# 483.https://stackoverflow.com/questions/70748096/http-api-to-get-the-image-of-an-nft-based-on-contract-and-nft-id

**T:**HTTP API to get the image of an nft based on contract and NFT ID?

**Q:**I have tried many different ideas, but am unable to find how I can get the image of an NFT with an HTTP request. I tried to find an HTTP API that returns the token URI, but was unable to find anything. without the token URI I am unable to find the image on ipfs.

2 **Answer**

**A1:**If you get the "tokenUri" of the NFT and paste it to the browser  
  
 ipfs://tokenUriHERE  
  
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You will see the NFT metadata in a json format like this.  
  
{ "name": "name it", "image": "ipfs://QmR36VFfo1hH2RAwVs4zVJ5btkopGip5cW7ydY4jUQBrKW", "description": "description", "attributes": [ { "trait\_type": "Artist", "value": "value" },] }  
  
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If you get the image URL and paste it to the browser you will see the image.  
  
If you want to write a code to fetch data, just send get request to ipfs://tokenUriHERE get the JSON, retrieve the image and then get the image.  
  
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Or you can use libraries. In javascript, web3.storage  
  
import { Web3Storage } from 'web3.storage'const token = process.env.API\_TOKENconst client = new Web3Storage({ token })async function retrieveFiles () { const cid = 'bafybeidd2gyhagleh47qeg77xqndy2qy3yzn4vkxmk775bg2t5lpuy7pcu' // You can fetch data using any CID, even from IPFS Nodes or Gateway URLs! const res = await client.get(cid) const files = await res.files() for (const file of files) { console.log(`${file.cid}: ${file.name} (${file.size} bytes)`) }}retrieveFiles()  
  
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**A2:**If you're building with React, there's a great library use-nft from spectre.xyz that helps abstract away the inconsistent formatting of NFT metadata to give you the relevant URL for displaying the image.  
  
You can install it with:  
  
npm install --save use-nft ethers  
  
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Before using it, you will have to wrap your app in a provider as shown here but the actual usage is very easy.  
  
function Nft() { const { loading, error, nft } = useNft( "0xd07dc4262bcdbf85190c01c996b4c06a461d2430", // NFT contract address "90473" // token ID ) // nft.loading is true during load. if (loading) return <>Loading…</> // nft.error is an Error instance in case of error. if (error || !nft) return <>Error.</> // You can now display the NFT metadata. return ( <section> <h1>{nft.name}</h1> <img src={nft.image} alt="" /> <p>{nft.description}</p> <p>Owner: {nft.owner}</p> <p>Metadata URL: {nft.metadataUrl}</p> </section> )}  
  
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