MATTER PROTOCOL

WhitePaper (4 April 2023)

A LabNinety1 Project

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Preface

By now, you're well aware that LabNinety1 starts with the Ninety1 NFT project that is specifically designed to introduce the ecosystem's token, $FLD, into circulation using Twenty6Fifty2 and Ninety1 NFTs as "miners."

Over the period of almost 10,000 days consisting of 10 epochs, the circulating supply of $FLD will reach 100%.

The token contract and staking contract will be renounced, thus delivering a decentralized foundation purposed for building LabNinety1 Protocols.

The fact that the community will determine any valuation of $FLD provides trustless bedrock, further solidifying LabNinety1's commitment to mass adoption of blockchain technology as a means to transact and implement solutions to real world challenges.

It's now time to put it to good use.

Our Flywheel concepts include adding value with every layer.

Matter Protocol is the first of a suite of assets to be introduced into the LabNinety1 ecosystem.

Ninety1 NFTs are needed to circulate $FLD. Matter Protocol needs $FLD. But that's not all it needs.

We brought in a partner.

_-Havoc_8_8, April 2023_

I.   INTRODUCTION TO MATTER PROTOCOL

Welcome.

Matter Protocol is the second layer of the LabNinety1 ecosystem.

Because it uses $FLD, it has no need for a native token.

The project is AI driven, using NFT mechanics to enable users to participate in the ever-imperative search for information.

Matter uses $FLD as the vehicle to engage and has partnered with Thought AI as the ignition. Thought AI technology, though its proprietary Nuances, combined with the back end of Matter through $FLD, fuse in the form of MATR NFTs to search for anything and everything that Matter, or Matter users, ask it to find.

Its scalability is vast and its reach infinite.

MATR NFTs dive deep into Rabbit Holes opened up in Compartmentalized Research Pools. They collect data, get smarter, share information with one another, and can even generate offspring, or clones.

The information retrieved is delivered to the Protocol where it is compiled into the necessary data bundles and delivered through its marketplace to users requesting this information .

Additionally, proprietary requests are part of the assets in the marketplace whereby users may elect to engage Matter for their specific needs.

MATR NFT holders are rewarded based on the quality of information their NFT contributes, whether directly or indirectly involved in the specific Pool.

Allowing MATR NFTs of variable size allows global adoption in that anyone can participate without the need for major investment, breaking down walls otherwise too tall for many to scale.

Scaling up AI engagement through the Protocol, while "scaling inclusion" through ease of access and participation for any user, provides solutions to real challenges bringing us closer to mass adoption.

LabNinety1 has developed its brain. Anyone can use it to explore the unknown – to go find something that matters..

II.   MATR NFT MECHANICS

A.   OVERVIEW

Matter, powered through AI technology developed by ThoughtAI, is an NFT project whereby each NFT has a purpose. That purpose is to learn, gather information, and share information through its Marketplace as well as with other NFTs.

Exploration - Discovery - Development - Production - Reclamation

	Exploration. NFTs enhanced with Nuances developed by ThoughtAI comb and sweep the virtual universe for data based on the criteria set forth by the Matter Protocol. The criteria is compartmentalized such that the NFT holder may choose which Rabbit Hole to go down.
	Discovery. As the NFTs learn and collect data, the NFT stores all of its findings.
	Development. The NFTs, through the delegated Nuances, are able to share data with the Matter Protocol, as well as other NFTs to make them smarter.
	Production. The information gathered is collected for the Marketplace to make available to Users.
	Reclamation. Rewards are allocated to the NFTs based on the quality of information they provide to the Matter Protocol.

B.   MINTING MATR NFTs

Minting a MATR NFT can be done using $FLD, with the purchase price at the discretion of the holder. The minimum size is XXX $FLD, and the maximum size is XXX $FLD.

The User simply uses the "MINT" function on the Matter dAPP, follows the steps to supply the desired amount of $FLD, and approves the transaction in their wallet.

