

Uploading NFT Collection Using NFT.Storage (Script)

This guide is best suited for creators who wish to automate the process of uploading their NFT assets and metadata using NFT.Storage.

It is particularly useful for collections with a very large number of assets.

1. Get API Key

Head over to the API keys section after signing up for NFT.Storage.

Here, click "+ New Key"

Give a name to this API key.

Now, the creators can view their API key and perform actions such as copying or deleting the same.

2. Install Node.js

Please ensure that all assets are named numerically in a sequential manner.

```
sudo npm i -g npm@latest sudo npm i -g yarn@latest sudo npm i -g ts-node@latest
```

3. Create Project Directory

Create an 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)

4. Install Dependencies

Install dependencies

Change your directory to script folder

```
cd nft-upload yarn install
```

5. Use API

Now, use the API that was created in step 1.

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

6. Run the Script

```
yarn web3-storage-upload
```

Summing Up

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 nft.storage and Copy that API key

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

```
yarn nft-storage-upload
```

[Previous Using NFT.Storage \(without Script\)](#) [Next Using Web3.Storage \(without Script\)](#)