

How to find the vault of whirlpools

author: yugure#3291 (Discord), @crypto2real (Twitter)

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Using whirlpool-sdk


use this script...

solsandbox/get_whirlpool_vaults.ts at main · everlastingsong/solsandbox

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Reload to refresh your session.

 [https://github.com/everlastingsong/solsandbox/blob/main/orca_whirlpool/get_w
hirlpool_vaults.ts](https://github.com/everlastingsong/solsandbox/blob/main/orca_whirlpool/get_whirlpool_vaults.ts)

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0 Issues

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Manual approach

First, refer the bottom of this script.


There is info of whirlpools at 2022/5/29.

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If new appended pool is not listed there, use the following steps.

1. access to pools (<https://mainnet-zp2-v2.orca.so/pools>)

<https://mainnet-zp2-v2.orca.so/pools>

2. identify the address pool

in the following screen shot, the address of pool are:


- `5Z66YYaTmmx1R4mATAGLSc8aV4Vfy5tNdJQzk1GP9RF`
- `HJPjoWUrhoZzkNfRpHuieeFk9WcZWjwy6PBjZ81ngndJ`

```
[{"address":"5Z66YYaTmmx1R4mATAGLSc8aV4Vfy5tNdJQzk1GP9RF","whitelisted":true,"tokenMintA":"orcaEKtdK7LKz57vaAYr9QeNsVEPfiu6QeMU1kektZE","tokenMintB":"EPjFWdd5AufqSSqeM2qN1xzybapC8G4wEGGkZwyTDt1v","tickSpacing":64,"price":0.8327925835761559,"lpsFeeRate":0.002,"protocolFeeRate":0.03,"priceHistory":{"day":{"min":0.8159230902887288,"max":0.8297765123946599},"week":{"min":0.8111009179603225,"max":0.8979361548720838},"month":{"min":0.7873029914755222,"max":2.011813201177702}},"tokenAPriceUSD":{"price":0.8327925835761559,"dex":0.8327925835761559,"coingecko":0.834386},"tokenBPriceUSD":{"price":1,"dex":1,"coingecko":1.001},"tvl":390264.70438257215,"volume":{"day":219673.73960829235,"week":1931273.6919232358,"month":11635407.18221505},"feeApr":{"day":0.4271225627188079,"week":0.5597648238754555,"month":0.4721819724252319},"reward0Apr":{"day":0.89011379956326,"week":1.0856517776410108,"month":1.0014888287654813},"reward1Apr":{"day":0,"week":0,"month":0},"reward2Apr":{"day":0,"week":0,"month":0},"totalApr":{"day":1.3172363622820678,"week":1.6454166015164664,"month":1.4736708011907131}}, {"address":"HJPjoWUrhoZzkNfRpHuieeFk9WcZWjwy6PBjZ81ngndJ","whitelisted":true,"tokenMintA":"So1111111111111111111111111111111111111111111111112","tokenMintB":"EPjFWdd5AufqSSqeM2qN1xzybapC8G4wEGGkZwyTDt1v","tickSpacing":64,"price":43.0250677600905,"lpsFeeRate":0.002,"protocolFeeRate":0.03,"priceHistory":{"day":{"min":40.72798501958907,"max":42.382187218486465},"week":{"min":40.46372613301927,"max":53.87699966193835},"month":{"min":39.865901430873066,"max":99.83408618517849}},"tokenAPriceUSD":{"price":43.0250677600905,"dex":43.0250677600905,"coingecko":43.04},"tokenBPriceUSD":{"price":1,"dex":1,"coingecko":1.001},"tvl":2088443.483884404,"volume":{"day":3829405.2481000535,"week":41844290.88385555,"month":302790953.67558515},"feeApr":{"day":1.3397802372616923,"week":1.1250441415111356,"month":1.4922756850514236},"reward0Apr":{"day":0,"week":0,"month":0.3078019042424384},"reward1Apr":{"day":0,"week":0,"month":0},"reward2Apr":{"day":0,"week":0,"month":0},"totalApr":{"day":1.3397802372616923,"week":1.1250441415111356,"month":1.800077589293862}}]
```

3. open SOL/BORSH Decoder (<https://borsh.m2.xyz/>)

Inspect any Solana account | Solana x Borsh Decoder

A simple online tool to help you decode borsh encoded data from Solana accounts

 <https://borsh.m2.xyz/>



SOL / BORSH Decoder

4. enter the address of pool, and click “Account Search”

5. confirm that the data is fetched and shown

6. analyze account data

Add rows with “Add Another”, and input “Name”, “Type” fields as follows.

The tool show the human readable values.

Now, you can get the address of TOKEN_A_VAULT and TOKEN_B_VAULT.

END 👍