

Bioimage Hackathon, 31.1 → 3.2.2022

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Goals:

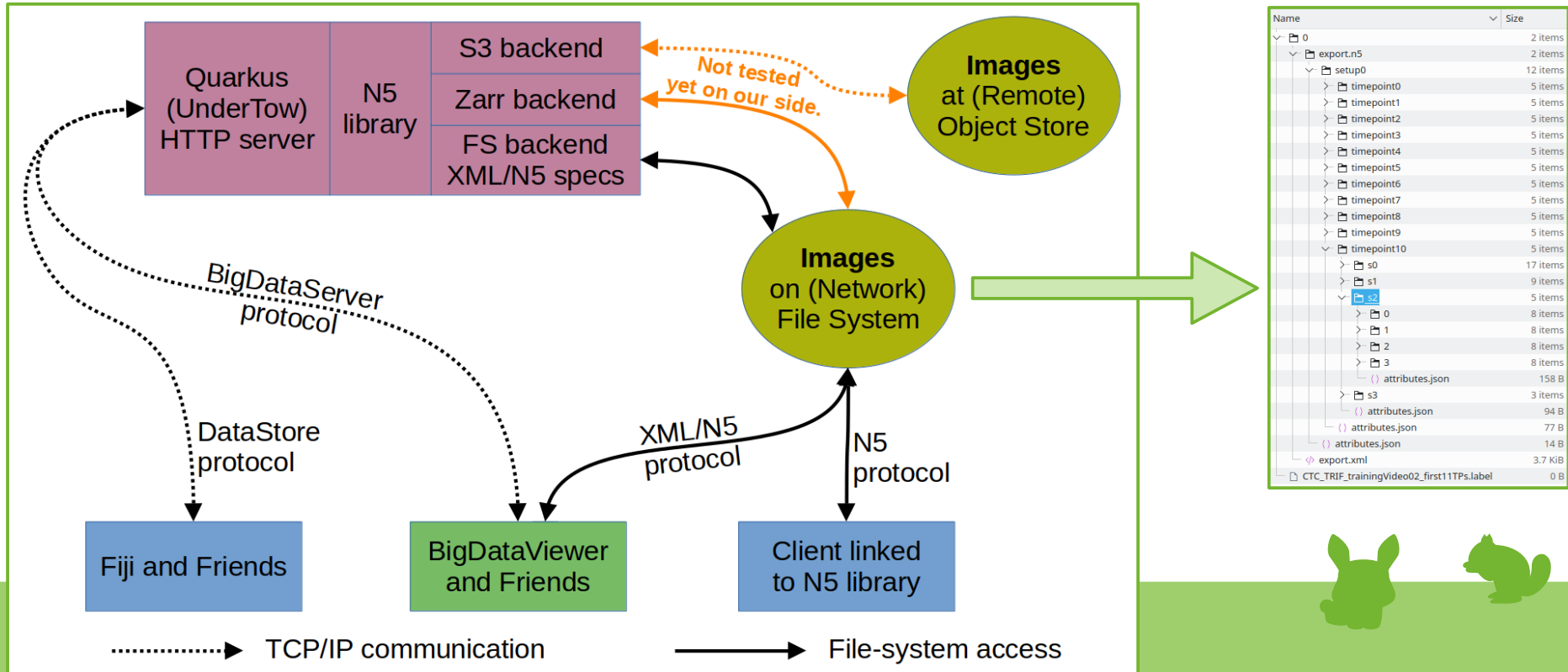
- Update myself about NGFF, OME-Zarr & SW-ecosystem (incl. S3)
- Help where I can... I offer:
 - Work on Fiji full-duplex clients
 - Work on OME-Zarr plugin for BDV
 - Share opinions on transforms ;-)
- Plan B: DataStore “does” OME-Zarr



