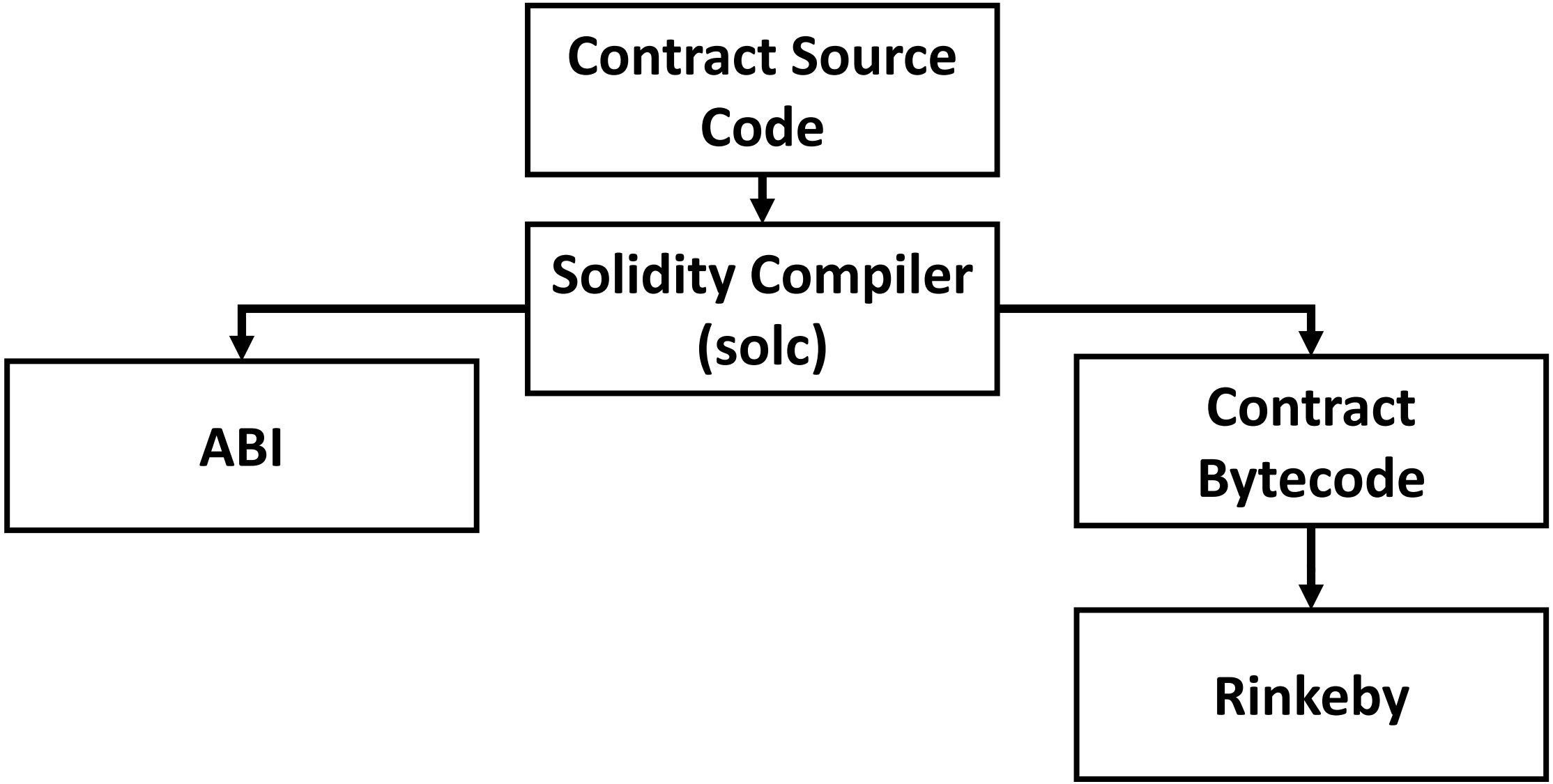
Q n A for Assignment 1?