Fees for minting a MATR NFT are fixed at 3%, collected in $AVAX.

Once the NFT is minted, the holder may activate it to put it to work.

C.   ACTIVATING MATR NFTs

As previously mentioned, the AI technology used by the Matter Protocol is powered by ThoughtAI. Holders of MATR NFTs may activate them so they may be deployed for exploration. This is done using wrapped $THT ($THT.a).

The amount of $THT.a required to activate a MATR NFT is directly proportional to the amount of $FLD locked within it. Simply put, equal parts $FLD and $THT.a are required (relative to $AVAX).

Using the dAPP, the holder selects the "ACTIVATE" function and approves the appropriate amount of $THT.a to be locked within their MATR NFT (this is automatically calculated by the protocol). Once completed, the MATR NFT is activated.

Fees for activating a MATR NFT are fixed at 3%, collected in $AVAX.

Example:

A holder creates a MATR NFT with 2,000 $FLD. The current value of $FLD at the time of activation is 500 $FLD per $AVAX, which means the MATR NFT holds four $AVAX worth of $FLD. Therefore, four $AVAX worth of $THT.a is required to activate it. If $THT.a was valued at 800 $THT.a per $AVAX, 3200 $THT.a was used to activate the MATR NFT.

D.   CLONING MATR NFTs
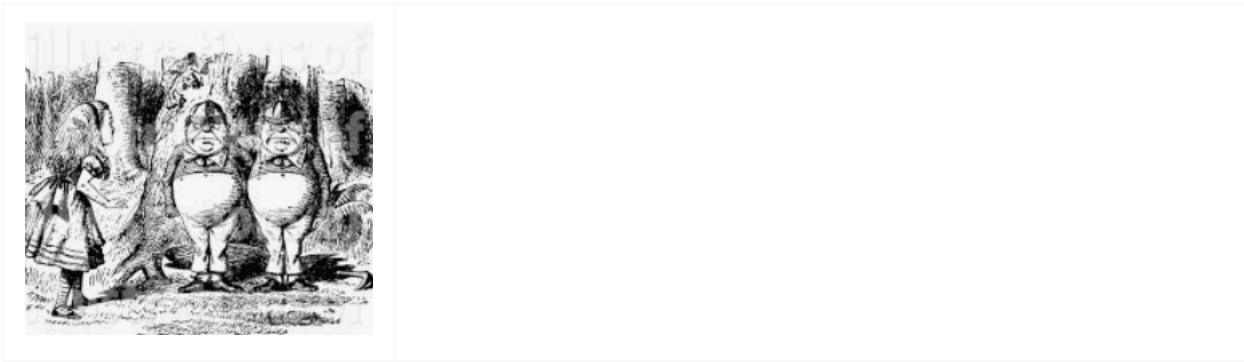
Because MATR NFTs are powered by Nuances using ThoughtAI's technology, they are constantly learning. They are getting smarter.

Just like competition in the real world, some will perform better than others. If the holder of an NFT experiences exceptional performance through one of its NFTs as opposed to another, they may elect to clone it.

This allows for the exact same amount of $FLD and $THT.a to be locked to activate another with the exact same parameters and the exact same intelligence. Essentially, it uses the same "DNA" as the original. They may now put that NFT to work alongside its "parent" or send it in a different direction to participate elsewhere, down a new Rabbit Hole provided by the Matter Protocol. Or even sell it on the Secondary Market.

E.   DEACTIVATING MATR NFTs

If an NFT is not locked in a Rabbit Hole, it can remain idle, or it can be deactivated. Deactivation unlocks $THT.a and is recovered by the NFT holder, delivering it to their wallet

A 5% fee is charged for deactivation, collected in $AVAX.

