

Hedgey OTC UAT Testing

Purpose: This document outlines all of the tests required to complete a successful OTC deal, for both current and futures deals, such that the code is sufficient for production usage. This does not constitute that there are no risks or bugs in the contract that would prevent hacks or unauthorized usage, just simply an outline of how the contracts are intended to work.

Smart contracts are contained in this repository: https://github.com/hedgey-finance/OTC_Core

Contracts (deployed onto the Rinkeby network)

Hedgey OTC: `0xcB0907AFfdb140965CFA89Df70478774484B6830`

Futures NFT: `0x2882A915f8FCf223d052cfa0d186c777e9CB002c`

Tests to run on Hedey OTC:

1. Create Deal
 - a. <https://rinkeby.etherscan.io/tx/0x8db8b04daff2abeeb43c5abff010c0e3188e3d2c4cbe4878c38ef1243f8e3bbf>
 - b. Parameters:
 - i. From walletA
 - ii. Asset: WETH
 - iii. Payment currency: DAI
 - iv. Size: 0.01
 - v. Minimum: 0.005
 - vi. Price: 200 dai
 - vii. Maturity: 1641279940
 - viii. unlockDate: 0
 - ix. buyer: 0x0
 - c. Expected Result:

Sent in .01 ETH into the contract for escrow, and object created to confirm active sale order

2. Close Deal

- a. <https://rinkeby.etherscan.io/tx/0x60ebbb3a821de5998a64ad05f8cae06e3b09b2c0de1029fa4d82f7cd42a50e5c>
 - b. Parameters:
 - i. WalletA
 - ii. Index: 0
 - c. Expected result:

Cancelled the deal, so the amount to be sold (0.01 eth) was delivered back out from the contract to WalletA
3. Buy Deal
- a. New deal created with similar params to index0
 - b. <https://rinkeby.etherscan.io/tx/0x01570ccc64adcce3a3a571cafc8c6b0b39632e05b16316048ba7f73d75c7cbd4>
 - c. Parameters:
 - i. WalletB
 - ii. Index: 1
 - iii. Amount: 0.01
 - d. Expected Result:

Delivered 2 DAI to the seller (10% fees went to fee collector), and received .01 ETH in exchange

Tests on Futures NFT:

1. Redeem Future
 - a. <https://rinkeby.etherscan.io/tx/0x8ce8d53caa421137776cbf76f55e43882d15751edbcae791aea1f6e6f4be794>
 - b. Parameters:
 - i. WalletB
 - ii. Index: 2
 - c. Expected Result:

Received 2 BAT, burned NFT token ID 2