

Staking

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 Ccylt2 * 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();
```

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