



**EPPLEX**

A protocol for ephemeral epNFTs

It is currently impossible to  
set an **expiry date** on NFTs

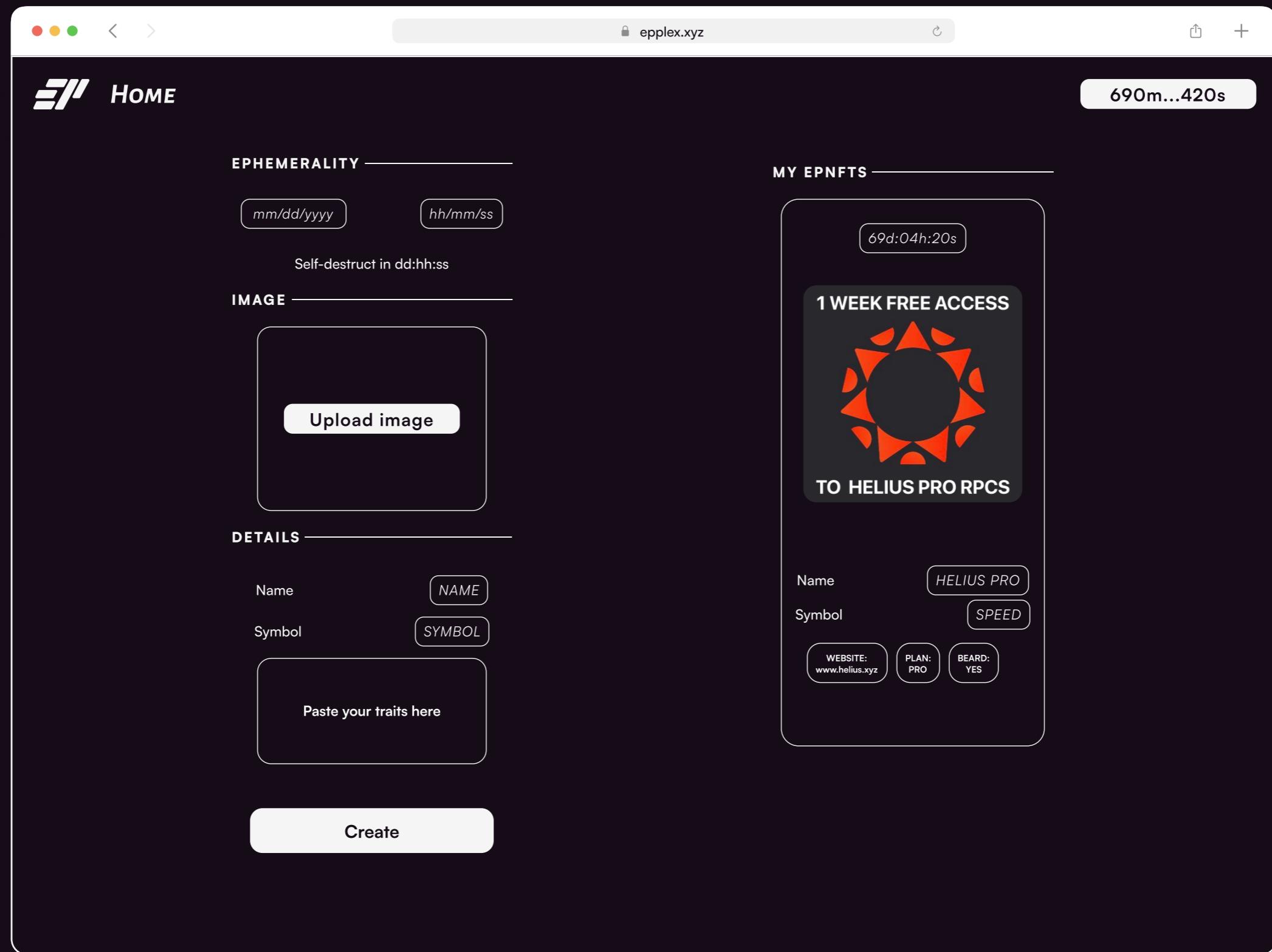
Enter a new standard:

self-destructing,  
ephemeral epNFTs

**epNFTs self-destruct  
permissionlessly given  
a creator-set  
**Destroy Timestamp****

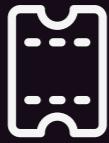
# Demo

For demonstration, a no-code epNFT creation UI has been built: <demo>



# Why is this needed?

epNFTs empower a new frontier of NFT use-cases



## PROMOTIONS

Limited-time discounts, tickets, access to services



## GAMES

Games that require self-destruct mechanisms



## SOCIAL MEDIA APPS

NFTs as Snapchat photos, Instagram stories etc



## PERFORMANCE ART

Artists looking to deliver ephemeral experiences

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# An Infrastructure Public Good

