
tokr_

An open-source protocol for
financing real world assets

Date: March 17, 2022

<https://tokr.finance/>

[GitHub](#)

[Documentation](#)

[Tokr Protocol White Paper v0.1.0-beta.1](#)

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Vision

Tomorrow, DAOs will be the
world's largest owners of real
world assets, powered by DeFi

1 Problem

2 Solution

3 Functionality

4 Proof of Concept

5 Recap

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Critical error

Decentralized networks face barriers to
interact with the built world.

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The Tokr Protocol

An open-source protocol for tokenizing and financing real-world assets.

Representing real property ownership digitally as non-fungible tokens (rNFTs) enables market participants to frictionlessly exchange and finance real world assets (such as real estate) programmatically on the Solana blockchain.

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1 Problem

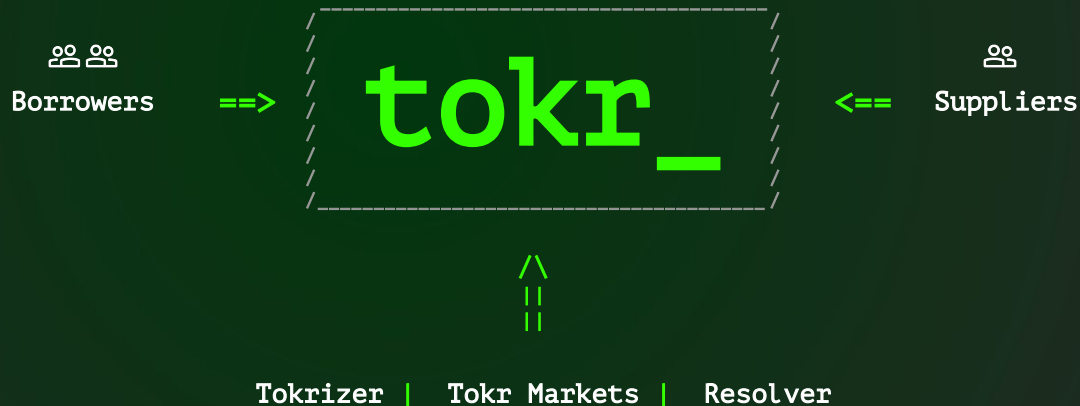
2 Solution

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The Tokr Protocol



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Initial Use Case

Real estate ownership is out of reach for billions of people

Inefficient capital market

- Difficult to access capital
- Illiquid assets

Time-intensive & costly

- Multiple intermediaries
- High legal & professional fees
- Lengthy off-line processes

