

Img8

A gateway for web3 developers and creators to easily get optimized and processed images from decentralized storage networks (IPFS/Filecoin).

Victor Feng

nftvictor@gmail.com

Status Quo

No way to show resized and optimized images in the dApps

- If NFT marketplaces and other dApps want to use the IPFS cid to get images from IPFS/Filecoin, it always gonna return the original one, some of them are very big in tens MBs or even hundreds MBs.
- Bad user experience due to the large images loading, even in the frontend it just need to show a 500 * 300 pixels pic.
- Consuming more mobile data if the users use the NFT marketplaces or dApps in an environment without WIFI.
- May need to clone the images to centralized servers, e.g. AWS S3, Google Cloud, or Azure etc, to increase the user experience and reduce the mobile data usage. This introduced a lot of workloads and pretty error prone to config.

Our Solutions

A gateway can return optimized and processed images to make responsive dApp implementation easy

<http://localhost:3000/ipfs/bafybeigvwlkiqdvfpg3lcmokhh6hn5dnugmcmhztbbbspu74ufo64o56di?h=400&w=300>

CID

- Responsive dApp design made easy
- Resizing and Cropping
- Compression and Performance
- Dynamic Text and Images Compositing
- Faster delivery