



EP PLEX

A Protocol for Bringing NFTs to Life

1st place Crypto Infrastructure Track
(Solana Hyperdrive Hackathon)

Problem: “NFTs are X!”

“A SCAM”

“A BUBBLE”

“USELESS”

“GAMBLING”

DEAD ON ARRIVAL

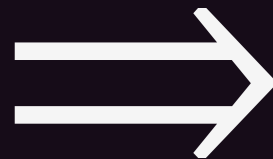
— Solution: Bring your NFTs to Life —

A protocol that allows creators to
program your digital assets based on
Trigger conditions

Ethereum/JavaScript for NFTs

NFTs

Decentralized
static assets



epPlex NFTs

Decentralized
programmable assets

Trigger-enabled expiration NFT

If **X** = NFT has expired
then **Y** = Burn the NFT

One Trigger, Many Novelties



SERVICES

Limited-time redeemables, memberships



ON-CHAIN GAMES

Seasonal items, daily rewards



SOCIAL MEDIA APPS

NFTs as Instagram Stories

Other Specific Triggers

FINANCIALIZED GAMES



X = Player dies in on-chain Squid Game

Y = Burn NFT to eliminate player

ECOMMERCE/REWARDS



X = Item purchase has gone through

Y = Update NFT with loyalty points

NFT-FI BORROW/LENDING



X = Loan has not been repaid

Y = Transfer NFT to new owner

Triggering Revenue w/ Mint Fee

	Standard NFTs	Compressed NFTs	epPlex NFTs
Revenue	\$20M	—	\$100k
NFTs Minted	34M	75M	2M
Mint Fee	\$0.6	No Fee	\$0.05

Go-Trigger-Market

PFP Collections

Create meta-defining NFT social experiments & dynamics. E.g. burn NFT for misbehaviour.

Financial Mini-Games

Airdrop time-limited participation NFTs to compete in prize-pot based online games.

Web3 Businesses

DeFi protocols for loyalty NFTs. Infra. services for discounts. DAOs for time-based memberships.

Hackathons

Empower builders to create novel use-cases.

The Internet Became Triggered!

Responses from my initial expiration NFT demo:



F@ursixsix @foursixsix · 2h

Yo this is legit. You basically just solved subscriptions on chain.



dReader @dReaderApp · 4h

adds self-destructable comics to the roadmap



Thomukas1 @thomukas1 · 35m

Self-destructing NFTs in games?

- >have a pet NFT which you need to take care of (feed, clean, play).
- >you abandon it for 7 days
- >it dies (nft gets burned automatically)



TradeUp.Cards @CardsTradeup · 2h

Nice work. Could see coupons for retail being a big use case.



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



Saumya Saxena @Saxenasaheb · 3h

This is epic! Trials, offers, discounted pricing based tiers so many applications here.



hodi @HODLsolana · 2m

LFG!! I want my art to self destruct!



vibhu @vibhu · 4h

Love this



Zhe | Sujiko @ZheSolworks · 16h

need to build out a week pass to use Sujiko



buckets | sandbar.io @SOLbuckets

@SOLbuckets

this is awesome.



Liberty Square @LibertySquareHQ

@LibertySquareHQ

Love this tech.



owen.sol @NFTOwen · 2h

BURGOOOR BOBBB

Seriously cool stuff, well done.



Irffan @IrffanAsiff · 4h

this is awesome



Quetzal | Lancer @Lancer_Q · 3h

Huge



bunjil @bunjil · 11h

can you mint NFTs that expire?



Jack @theblackjvck · 4h

so creative man - cant wait to try it!

Brands Want to Trigger Up

Using expiration NFTs in different ways:



dReader

Read digital comics for free
for a limited time-period



Sphere

Issue NFTs as expiring
discount codes



Zen Republic

10k NFT collection to partake
in time-based survival game



Shyft

epNFT holders are eligible
for extra API Credits



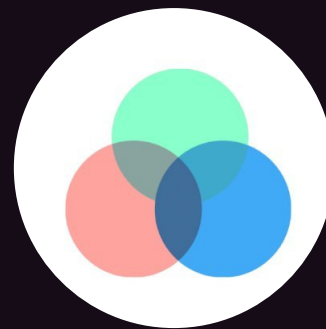
Stockpile

Time-limited access to
funding rounds



SDRIVE

NFTs as expiring
file pointers



IkonShop

eCom. using NFTs as
renewable subscriptions



Phase Labs

Time-limited access to
NFT-based DAOs

— **HOLD UP, LET ME TRIGGIN' COOK!** —



Burger Bob



Solana NFTs since Nov 21

Bootstrapped Solana's burger lottery

Member Solana SuperteamDE

MSc Comp Sci



epPlex is bringing your digital assets to life
through programmability

🌐 www.epplex.xyz

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

🐙 github.com/epPlex