DataStore

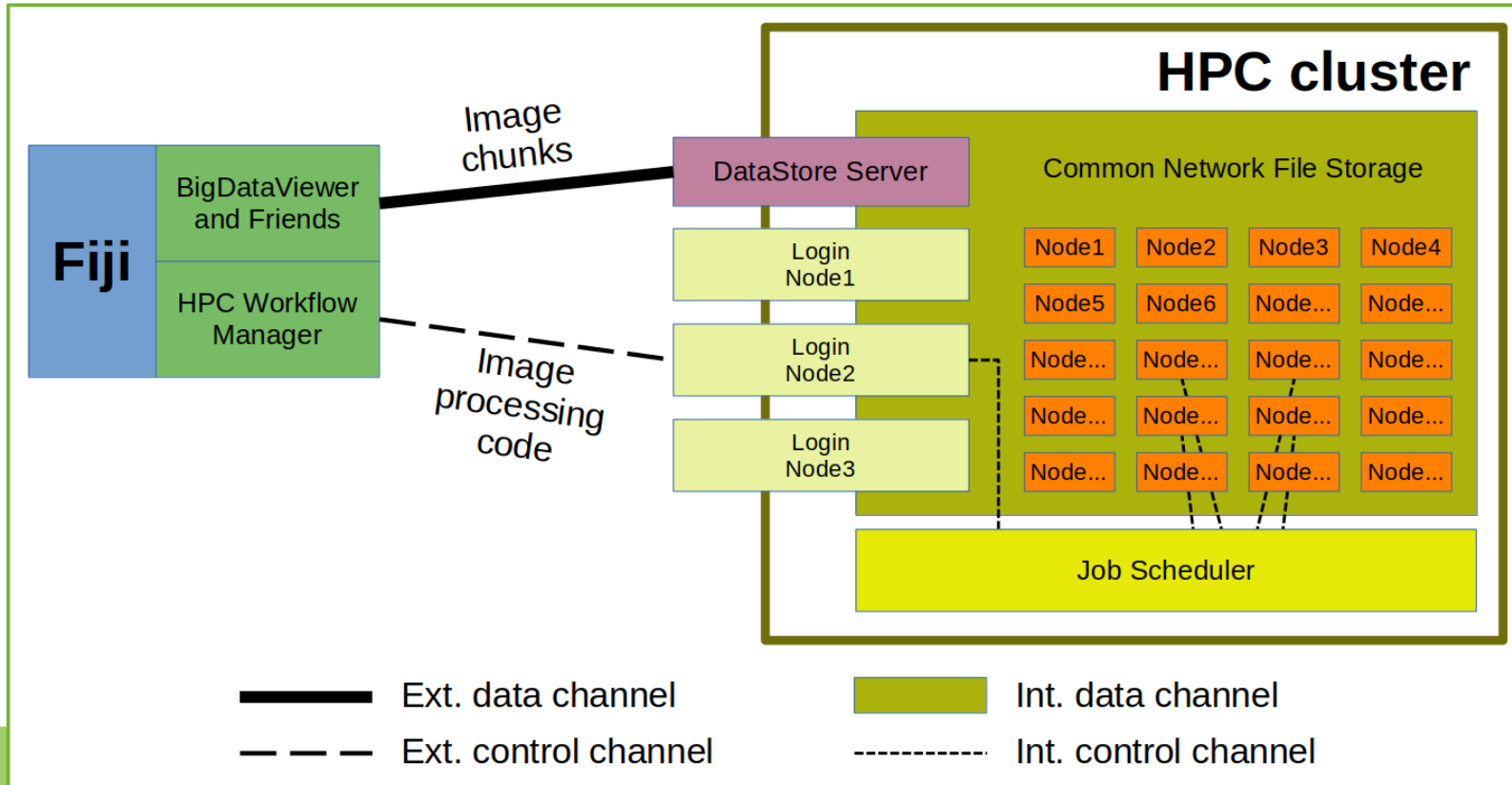
...is a http, oauth2, client-server network layer over N5-BDV

...that does (server-side built) pyramids + (versioned) chunks



DataStore

...because I needed: (for non-crowds remote users)



Not a DataStore hackathon, so...

Goals:

- Update myself about NGFF, OME-Zarr & SW-ecosystem (incl. S3)
- Help where I can... I offer:
 - Work on Fiji full-duplex clients → load/store local/S3 Zarrs from Fiji
 - Work on OME-Zarr plugin for BDV
 - Share opinions on transforms ;-)
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DataStore – not shown slide

<https://github.com/fiji-hpc/hpc-datastore>

Some old
early-days
planning
mockup:

