THE ETERNAL
WORD OF GOD

– How to host this site on your own IPFS node –

WHAT IS IPFS?

The Interplanetary File System (IPFS) is a peer-to-peer hypermedia protocol to make the web faster, safer, and more open. Similar to a torrent, IPFS allows users to not only receive but also host content. As opposed to a centrally located server, IPFS is built around a decentralized system of user-operators who hold a portion of the overall data, creating a resilient global system of file storage and sharing.

TO LEARN MORE VISIT:

https://ipfs.io/

https://en.wikipedia.org/wiki/InterPlanetary_File_System

WHY HOST AN IPFS NODE?

By hosting an IPFS node on your computer you are storing and relaying any "pinned" or recently visited IPFS content to other users on the network regardless of their geographical location. By giving others access the files on the network you are essentially keeping the network alive and increasing its usability.

The more nodes that come online and host IPFS content the faster and more reliably that content can be fetched by the end user. This feedback loop ultimately leads to the growth of the network.

HOW TO HOST AN IPFS NODE

Below is a list of instructions that will walk you through the process of downloading, installing and running your own IPFS node so that the content you access and pin may be accessible to all users of the IPFS network.

1. DOWNLOAD & INSTALL

At the link below you can find the latest release of "IPFS Desktop". Under the "Assets" section you can download and install the appropriate version for your system.

https://github.com/ipfs-shipyard/ipfs-desktop/releases

2. ADD THE BROWSER EXTENSION

At the links below you will find the latest release of the "IPFS Companion". This extension connects to the locally running "IPFS Desktop" node and exposes selected features to the user. You will need this browser extension to pin an IPFS site to your locally running node.

https://chrome.google.com/webstore/detail/ipfs-companion/nibjojkomfdiaoajekhjakgkdhaomnch

https://addons.mozilla.org/en-US/firefox/addon/ipfs-companion/

3. VISIT THE SITE YOU WANT TO HOST

Almost done! Next just follow the link below to The Eternal Word website where your IPFS companion extension should relay you to the same content running on your local node.
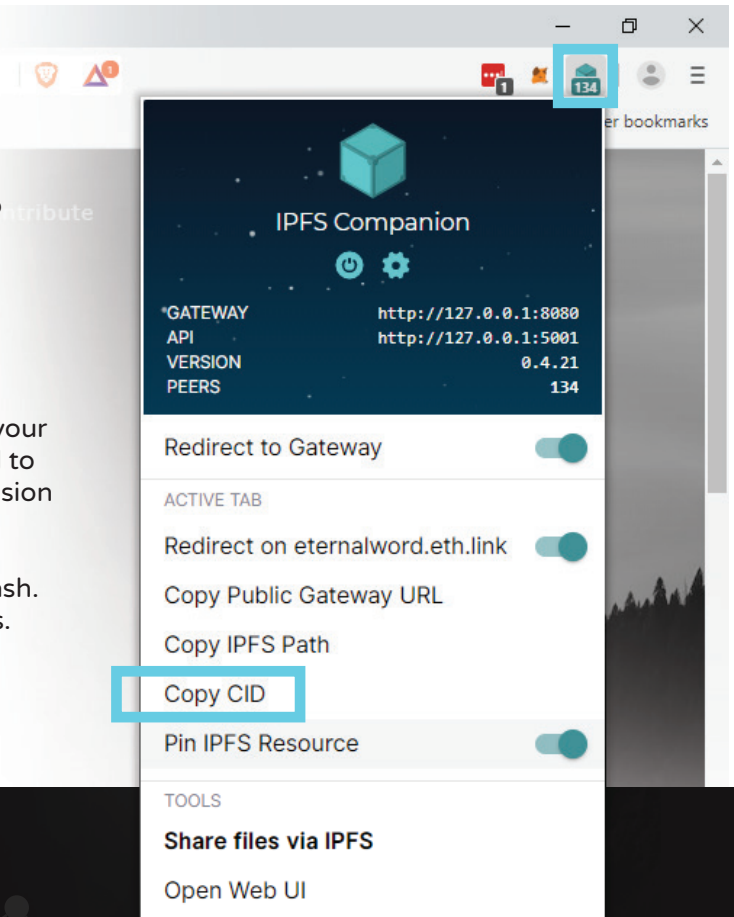
It may take some time for the IPFS website to fully load at first.