COMP6452

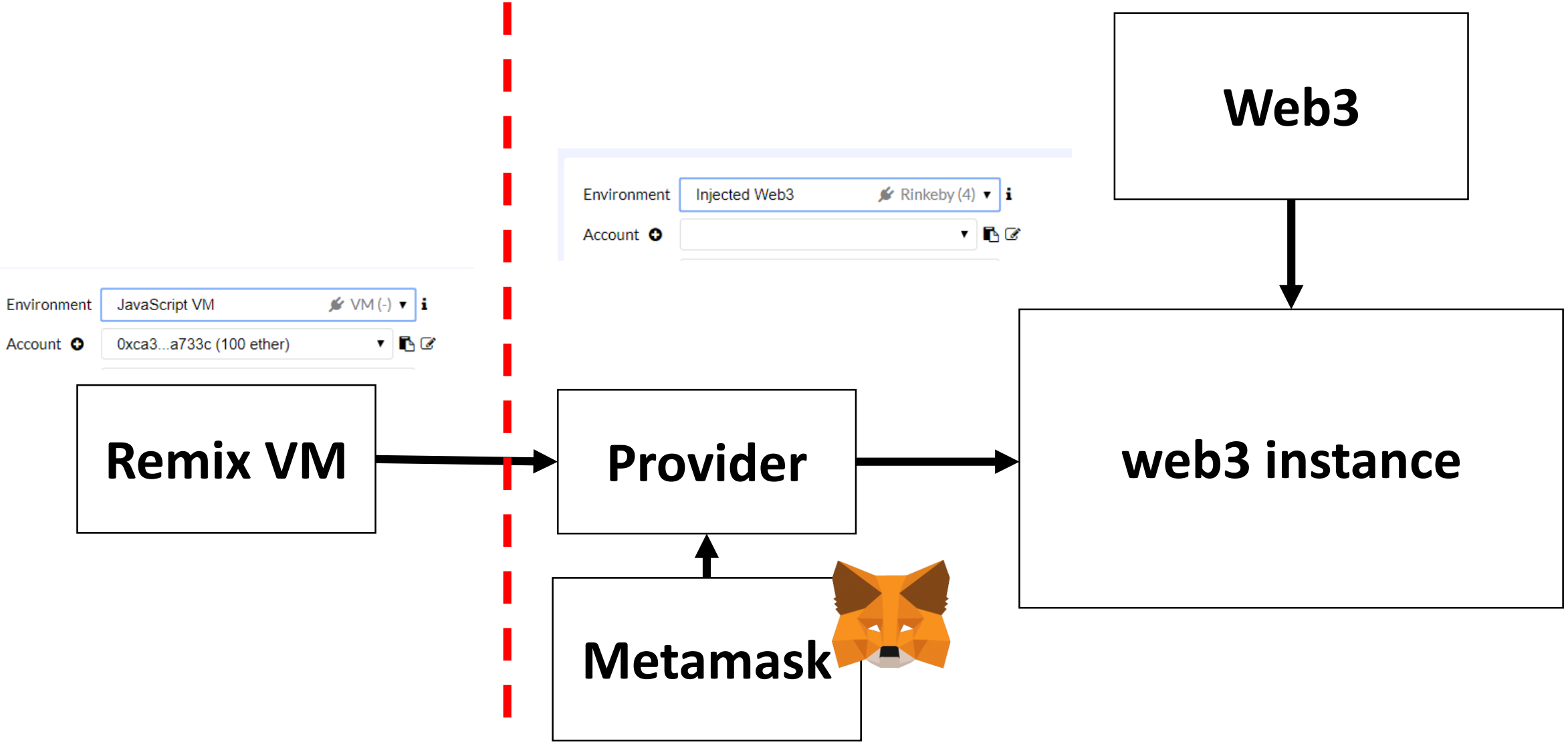
Tutorial 2

Solidity contract



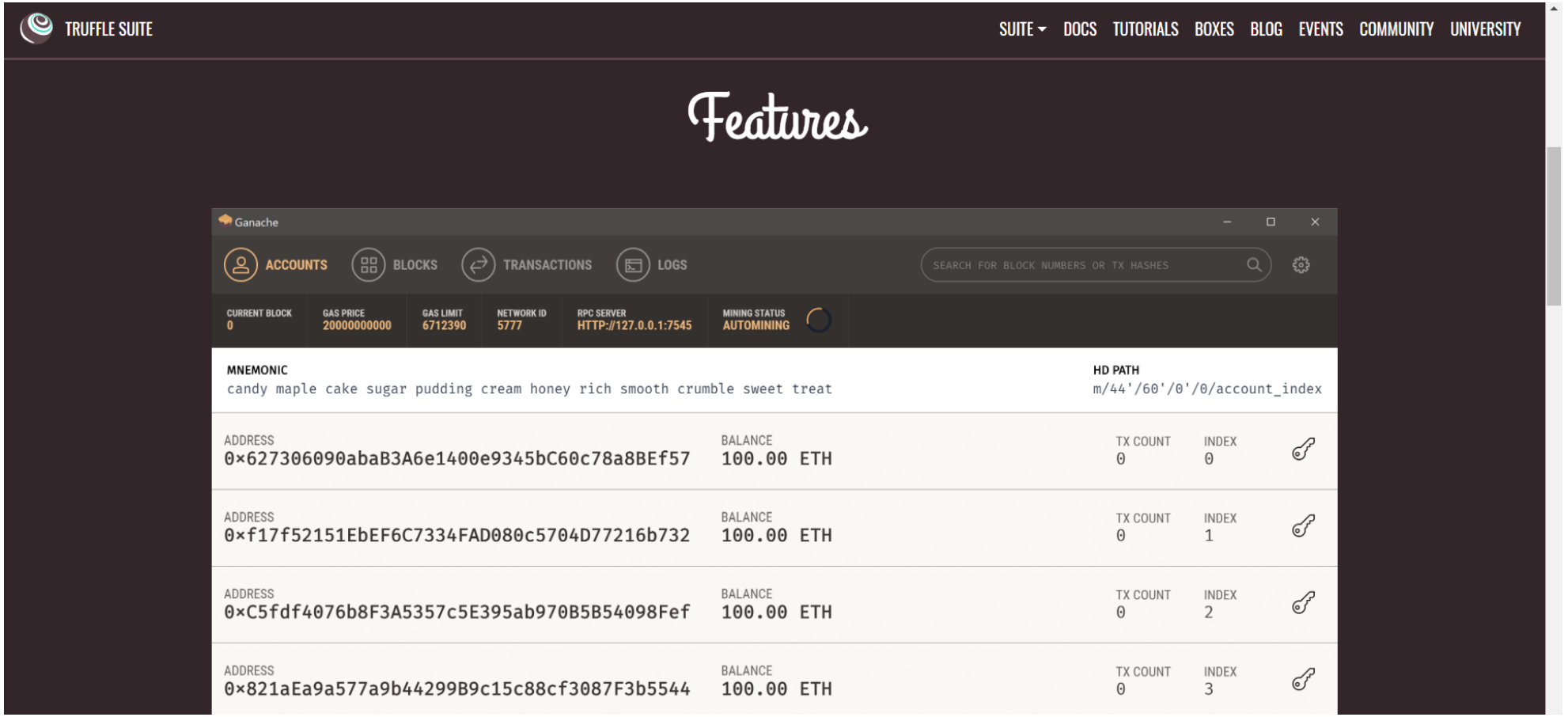
Demo

Remix


Environment
Injected Web3
Rinkeby (4)
Account
Web3
Environment
JavaScript VM
VM (-)
Account
0xca3...a733c (100 ether)
Remix VM
Provider
web3 instance
Metamask

