



Cats Mafia

NFTRIUM

*The ultimate NFT Collections Generator Platform
on the Elrond Blockchain – Developed by CatsMafia*



nftrium.com

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INTRODUCTION



As the hype in the world of NFTs is in a continuous growth, more and more people are making the transition from investors to creators. But NFTs are still early and the steps that need to be followed to generate a collection require some previous knowledge in the technical area. The ones who do not have this knowledge choose to use tools for automating the process. Currently, there is no available platform for generating NFT collections that provides an end-to-end solution, with zero effort from the user.

Nftrium is a decentralized application which aims to take the NFT generation to the next level.

The purpose of this platform is to offer an end-to-end, easy to use solution for creating an NFT collection based only on the art files. This implies that the only responsibility left to the future creator is uploading the art files, the rest being done by Nftrium.

The outcome will be a collection ready to be minted, not only on marketplaces, but also on any website, as Nftrium will also provide the smart contracts which will run the collections.



CREATING AN NFT COLLECTION: PRESENT



Let us start with what an NFT exactly is. NFTs stand for Non-Fungible Tokens, or more exactly, cryptographic assets on a blockchain with unique identification codes and metadata that distinguish them from each other.

From an art point of view, a collection of NFTs means creating a finite number of elements, which can be organized in layers, in order to build the desired images by shifting the elements between them.

Currently, the most used approach in creating an NFT collection is by using an open-source code, from Hashlips Art Engine. This implies downloading the Javascript code, adding the art under the corresponding layers, setting the desired size of the collection and generating the images and the descriptive JSONs of the collection.

The downside of this approach is that using and building a Javascript code may not be handy for everyone. Also, besides this, you cannot customize the collection if you do not make changes in the code, so you must be satisfied with the outcome of the code, as it currently is.

Supposing you managed to use Hashlips, there is still one more step to be done: you need to mint your collection somewhere. In case you lack blockchain knowledge, you will need to use a secondary market and use their smart contract and pay their fees. In case you want to publish your collection on a website, you are not able to do this without having a smart contract. Nftrium will change this, by offering the possibility to create a smart contract for the collection.

CREATING AN NFT COLLECTION: FUTURE



Nftrium will change the current way of creating NFT collections, by completely automating the process which is done through Hashlips Art Engine now. Moreover, it will not require any technical knowledge, as the operations will be done from a user-friendly UI, instead of modifying a Javascript code. Also, it will take care of the hardest aspect: the smart contract behind the collection, which enables the possibility of minting the NFTs anywhere.

But we will not limit at this level, we will implement additional features which will give the user the chance to control the collection and to make sure it meets the quality standards.

ADDITIONAL FEATURES

Users will be able to customize their collection by controlling the number of appearances of a certain element. Right now, the rarity mechanism of Hashlips Art Engine does not ensure an element will appear exactly how many times you expect it to.

Quality is very important when it comes to art, so Nftrium will use image processing algorithms for detecting and fixing all art errors that are hardly traceable by the human eye. As a result, the collection will meet all the quality standards and will lack common errors, such as empty pixels.

Considering all the new features that Nftrium will bring, it will be the complete and the most complex solution that a creator needs for generating an NFT collection.

NFTRIUM: SMART CONTRACTS



A smart contract is simply a program that runs on the Elrond blockchain. It is a collection of code and data that resides at a specific address on the Elrond blockchain.

An NFT smart contract is a mechanism for implementing a sale agreement between the NFT owner and the buyer. Smart contracts are self-executing and can check that the contract terms have been satisfied, as well as execute the terms without the need for an intermediary or central authority.

NFTs are run by smart contracts, which govern actions, such as:

- Verifying the ownership
- Handling the transferability

There are two ways in which someone can choose to sell their collection, after it is created:

1. By using a Marketplace and using the smart contract of that third party
2. By using their own website and smart contract

Nftrium will offer to the users the ability to issue, setup and deploy the smart contract which will run their collection. The only thing that is needed from the user is the wallet and then, the platform will perform all the necessary steps to have everything in place for selling the collection anywhere.

NFTRIUM FUNCTIONALITIES



In our vision, Nftrium will allow its users do everything they need for having the NFT collection they want, without any prior knowledge needed:

1. Insert and arrange the layers of an NFT
 - Insert each separate layer that composes the final NFT and add a name for it
 - Arrange the layers in the right order
2. Import the art files
 - Upload the art files under the corresponding layer
3. Establish the collection size
4. Establish the rarity of each element in the whole collection
5. Generate and preview the NFTs
6. Create the JSONs that describe each image
 - Nftrium will generate the descriptive JSON of each image
7. Fix common art errors in the images
8. Customize the collection, as per the needs of each user
 - Nftrium will contain additional functionalities that will allow the users customize their collection
9. Setup and deploy the smart contract which will run the collection
 - Nftrium will offer the possibility of minting the freshly generated collection anywhere, by providing a smart contract

ELCAT: THE NFTRIUM FUEL

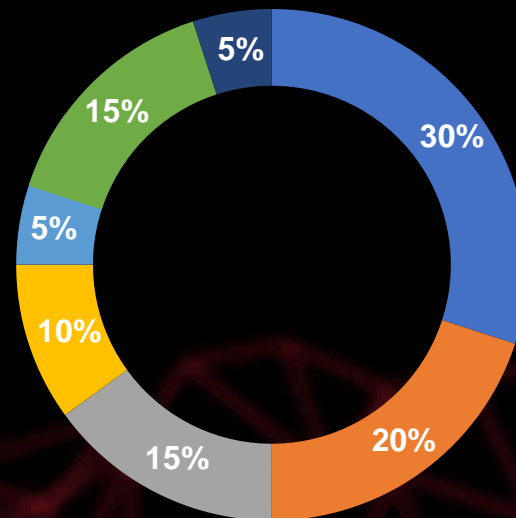


\$ELCAT is the token that fuels Nftrium. The supply is 500.000 ELCAT tokens and it will never be increased.

\$ELCAT will be used on Nftrium and owning it will attract a lot of benefits, which will be presented below.

DISTRIBUTION

The distribution will be done according to this chart:



ELCAT Distribution

- Rewards
- Sale
- Team
- Marketing
- Dex
- Staking
- Reserves

DISTRIBUTION



The supply of 500.000 \$ELCAT tokens will be distributed as follows:



UTILITY



1. ELCAT fees

With the help of Nftrium, creators will be able to mint NFT collections on their website by using a smart contract provided by our platform.

Any transaction on the Elrond blockchain has a fee, which is considerably smaller than on other blockchains. The fees for minting an NFT collection include:

- The fee for registering the collection -> one-time fee
- The fee for minting an NFT

By choosing to mint a collection with the Nftrium provided smart contract, all the above fees will be paid by using \$ELCAT.

2. Staking Rewards

The token owners will have the opportunity to increase their profit by using a complex staking system implemented for \$ELCAT. In the beginning, the early adopters will benefit from a higher APY, which will progressively decrease over time, as the number of people staking \$ELCAT will increase.

3. Discount on Nftrium exclusive functionalities

Nftrium will not resume only to the classic mechanism of creating an NFT collection, it will also come with additional functionalities, for allowing the users personalize their collections. Users who choose to use our customization tools will have discounts if they choose to pay with \$ELCAT.