Frame Themes

📅 Calend... | Default
☀️ Weather | Default
✅ Checkl... | Default

node drive

All files
Photos

Trash

< September 2025 >

S	M	T	W	T	F	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

San Francisco
72°

⛅ Partly Cloudy

My List
2 of 5 completed

✅ Buy Milk
⬜ Pay Bills
⬜ Take out the trash
✅ Schedule team meeting
⬜ Go to the gym

+ Add New Task

Press Shift+S for Style Guide

W Classroom Ideas.docx 👥 Jun 6, 2013 DOCX ⋮

Communication Archi... test file 2 30, 2017 ⋮

Conferenc... Oct 20, 2020 ⋮

connec... Dec 2, 2014 ⋮

Drop files to upload them to
🔒 My Drive

Drag anywhere to upload file

node drive

All files
Photos

Trash

Upload   Folders

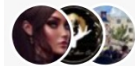## Shared

File 1.txt   Everybody

File 2.txt   Friends

Private

File 3.txt   Share

Use library like Rust dufs or miniserve

When uploading, create a file identifier for each file, which is hash of the content (do this on browser to reduce load on server) → This will make the file permanent (on the p2p network) and verifiable

Research on best way to cryptographically prove timestamp of file upload (ie. using opentimestamp)

Sharing file links

Use IPv6 address for now. We may provide options for domain (node.website)

Option	Pros	Cons
Domain Name	Easy to share, works everywhere, can heal broken links	Centralized, can be censored, requires renewal
IPv6 Address	Decentralized, direct, unique, huge space	Hard to remember, IP changes, no fallback

Sharing files

https://[2001:db8::1]/files/bafybehashhashhashabc123/file 1.txt

https://node.website/files/bafybehashhashhashabc123/file 1.txt

node.website link

PWA – that points to the users server, but is also self-healing if the IP address is broken