Uploading NFT Collection Using Web3.Storage (UI)¶

Web3.Storage is an IPFS node operator that can be used to pin data in IPFS.

To begin with, creators are required to create directories that would hold their images and metadata.

These would then be compiled into a single IPFS CAR (Content Addressable aRchive) file that can be uploaded.

Consolidate all images into the/images folder.

This documentation will use sample images for the purposes of explanation.

Uploading Assets to NFT.Storage¶

Pack the assets into a.CAR file or upload each of them manually.

1. Visit Web3.Storage and Click 'Start Storing Now'¶

2. Click 'Upload Files'¶

3. Drag and Drop Your Files As Show¶

The uploaded file can be viewed as shown below.

4. View The Details¶

Click on 'Search my files' or scroll down the page.

Here, the creator will be able to view details such as CID, Status, and more.

The creator can also perform actions like deleting the file or copying the IPFS URL as illustrated below.

Uploading Metadata to Web3.Storage¶

Pack the metadata files into a.CAR file or upload each of them manually.

1. Structuring of the Metadata¶

Note: Steps are same as NFT.Storage.upload Note: Install nodejs in your system sudo apt install nodejs npm -y sudo npm i -g npm@latest sudo npm i -g yarn@latest sudo npm i -g ts-node@latest

Create a nft-upload-project directory

Move your images and metadata folders there

mkdir nft-upload-project cd nft-upload-project

Folder Structure

Project ├—— nft-upload (tool folder) ├—— images (assets/images folder) ├—— metadata (metadata folder)

Install dependencies

Change your directory to script folder

cd nft-upload yarn install

Create an API on web3.storage and Copy that API key

Paste that APIKey in config.js file (web3StorageAPIKey) there.

yarn web3-storage-upload

2. Upload Metadata Files to NFT.Storage¶

Repeat steps 2 through 4 as shown above.

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