

# Uploading NFT Collection Using Web3.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. Create an API Token

On the [Web3.Storage](#) home page, hover over "ACCOUNT" and click on "Create an API Token".

Now click on "Create your first API token". Alternatively, creators can choose to click on "Create a new API Token" if they have created API tokens before.

Give a name to this API key.

In the example below, the API token has been named "Mantle" for illustration purposes.

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 (web3StorageAPIKey) there.

## 6. Run the Script

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

## Summing Up

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
```

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