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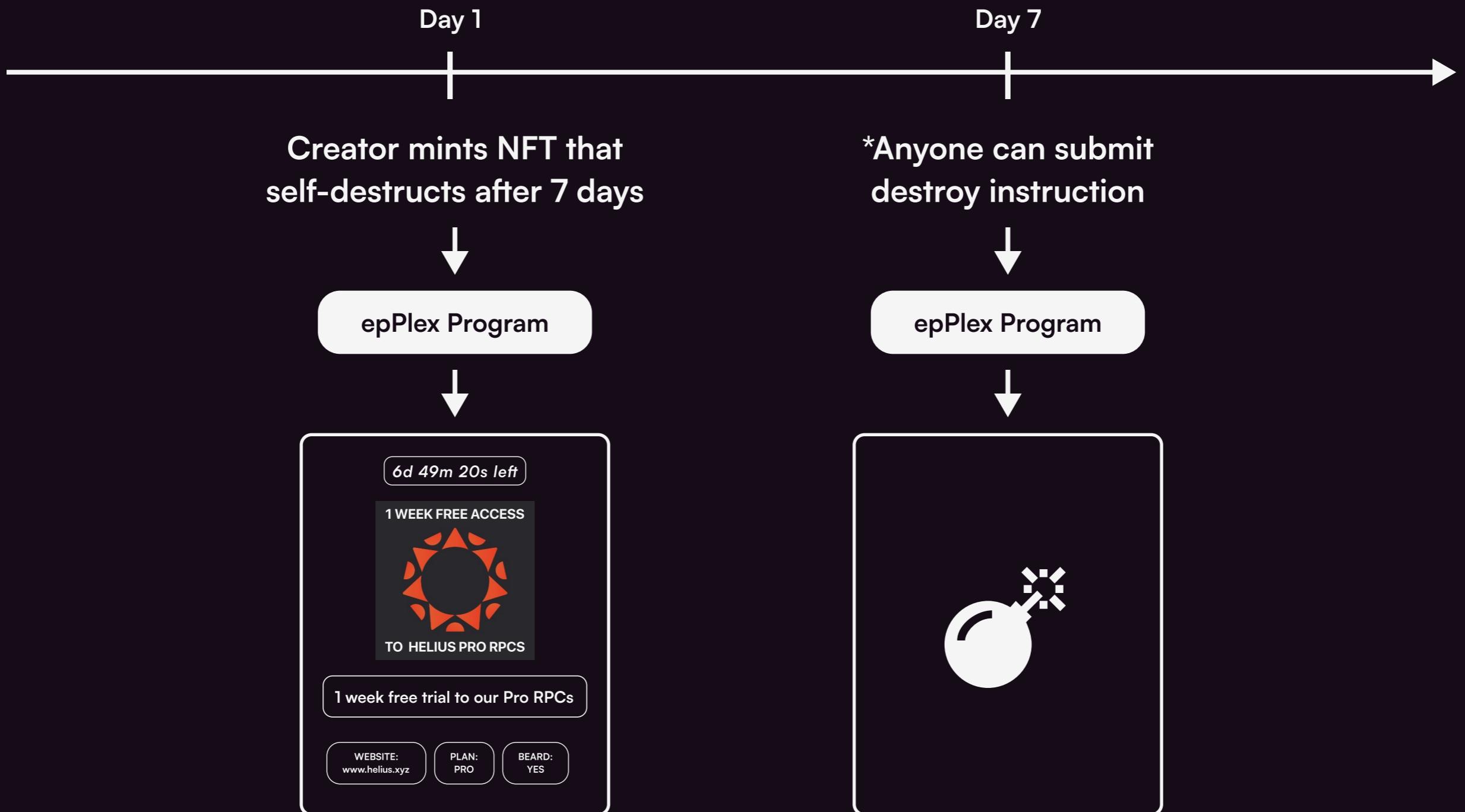
An open-source Infrastructure Primitive &  
Public Good using  
**Token2022 & METAPLEX**