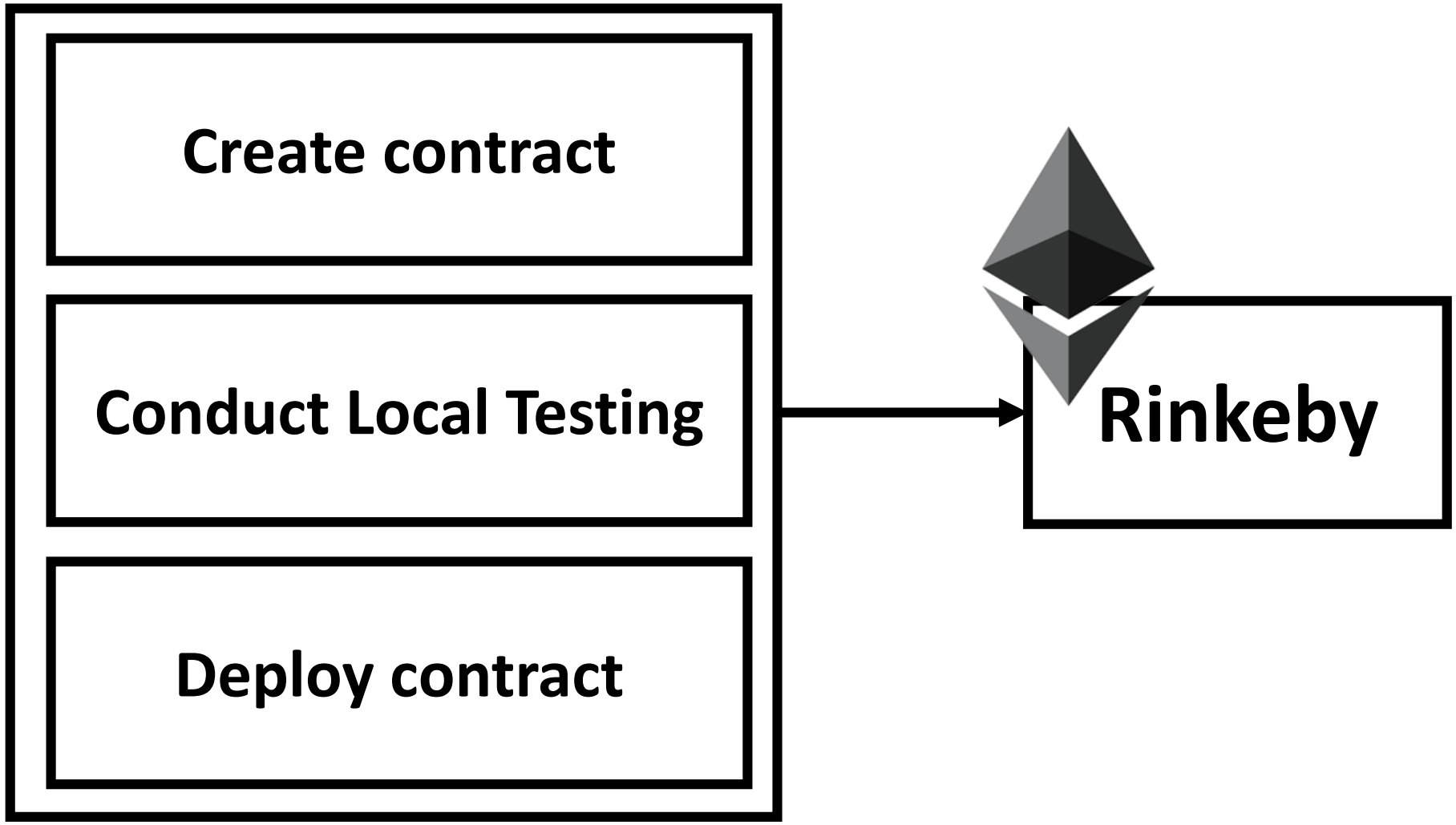
Local Testing and Deployment

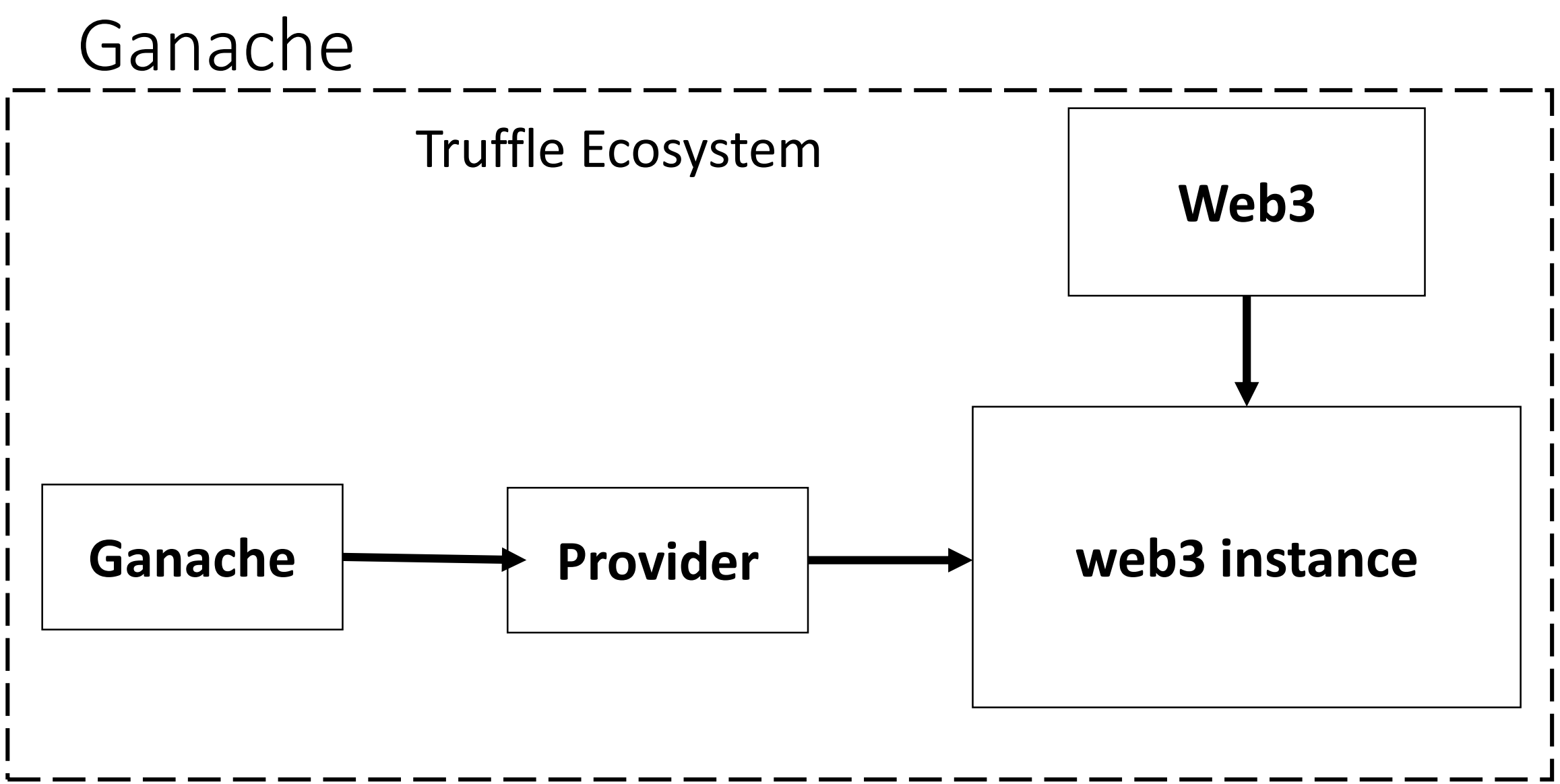
Truffle



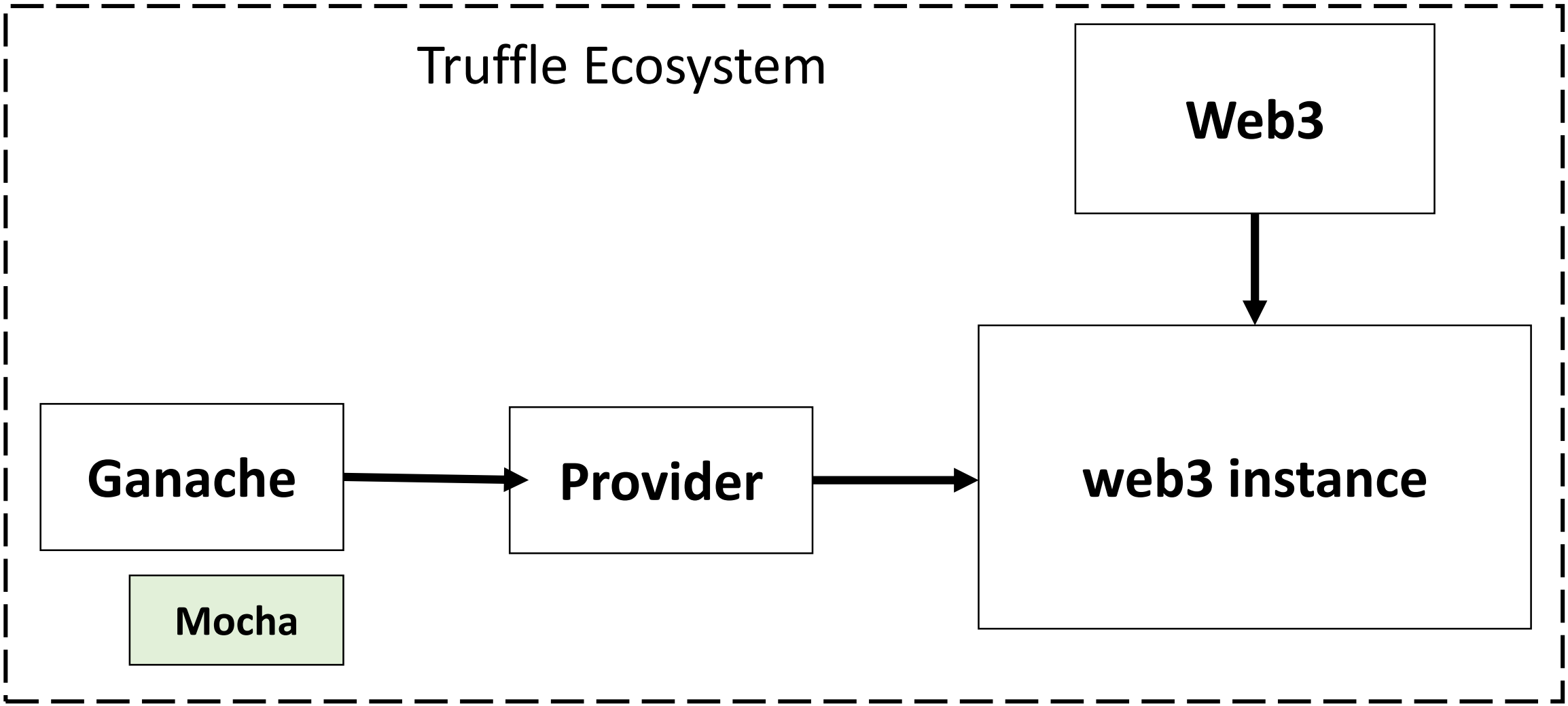
