

GitHub, Inc. github.com/ipfs/dynamic-data-and-capabilities

GitHub

This repository

Search

Pull requests

Issues

Marketplace

Explore

🔔

+

ipfs / dynamic-data-and-capabilities

👁 Watch 20

★ Star 16

🍴 Fork 1

<> Code

🔔 Issues 17

🔗 Pull requests 0

📊 Insights

⚙ Settings

Dynamic Data and Capabilities in IPFS Working Group

Edit

decentralized

ipfs

crdt

dynamic-data

collaboration

authentication

authorization

acl

Manage topics

📄 4 commits

🌿 1 branch

🏷 0 releases

👤 1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

pgte added soe missing endeavours. fixes #13

Latest commit e9da559 on 25 Jan

📄 README.md

added soe missing endeavours. fixes #13

4 months ago

📖 README.md

Dynamic Data and Capabilities in IPFS Working Group

irc #ipfs-dynamic-data

Research and development of building blocks that enable collaborative applications, providing solutions for security, identity, access control, concurrency, synchronization, offline and near-real-time collaboration on top of IPFS.

Responsibilities include

Research and implement CRDTs on top of IPFS, creating building blocks that can be used by other applications.

Research Cryptographic ACLs (Capabilities Systems) and create building blocks that implement. Apply this research and implementation to products like PeerDad, validating the solutions and defining new problems to be solved.

IPFS Dynamic Data

Lisbon May 2018



Current Endeavours

- Engineering and Product Development:
 - JS libraries for CRDTs (CmRDTs, δ -CmRDTs)
 - Peer-*
 - PeerPad