*Only Possible on Solana*

# Technical Overview: How it works

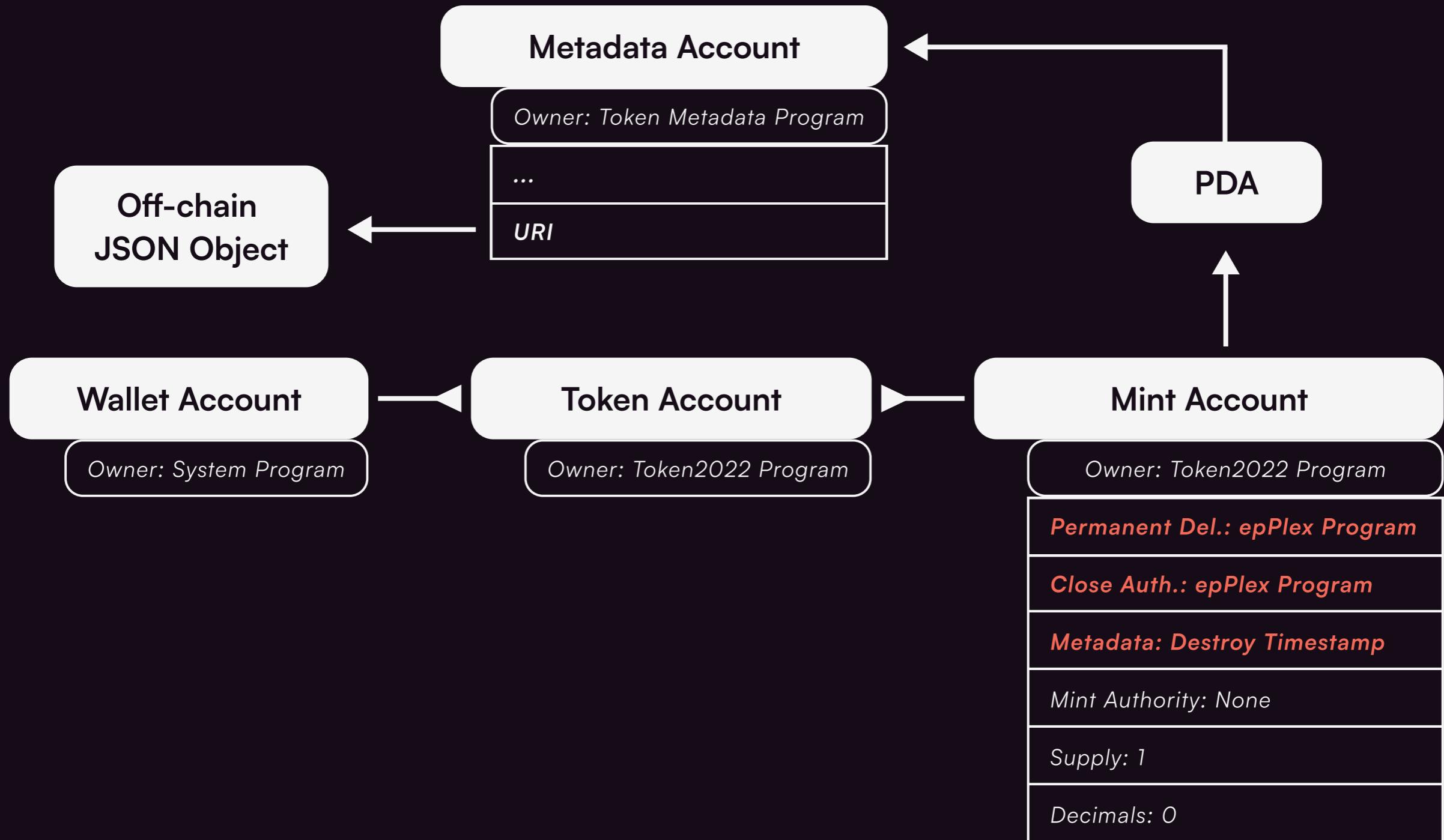
Anyone can invoke destroy ix on the epPlex Program **after** the Destroy Timestamp

\*No central bot infrastructure needed, since the Destroyer is incentivised to claim NFT rent



# Technical Overview: Structure

For ease-of-use, epPlex leverages composableity of Token2022 & METAPLEX



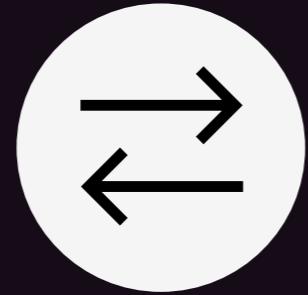
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# Technical Overview: Still an NFT?

