

## Dynamic Data > Challenges Fast Boot / catchup

For a new replica entering the network, replicating the entire history for CmRDTs is not scalable.

- Use consistent snapshotting? How?
- Use ∂-CRDTs instead (and loose implicit op history and authorship)?

IPFS Dynamic Data and Capabilities Working Group

Lisbon May 2018



## Dynamic Data > Challenges Garbage Collection

How does a replica safely compact CmRDT history?