Primitive technology

- Centralized and closed
- Fragmented data sets

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Dashboard

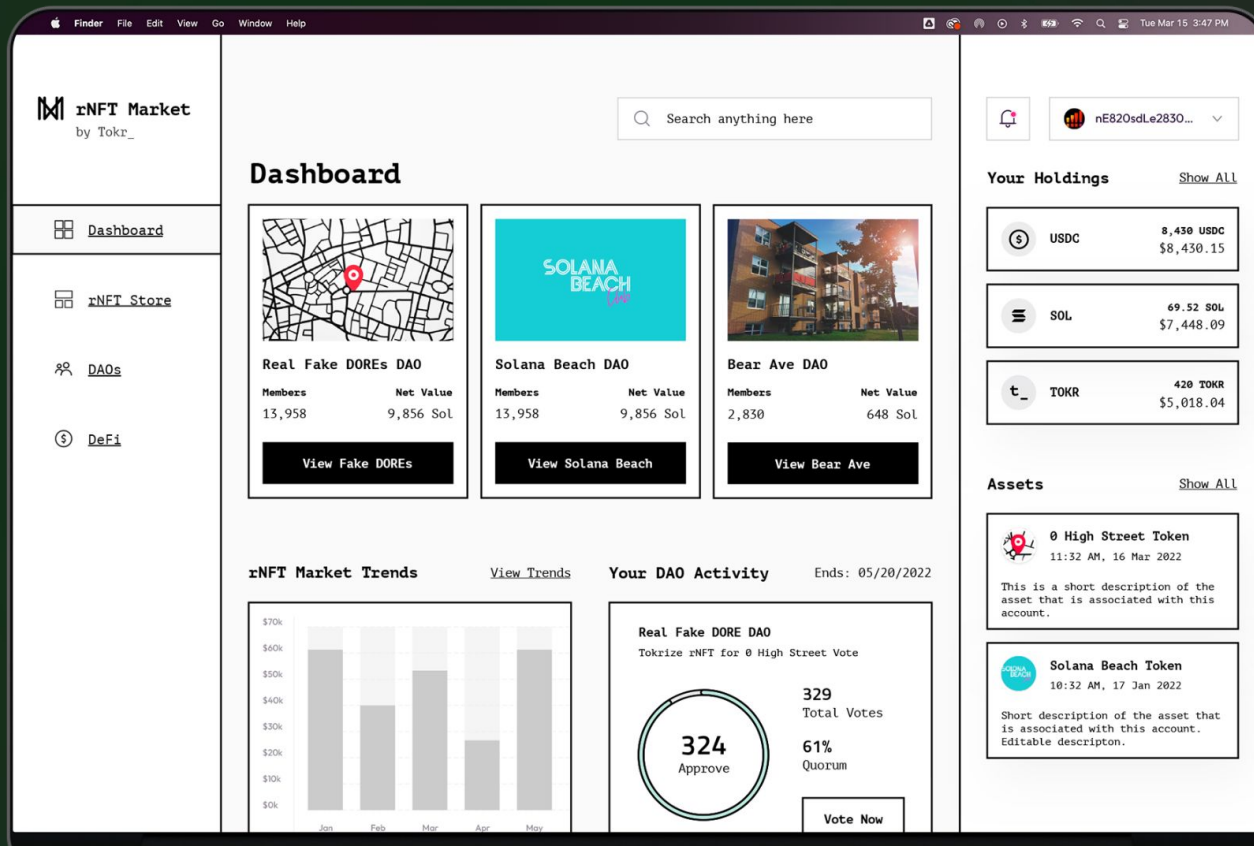
DAO management

Mint rNFT

