

# Staking

Conflux

Conflux

Staking

/

deposit(uint amount) amount balance stakingBalance payable

withdraw(uint amount) Conflux

voteLock(uint amount, uint unlock\_block\_number) stakingBalance unlock\_block\_number amount

" stakingBalance X 5CFX " \*\* \*\*

x y Ccylt 2 \* 60 \* 60 \* 24 \* 365 x

1. stakingBalance 10CF voteLock(100 \* 10^18, x) 1 stakingBalance

2. voteLock(8 \* 10^18, x)

3. voteLock(6 \* 10^18, x+y) 2CFX 6CFX

4. voteLock(0, x) 2 3

5. voteLock(9 \* 10^18, x+y) " 9CFX "

```
const PRIVATE_KEY = '0xxxxxxx';
const cfx = new Conflux({
  url: 'http://test.confluxrpc.org',
  logger: console,
```

```
});  
  
const account = cfx.wallet.addPrivateKey(PRIVATE_KEY); // create account instance  
  
const staking_contract = cfx.InternalContract(' Staking' );  
// deposit some amount of tokens  
staking_contract.deposit(your_number_of_tokens).sendTransaction({  
  from: account,  
}).confirmed();  
  
// withdraw some amount of tokens  
staking_contract.withdraw(your_number_of_tokens).sendTransaction({  
  from: account,  
}).confirmed();  
  
// lock some tokens until some block number  
staking_contract.voteLock(your_number_of_tokens, your_unlock_block_number).sendTransaction({  
  from: account,  
}).confirmed();
```

---

Revision #3

Created 14 June 2022 00:38:08 by Pana

Updated 18 July 2022 06:42:54 by Darwin