https://trufflframework.com/ganache

Truffle

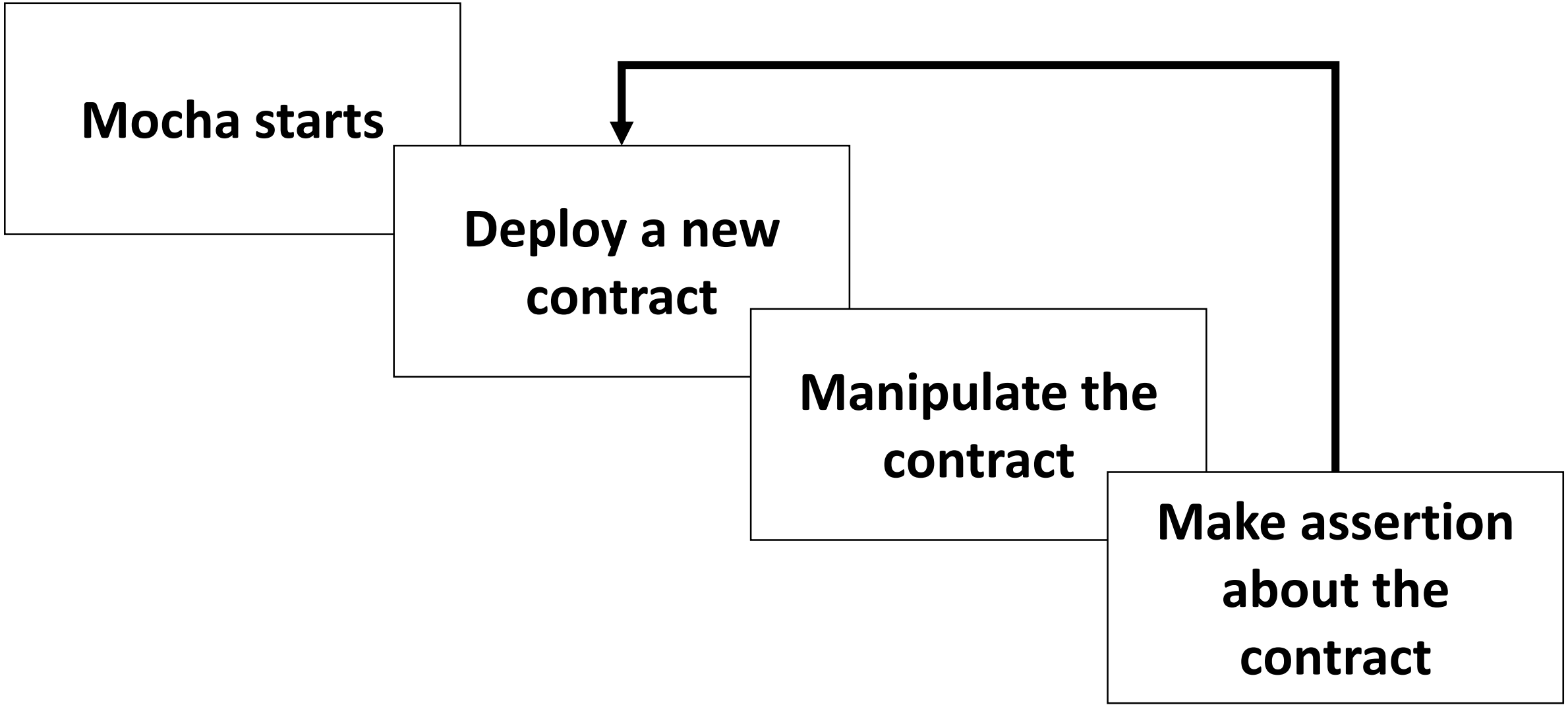

Create contract
Conduct Local Testing