DeFi for real estate

4 Proof of Concept

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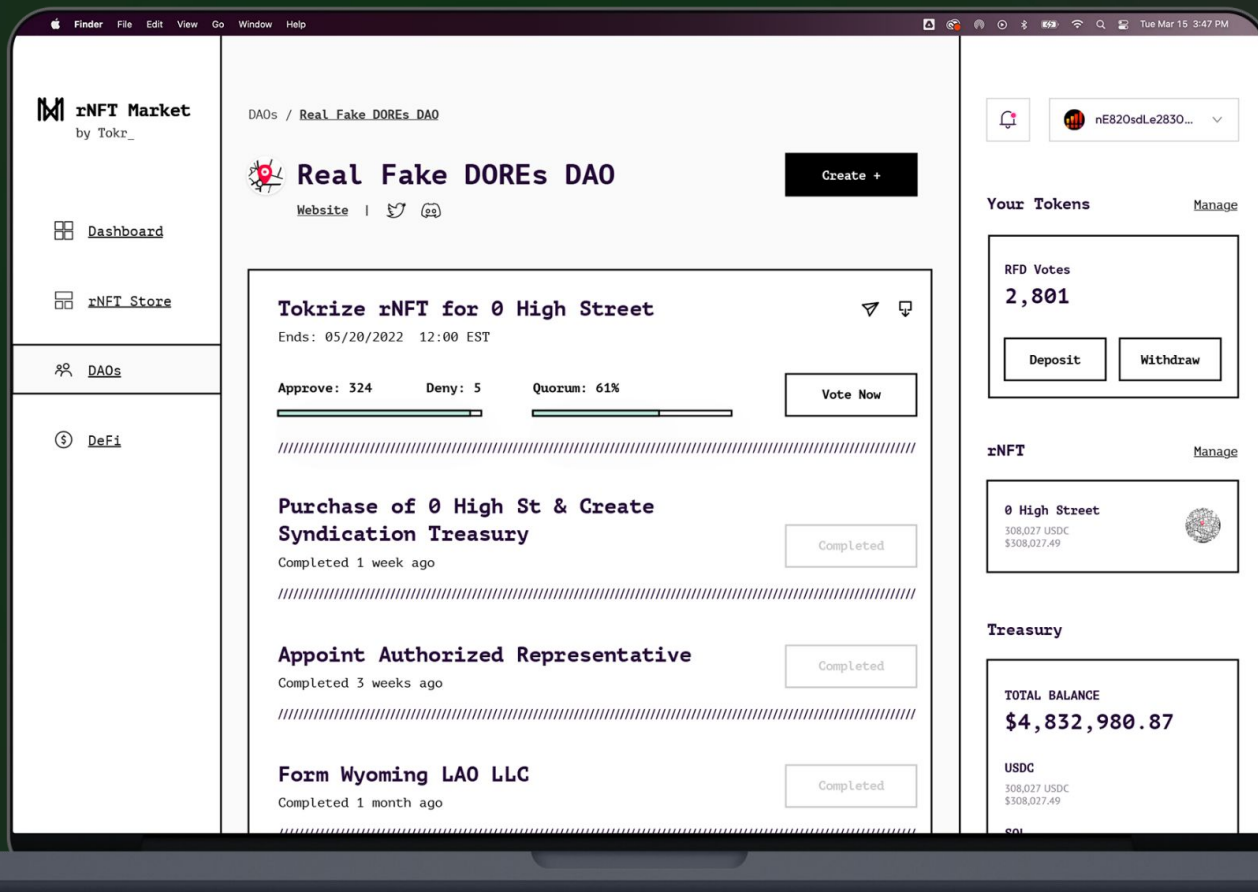
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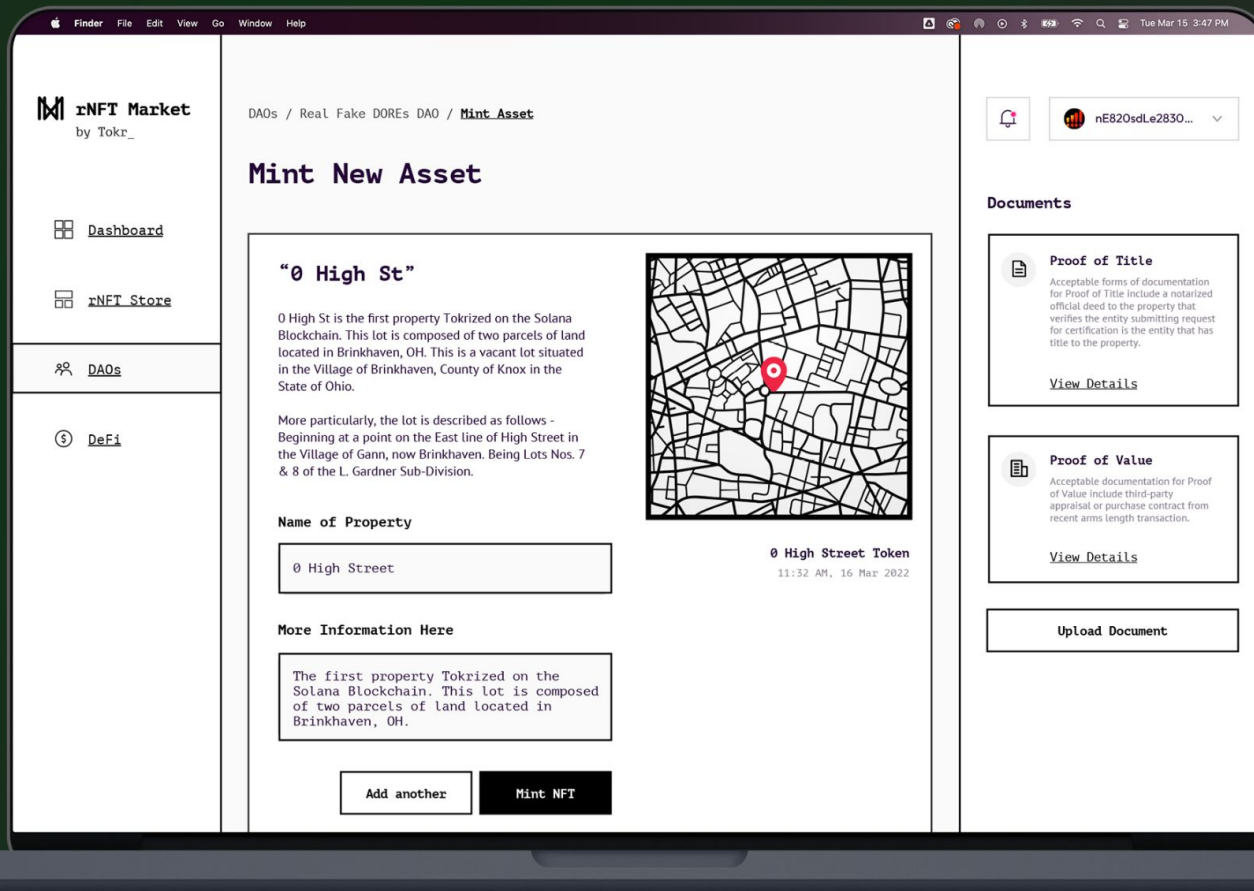