F.   BURNING MATR NFTs

In the event the holder wishes to unlock the $FLD within their NFT, they must burn it. Upon burning, $FLD is recovered by the NFT holder, delivering it to their wallet.
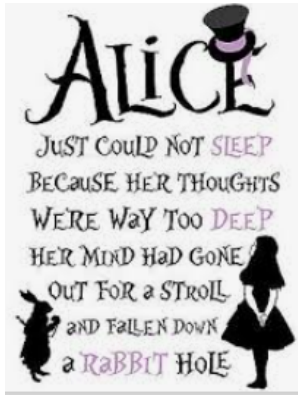
A 5% fee is charged for burning, collected in $AVAX.

III.. RESEARCH POOLS

A.   COMPARTMENTALIZED RESEARCH POOLS (CRPs)

The purpose of Matter is to be in constant search for information and the unknown. NFTs are assigned by the holders to Rabbit Holes within Compartmentalized Research Pools.

Rabbit Holes are added to the Compartmentalized Research Pools (CRPs) by the Matter Protocol based on the following criteria:

Under-served Niche
Trending Topics
Market Demand
Matter Protocol Needs
…and more

"Curiouser and curiouser!...opening out like the largest telescope that ever was!"

There is no limit to the CRPs. The information chain is infinite. Examples of CRPs might include the following:

Finance	Sports and Handicapping
Politics	Broadcast and Music Entertainment
Polling and Marketing	Space Exploration
Statistics	Real Estate
World Events	Travel and Tourism
Cryptocurrency and DeFi	Agriculture
Social Media Trends	Medicine and Health Care
Gaming and GameFi	Weather and Geography

...and more...it's endless.

"It was high time to go, for the pool was getting quite crowded"

B.   RABBIT HOLES

Once a Research Pool is established, the sub-pool, or Rabbit Hole, is assigned a total amount of wrapped $THT ($THT.a) to be committed, which is determined by the Matter Protocol based on the criteria above. Once filled, that Rabbit Hole is closed.

The Rabbit Hole established has a unique purpose and mission, defined and determined by Matter Protocol.

The Rabbit Hole exploration is established by the Matter Protocol for a specific time period. Once expired, that NFT is unlocked and eligible to participate in another.

IV. MATTER MARKET

A. DATA BUNDLES

Reports, analysis, as well as raw data will be available for purchase. The pieces available for sale will be based on the completion of the Research Pool Epochs. Not only will the data from each individual mission be compiled, but because the Matter Protocol retains ALL information, cross-utilization of data becomes possible as well.

In other words, an infinite number of combinations will be able to be executed within the Protocol, and ultimately a custom or refined search will be available for the user as well, suited to their specific needs.

These Data Bundles are one source for Rewards for the NFT holders. If their NFT participates in the collection of any or all of the data collection that is subsequently sold through the Marketplace, a percentage of that sale in the form of Rewards is distributed to the wallet holding the MATR NFT(s).

B. PROPRIETARY RESEARCH POOLS (PRPs)

As with anything LabNinety1 builds, the Protocols are open for anyone to use as they see fit. There may be cases whereby an independent project has specific requirements. Matter Protocol has tools for exactly that purpose.

Proprietary Research Pools, or PRPs, can be requested through the Marketplace, whereby a user submits a request for specific information based on their custom criteria.

Users may mint a MATR NFT for the purpose of activating it within the PRP, or use an NFT they already own.

Or, they may lease one or more NFTs from existing inventory from the individual holder(s). Matter Protocol collects a 5% fee for this service payable in $AVAX. *(See "NFT SECONDARY MARKET" for details)*

Keeping in mind that the Nuances share information with each other, data will be received from other NFTs not engaged specifically for the PRP. When this occurs, those NFTs that participated in the collection of data that benefits the PRP mission will be entitled to a share of the fees collected for the PRP. This is the second way the MATR NFT produces Rewards for the holder.

PRPs are unique in that each use case is different. The business or project requiring information may be for a finite piece, or it may be a perpetual learning tool for their business delivering constant updates for applications within their enterprise. These tailor-made Pools can be sized proportionately using their MATR NFTs, whereby the amount of $THT.a working for them determines the output. And if they so choose, additional NFTs for more output can be added to the Pool for increased performance. It truly is up to the user based on their specific demand.