Deploy contract
Rinkeby


Ganache
Truffle Ecosystem
Web3
Ganache
Provider
web3 instance

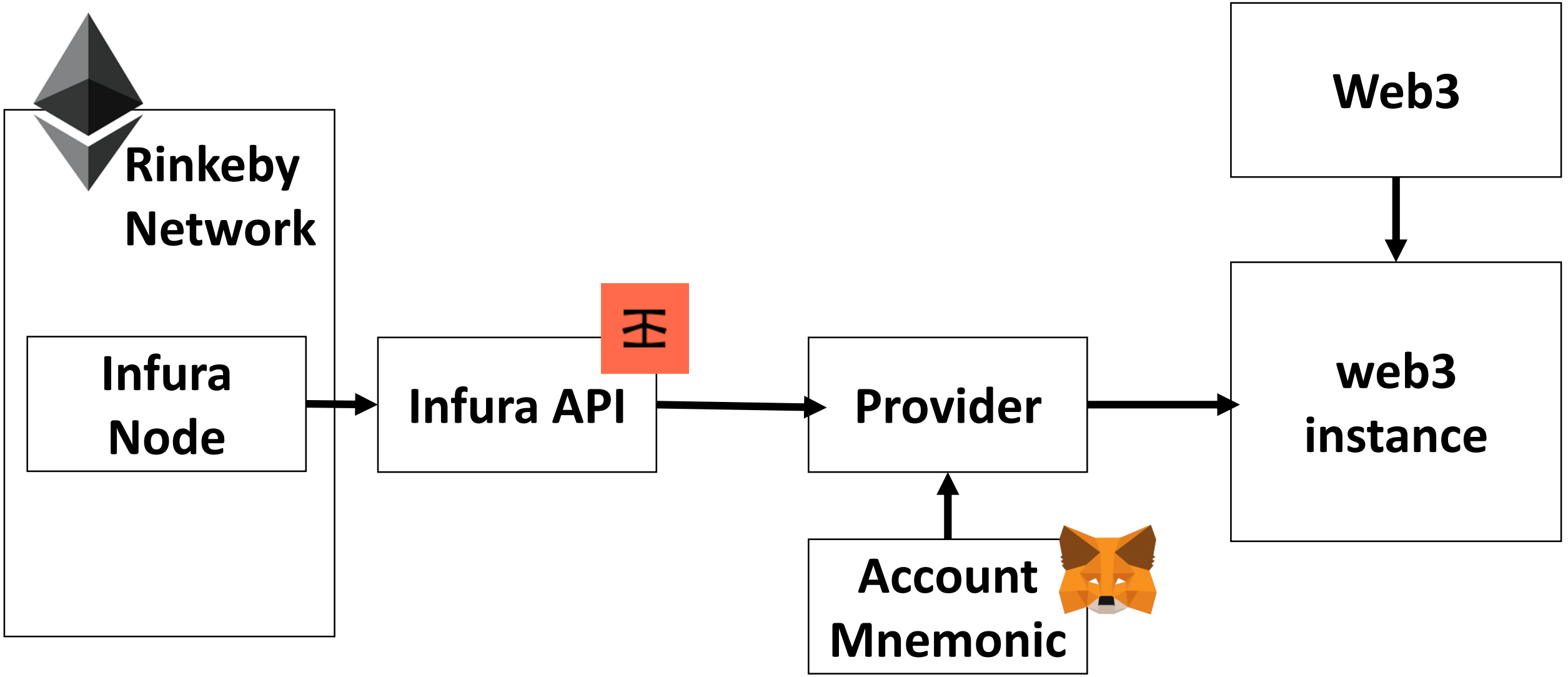
Mocha


Truffle Ecosystem
