https://github.com/ethereum/go-ethereum>)

doc: [https://ethereum.gitbooks.io/frontier-guide/content/getting\\_a\\_client.html](https://ethereum.gitbooks.io/frontier-guide/content/getting_a_client.html)

([https://ethereum.gitbooks.io/frontier-guide/content/getting\\_a\\_client.html](https://ethereum.gitbooks.io/frontier-guide/content/getting_a_client.html))