EXAMPLE 1:

XYZ Marketing Inc. enters into an agreement with a franchise looking to expand, and part of their scope is to attract new franchisee candidates. XYZ works with Matter to design a Pool to find these candidates. This includes regional demographics, competitor franchisee details, entrepreneurial trends based on bracketed age groups, social media dives that find public posts from those looking for a new opportunity, and so on. Matter, together with ThoughtAI, provide XYZ a proposal for the project, including the price for deliverables. XYZ mints a MATR NFT suitable for the tasks, sizes it according to Matter recommendations, and activates their PRP. Once completed, the information is compiled by the protocol, and a detailed list of potential candidates is delivered.

Once completed, the PRP is closed, and XYZ may elect to deactivate and subsequently burn their MATR NFT, thereby recovering their $FLD and $THT.a for liquidation, or they may elect to hold the NFT for future needs.

EXAMPLE 2:

$SPORT is a tokenized handicapping platform. They developed a proprietary algorithm that discovered a relationship between weather patterns and bullpen performance, and as result, have become one of the most reliable baseball handicappers in the business. They use a PRP from Matter Protocol that looks for specific pieces of information on a perpetual basis. Matter delivers data based on their criteria, and this information is used by $SPORT to establish more accurate money lines. Their MATR NFT is in constant use as a tool to feed their algorithm with accurate, up to date information.

C.   NFT LEASING AND SALES

MATR NFTs may be sold on the secondary market if they so choose. As fees have been collected by Matter Protocol for the mint, activation, deactivation, and burn, there is no need for legacy payment. As such, royalties for MATR NFT sales are 0%.

COMING SOON – Leasing and Sales transactions directly in the Market.

V.   REWARDS

Rewards from the Market are distributed as follows: 60% to the NFT holders (proportionate to their contribution), and 40% to the Matter Protocol Operations wallet.

Rewards are distributed in $AVAX.

VI. SUMMARY OF FEE STRUCTURE

Mint with $FLD – 3%
Activate with $THT.a – 3%
Deactivate to unlock $THT.a – 5%
Burn to unlock $FLD – 5%

All fees collected in $AVAX

VII. MATTER PROTOCOL MANAGEMENT AND OPERATIONS

Some of the Management Team will be fully doxxed upon launch of the project. This will be a combination of LabNinety1 team members, ThoughtAI advisors, as well as a team solely dedicated to Matter. Some of the Management Team will remain anonymous at their sole discretion.

Operations expenses are collected through fee volume, and allocated according to the Protocol needs.

The Budget for Operations includes, but may not be limited to:

- ➢ Administration and Management payrolls
- ➢ Technology overhead expenses
- ➢ Subscriptions and Dues
- ➢ Protocol Maintenance and Upgrades
- ➢ Marketing and Advertising
- ➢ Operational Transaction Fees
- ➢ Reward Allocation Transaction Fees
- ➢ Research and Development

Closing Remarks

Anyone may use the Matter Protocol for anything requiring "thought."

It is developed in such a manner that it scales in either direction to suit the needs of the user.

Whether a finite need with a definitive beginning, middle and end, or a perpetual tool used to connect the user with constant data flow. It's up to you to decide how to put Matter to work.

LabNinety1 developed $FLD for anyone to use, and we told you in the Ninety1 NFT WhitePaper that we built it with utility in mind, and adding Matter Protocol on top of $FLD is the next layer.

What is noteworthy is that we are building Matter the same way. Anyone can use it, but LabNinety1 has plans for Matter Protocol as well.

Remember [REDACTED2]? Well, it uses $FLD, adding value to the Flywheel. But here's a little added value. One of Matter Protocol's biggest users will be [REDACTED2]. It can't "think" without it.

I'm hopeful you're starting to see how the Flywheel, as it adds mass and increases velocity, grows forcefully, and will be harder and harder to stop, or slow down for that "matter."

_-Havoc_8_8, April 2023_