

USING DSYNC FOR POINT-TO-POINT DAG TRANSFER



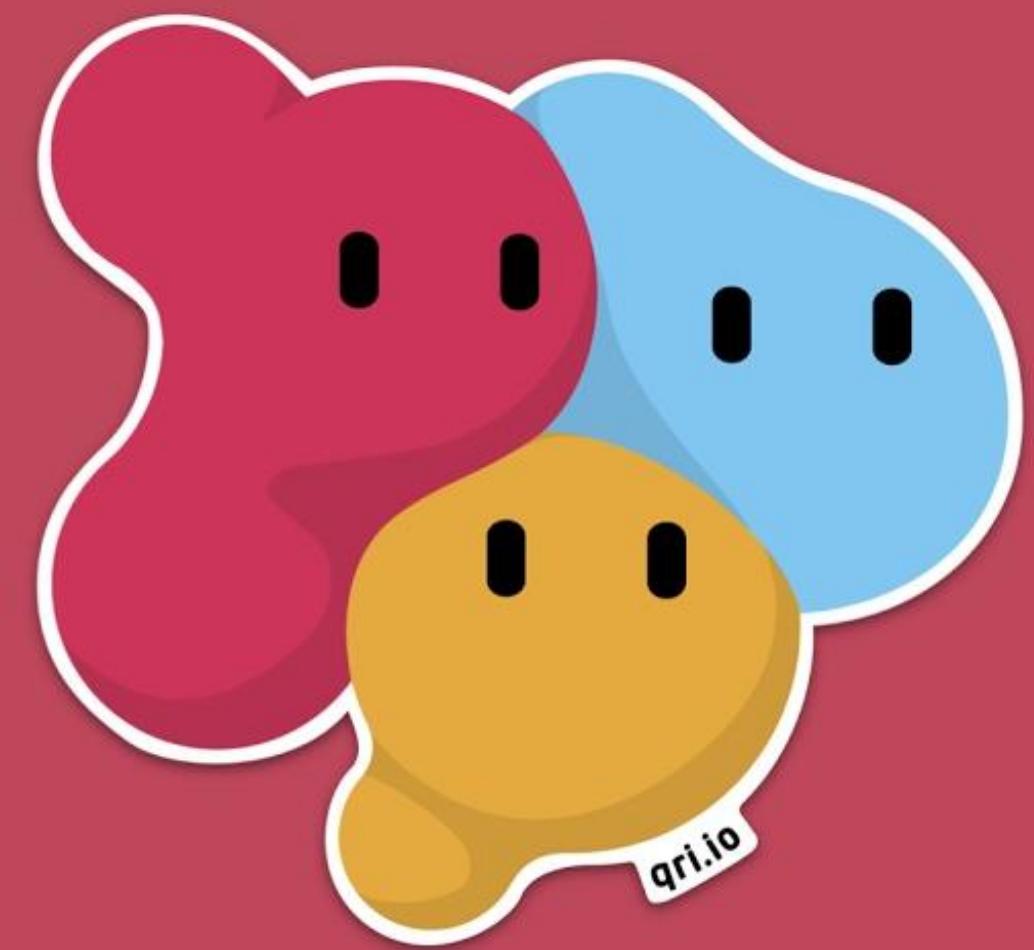
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@b5



dsync

rsync for DAGs

IPFS Camp | June 2019



Use Case:

PUT THIS OVER THERE

Do it fast! Don't ask me how.

Dweb lyfe problems:

Inconsistent Content Resolution Times

Dweb lyfe problems:

***OTH*R*UCK*NG NAT TRAVERSAL**

Solution:

POINT- TO-POINT TRANSFER & SYNC

- Set up the conversation beforehand
- Leverage blocks for sync
- Don't send stuff they already have
- Use multiple send methods if necessary
- Fail early, ideally before sending anything

THIS SHOULD TOTALLY BE AN

IPFS PLUGIN

plugins are dope.

we can write a thin CLI wrapper for now to round things out:

```
$ dsync push [cid] [dest]
```

“put this CID over there”

```
1. #!/usr/bin/python
2. # This is a simple script to demonstrate how to use the Python API
3. # to interact with the OpenCV library.
4. #
5. # The script reads an image from the file 'image.jpg' and displays it
6. # using the OpenCV imshow function.
7. #
8. # Author: [REDACTED]
9. # Date: [REDACTED]
10. # Version: [REDACTED]
```

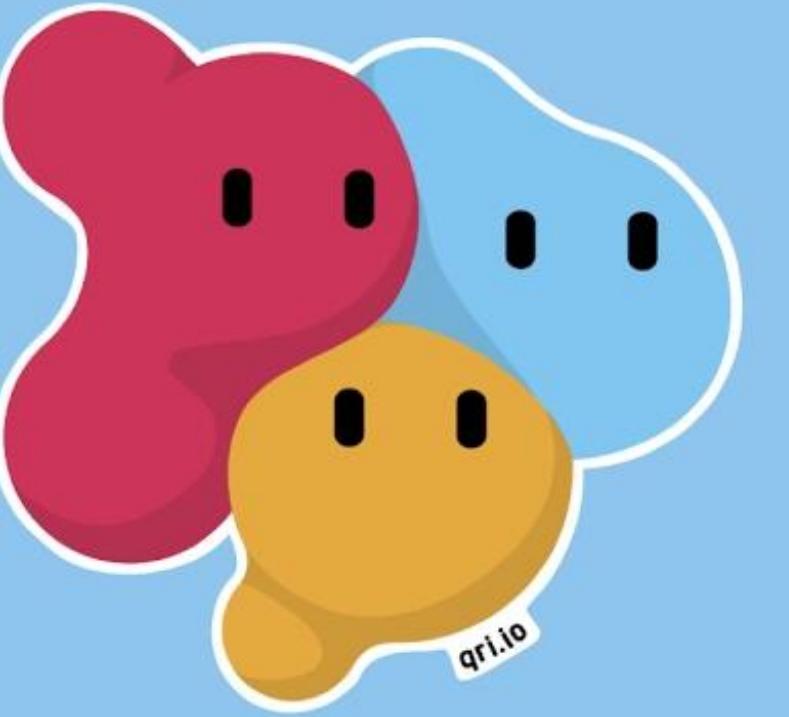
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github.com/qri-io/dag

Working proof of concept. Feedback welcome.

Caveat:

**CURRENTLY REQUIRES
FORKING IPFS**



Thanks!

qri.io

github.com/qri-io