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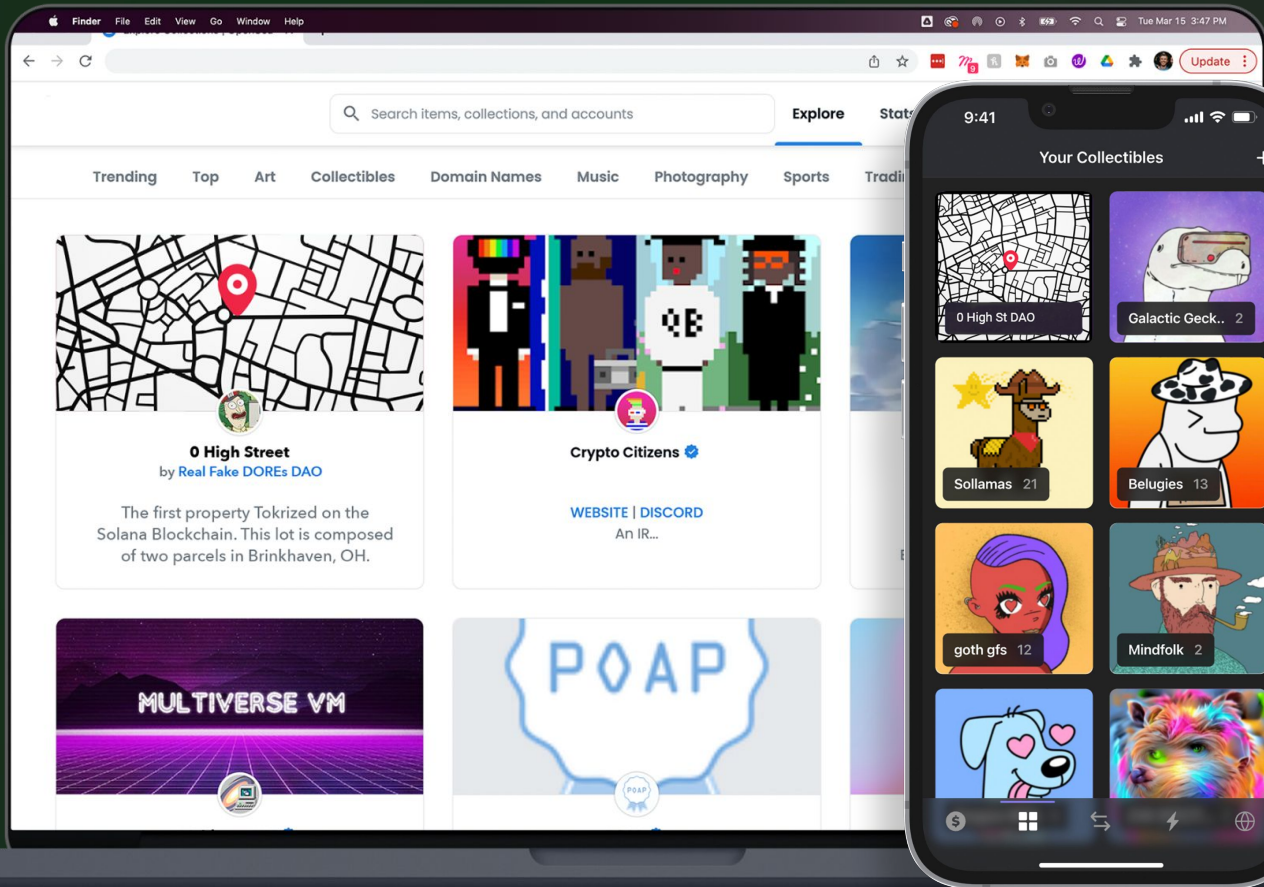
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 **rNFT Market**
by Tokr_