epNFTs still maintain all properties of traditional NFTs



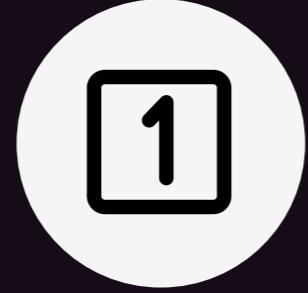
✓ True ownership



✓ Transferable



✓ Authentic



✓ Non-fungible

# Business Case Study

If epPlex was **for-profit** instead of a Public Good

**epPlex has exclusive authority to collect \$0.02 per NFT rent-exemption**

## Opportunity

**5 billion**

Snapchat users create  
5B+ media per day

## Current status

**57 million**

Compressed NFTs  
minted over 8 months

## epPlex

**5 million**

5M epNFTs  $\Rightarrow$  **\$100k revenue** in NFT rent

# Go-to-market

3 strategies for widespread epNFT adoption

## WEB3 BUSINESSES



Partner with web3 business that require time-limited services

## PFP COLLECTIONS



Experimental epNFT collections that engage holders with destroy mechanics

## HACKATHONS



Sponsor hackathons to build novel use-cases using the epPlex SDK

# Integration Partners

Brands are eager to integrate epNFTs to deliver novel experiences



## dReader

Read digital comics for free  
for a limited time-period



## Sphere

Issue epNFTs as dicount  
codes



## Zen Republic

10k epNFT collection to  
partake in a survival game



## Shyft

epNFT holders are eligible  
for extra API Credits



## Stockpile

Time-limited access to  
funding rounds



## SDRIVE

epNFTs as expiring file  
pointers



## IkonShop

eCom. using epNFTs as  
renewable subscriptions



## Phase Labs

Time-limited access to  
NFT-based DAOs

# Traction

The Solana community thinks epNFTs are cool & useful (excerpts from 1st demo)

 <p>F@ursixsix @foursixsix · 2h Yo this is legit. You basically just solved subscriptions on chain.</p>	 <p>vibhu ✅ 💧 @vibhu · 4h Love this</p>
 <p>dReader ✅ @dReaderApp · 4h *adds self-destructable comics to the roadmap*</p>	 <p>Zhe   Sujiko 🍔 ✅ @ZheSolworks · 16h need to build out a week pass to use Sujiko 🍔</p>
 <p>Thomukas1 🤙 🎮 @thomukas1 · 35m Self-destructing NFTs in games?  &gt;have a pet NFT which you need to take care of (feed, clean, play). &gt;you abandon it for 7 days &gt;it dies (nft gets burned automatically)</p>	 <p>buckets   sandbar.io 🌴 ✅ @SOLbuckets this is awesome.</p>
	 <p>Liberty Square ✅ @LibertySquareHQ Love this tech.</p>
 <p>TradeUp.Cards 🍊 🥑 ✅ @CardsTradeup · 2h Nice work. Could see coupons for retail being a big use case.</p>	 <p>owen.sol ✅ 🕵️ @NFTOwen · 2h BURGOOR BOBBB Seriously cool stuff, well done.</p>
 <p>smick ✅ @0xsmick · 5h Bob nice shit! Could you do epNFTs as compressed? The compression is a huge value add for things like wide-scale consumer applications</p>	 <p>Irffan ✅ @IrffanAsiff · 4h this is awesome</p>
 <p>Saumya Saxena ✅ @Saxenasaheb · 3h This is epic! Trials, offers, discounted pricing based tiers so many applications here.</p>	 <p>Quetzal   Lancer 🗡️ 🍊 ✅ @Lancer_Q · 3h Huge</p>
	 <p>bunjil ✅ @bunjil · 11h can you mint NFTs that expire?</p>
 <p>hodl ✅ @HODLsolana · 2m LFG!! I want my art to self destruct!</p>	 <p>Jack @theblackjvck · 4h so creative man - cant wait to try it!</p>

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# Team

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## Burger Bob

 [burger606](https://twitter.com/burger606)

Built Solana's burger lottery

Member SuperteamDE

MSc Comp Sci

# Roadmap

epPlex MVP

Build SDK for developers

Integrate Open-Clockwork

Integrate with METAPLEX

Integrate state-compression

Event-based ephemerality

Immutability



It is currently **impossible** Only Possible on Solana  
to set an expiry date on NFTs

🌐 [www.epplex.xyz](http://www.epplex.xyz)

🐦 [@epplex\\_xyz](https://twitter.com/epplex_xyz)

🐱 [github.com/epPlex](https://github.com/epPlex)