

Resolver's setup script example

The following script executes the steps to become a resolver:

1. Approve staking 1inch for 1inch contract.
2. Stake 1inch to gain unicorn power.
3. Add a delegation pod to enable power delegation.
4. Register yourself to be a resolver.
5. (Optional) Change the default farm to a new farm.
6. Delegate available unicorn power to yourself.
7. Register a resolver at the whitelist.
8. Set up a worker to settle fusion orders.

Setup script example

```
const
{ ether , time }

=

require ( '@1inch/solidity-utils' ) ; const
{ ethers }

=

require ( 'hardhat' ) ;

// Setup envirement const inch =

await ethers . getContractAt ( 'IERC20' ,
'0x111111111117dc0aa78b770fa6a738034120c302' ) ; const st1inch =

await ethers . getContractAt ( 'IERC20' ,
'0x9a0c8ff858d273f57072d714bca7411d717501d7' ) ; const powerPod =

await ethers . getContractAt ( 'IERC20' ,
'0xaccfac2339e16dc80c50d2fa81b5c2b049b4f947' ) ; const whitelist =

await ethers . getContractAt ( 'WhitelistRegistry' ,
'0xcb8308fcB7BC2f84ed1bEa2C016991D34de5cc77' ) ;

const stakeAmount =

ether ( '1000000' ) ; const lockTime = time . duration . years ( '2' ) ; const myShareToken =

{ name :

'MyShareTokenName' , symbol :

'MST' , } ; const worker =

'...' ;

// Address of wallet which send transaction const

[ resolver ]

=

await ethers . getSigners ( ) ;

// Ethers setup script

// approve 1inch staking await
```

```
( await inch . connect ( resolver ) . approve ( st1inch . address , stakeAmount ) ) ; // stake 1inch token await

( await st1inch . connect ( resolver ) . deposit ( stakeAmount , lockTime ) ) . wait ( ) ; // add delegation pod to // 1. make it
possible for any user to delegate staking power to // the resolver's account // 2. make it possible for a resolver to allocate its
staking power for itself await

( await st1inch . connect ( resolver ) . addPod ( powerPod . address ) ) . wait ( ) ;

// register resolver's delegation token to count stakers' shares and rewards await

( await powerPod . connect ( resolver ) . functions [ 'register(string,string)' ] ( myShareToken . name , myShareToken .
symbol , ) ) . wait ( ) ;

// Delegate staked power to self await

( await powerPod . connect ( resolver ) . delegate ( resolver . address ) ) . wait ( ) ;

// Whitelist resolver (there should be enough unicorn power to be in top 10) await

( await whitelist . connect ( resolver ) . register ( ) ) . wait ( ) ;

// Add worker address from which order settlement will be executed await

( await whitelist . connect ( resolver ) . promote ( 1 , worker ) ) . wait ( ) Edit this page Previous Resolver verification Next Contract interaction
```