Dashboard

rNFT Store

DAOs

DeFi

Search anything here

DeFi Market

Main rNFT Pool rNFT Solana rNFT MAX rNFT Miami

rNFT Pool Overview

Main Pool	Total Borrow	Total rNFT Value	Total rNFTs
\$3.539M USDC	\$410,027.50 USDC	\$4.115M USDC	7

Asset name ↓	LTV ↓	Valuation ↓	Supply APY ↓	Total borrow ↓	Borrow APY ↓
Solana Beach rNFT \$52.83	50%	409,440 \$51,977.32	4.15%	25,751 \$42.38	4.15%
RealFakeDores rNFT \$12.00	75%	80,302 \$58,380.30	4.00%	86 \$6,880.57	4.00%
Port Royale rNFT \$8.55	75%	20,500 \$49,108.30	4.75%	1,837 \$25,837.00	4.75%
Columbus REI rNFT \$31.30	80%	103,073 \$302,082.01	5.125%	33,073 \$43,073.00	5.125%
SunDestin rNFT \$1.98	65%	390,038 \$108,028.37	7.15%	1,408 \$1,801.93	7.15%
EastTN rNFT \$2.79	75%	8,048 \$21,038.58	6.55%	703 \$299.85	6.55%
Flint&Barlow rNFT \$11.20	75%	405 \$81,558.86	4.50%	15 \$160.40	4.50%

Collateral Position

Details

Collateral value	Borrow util.
\$346,872.82	24.3%

Borrow Balance

\$103,203.50

Borrow Limit

\$115,038.26

Liquidation Thresh.

\$160,300.00

Assets Borrowed

Details

SOL (2.05%)	Balance
\$817.80	5.0 SOL
	\$400.89
USDC (1.15%)	Balance
\$10.01	50.005 USDC
	\$50.01

Wallet Balance

Details

SOL	Balance
\$802.50	7.239 SOL

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Proof of Concept

DeFi + Real Estate NFT (rNFT)

Real estate purchased by DAO

- 0 High Street Brinkhaven, OH was purchased by the Real Fake DOREs DAO on March 15, 2022.

Minted rNFT and deposited into treasury

- Ownership of the property was Tokrized on March 16, minted as an rNFT and deposited into the Real Fake DOREs DAO treasury account.

Fractionalized rNFT and Distributed Tokens

- DAO members received fractional shares of the rNFT.

Collateralized rNFT

- The rNFT was deposited as a collateral asset in a Tokr Market, locked in an Escrow Vault, and used to borrow USDC.

Key takeaway:

- This proof of concept demonstrates that DAO owned real estate can be represented as rNFTs and financed by DeFi markets on the Solana Blockchain using the Tokr Protocol.

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Demo Loading...

Date: March 17, 2022

Protocol Website: <https://tokr.finance/>

Code: <https://github.com/orgs/TOKR-labs/repositories/>

Documentation: <https://tokr.gitbook.io/tokr-main-docs/>

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Proof of Concept

Tokr is an open-source platform that:

- 1 Forms DAOs that acquire real estate through LAOs
- 2 Mints NFTs representing real property ownership (rNFTs)
- 3 Transfers ownership of real estate off-chain by transferring rNFTs on-chain
- 4 Distributes fractional ownership equity tokens to DAO members
- 5 Establishes programmatic and decentralized markets that accept rNFTs as collateral (DeFi for real estate)
- 5 Empowers others to build custom applications with unique use-cases and experiences (including other asset types)

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Proof of Concept

Composability

W web3auth



METAPLEX

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Solend



SOLANA

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Solana Riptide

tokr_ Team



calvincooper.sol



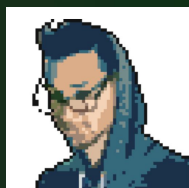
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slomp.sol



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Jordan Hamm

Join us!

Help decentralize real
estate finance



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