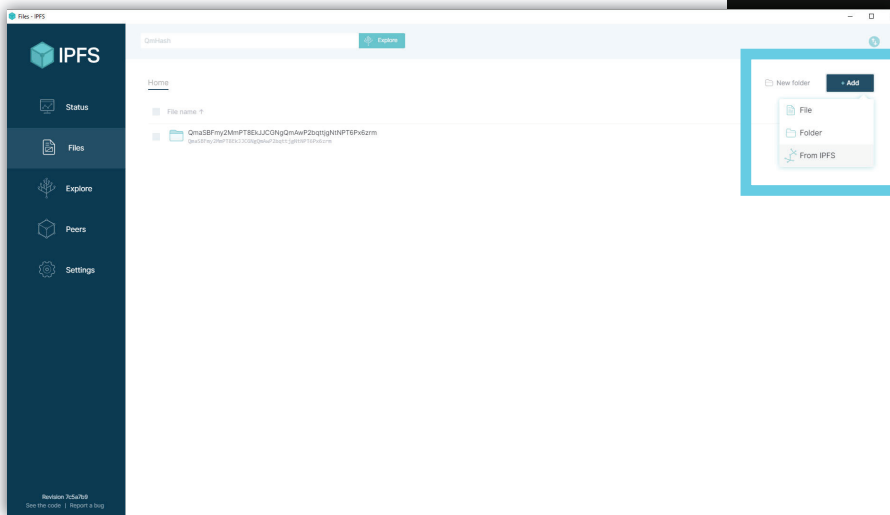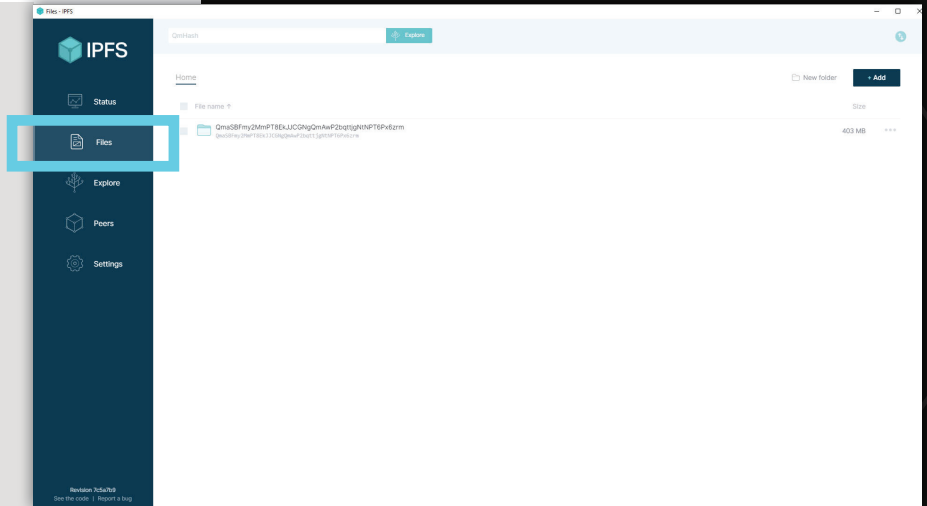http://eternalword.eth.link/

4. COPY THE WEBSITE "CID" HASH

Once the IPFS site you would like to host on your local node has fully loaded then you will need to click on the "IPFS Companion" browser extension icon and find the option to "Copy CID".

Click on this option to copy the Content ID hash. We will past the copied hash in the next steps.
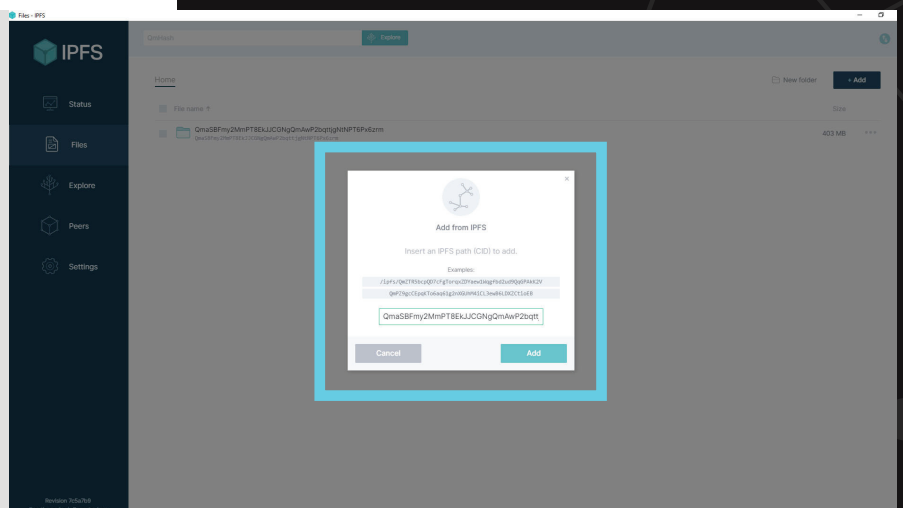
5. PIN CONTENT TO YOUR "IPFS DESKTOP" NODE

After the CID hash has been copied you will then need to open "IPFS Desktop" and navigate to the "Files" section on the left side nav bar.

Once your on the "Files" page click the "+ Add" button and select "From IPFS".

You will see a dialog box pop up asking for the Content ID hash that we copied in step 4.

Take the Content ID hash copied from the IPFS browser extension and past it into the blank field and then click "Add".

DONE!

Now whenever your computer is on and connected to a network you will be hosting content one "The Interplanetary File System" for all to use and enjoy. If you would like you can remove this "pinned" content at any time.

CONCLUSION

Lets help IPFS replace HTTP and build a better web for all of us.