Web3
Ganache
Provider
web3 instance
Mocha

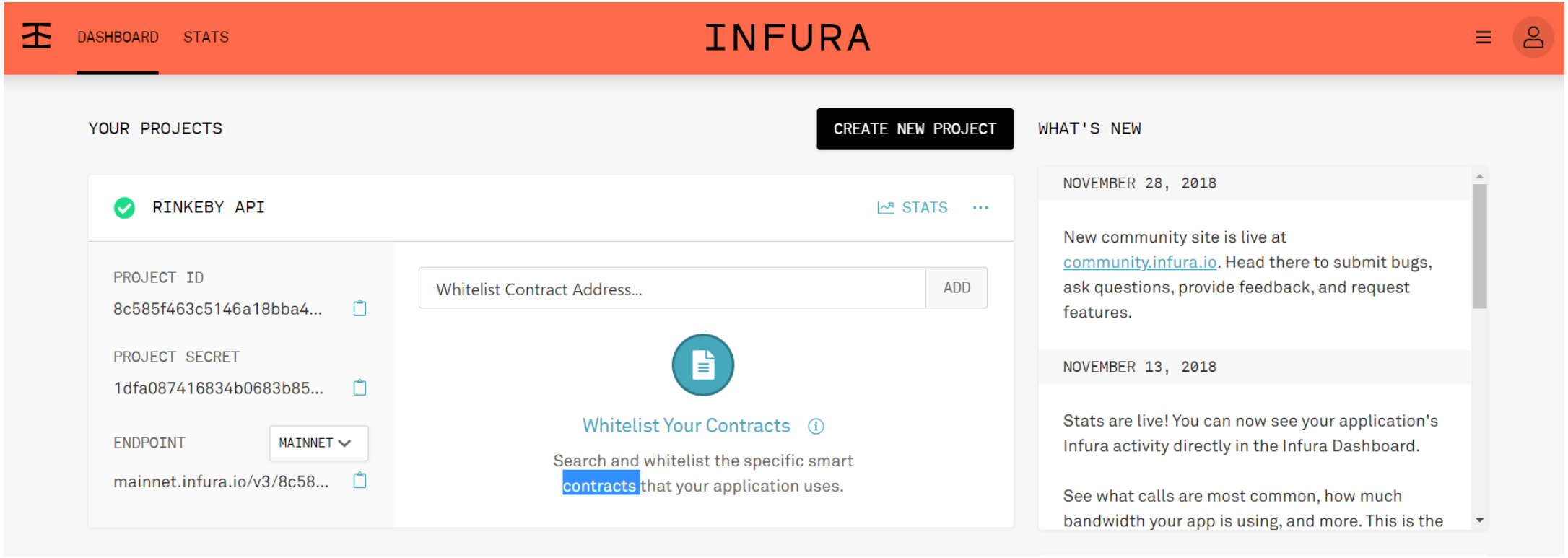
Mocha Testing Flow

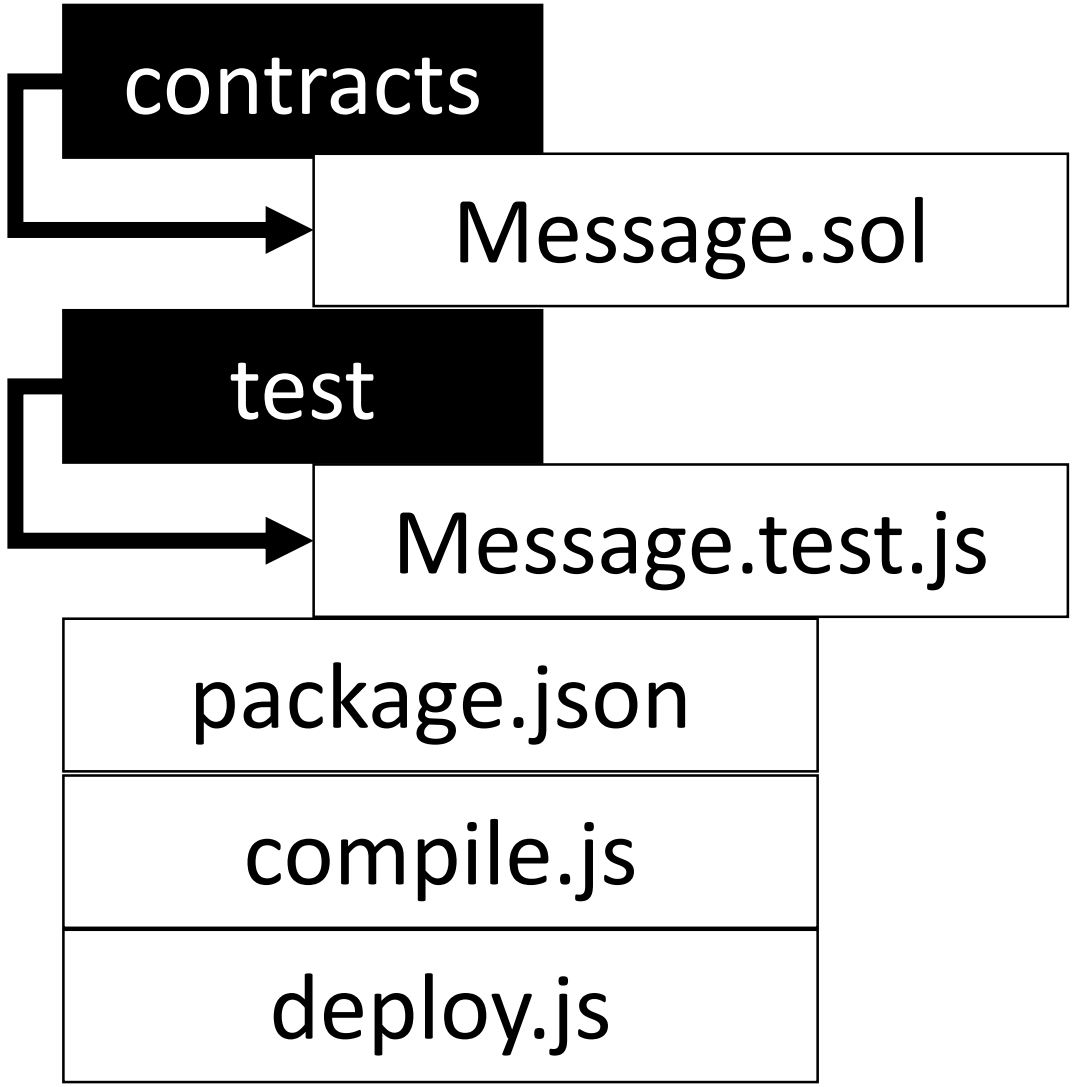


Infura


Rinkeby
Network
Infura
Node
Infura API
Provider
Web3
web3
instance
Account
Mnemonic

Infura



https://infura.io/dashboard

Project directory