



Giving Researchers Credit for Data

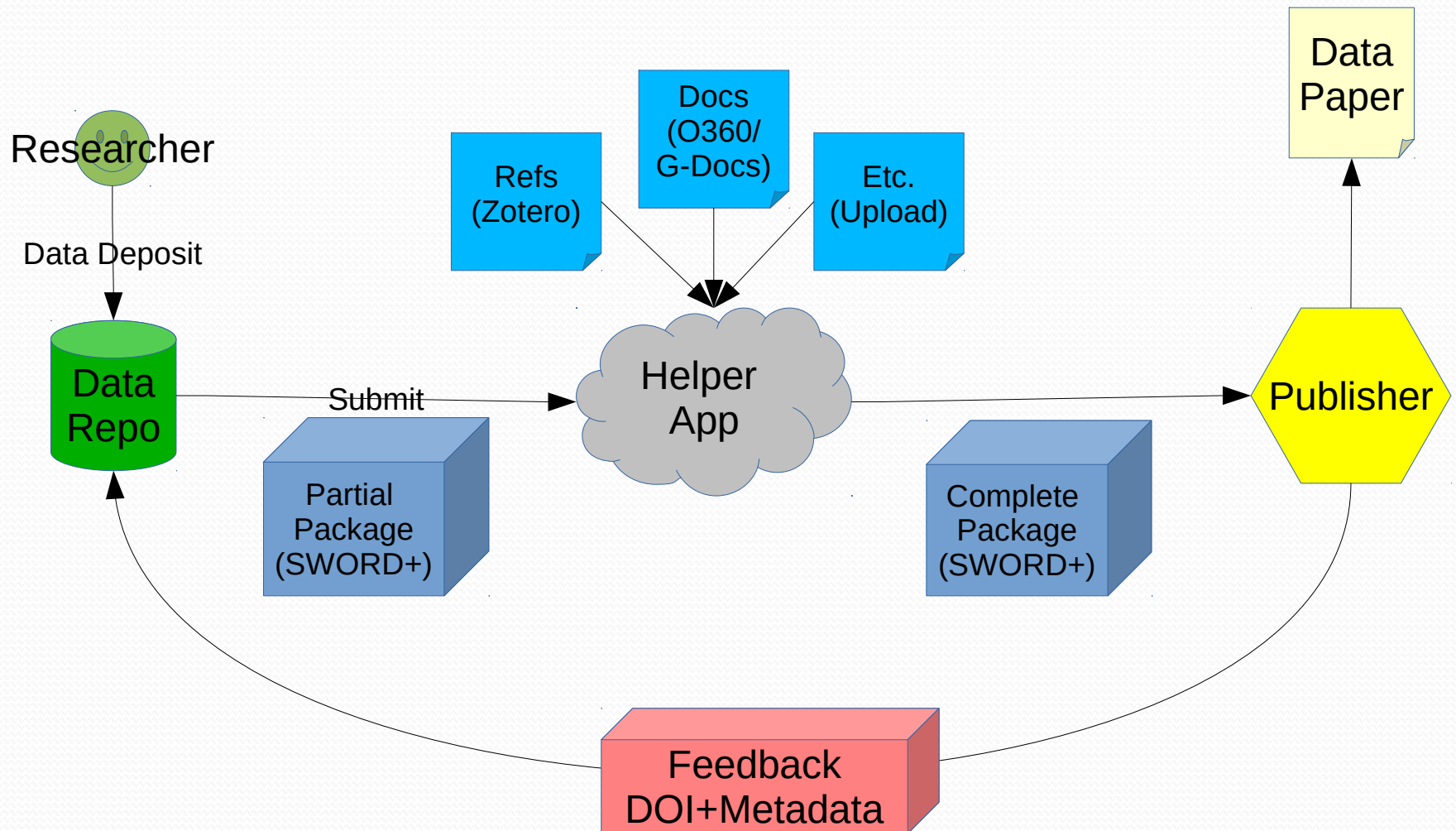
Neil Jefferies, Bodleian Libraries
Thomas Ingraham, F1000Research



“Carrot” for data deposit

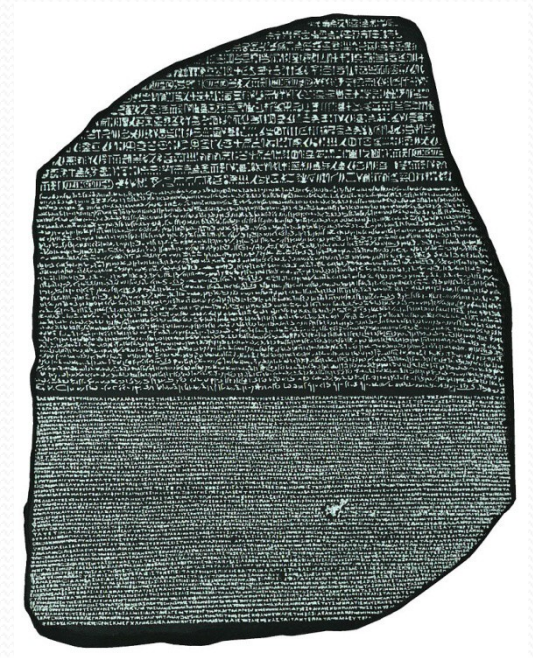
- “Submit data paper” button on repository
- Researcher gets
 - Another publication/citation opportunity
 - (Data preserved)
- Publisher gets
 - More data paper submissions
 - Link referrals from data repositories
- Repositories get
 - More data deposits
 - Better metadata

Schematic



Team

- Repositories
 - Oxford University Research Archive
 - CEDA (Centre for Environmental Data Archive)
- Publishers
 - F1000Research
 - Ubiquity Press (OJS)
 - Geophysical Data Journal
 - Wiley (Fiona Murphy)





Phase 1 - Requirements

- Survey/Analysis of data publisher workflows and data requirements
 - Fiona Murphy
- Gap Analysis between repos/publishers
 - Defines functional requirements of helper app
 - All partners
- Draft protocol spec (augmented SWORD, AtomPub for backfeed?)
 - F1000R, Oxford
 - Review by all partners
- Wireframes for Helper App
 - Oxford/outourced
- 3.5K, 3 months



Phase 2 - Development

- Develop Helper App (internative)
 - Oxford/outourced
 - TDD so test harness is also a deliverable
- Develop Repository Shim (the button) for Oxford
 - Oxford
- Develop Publisher Submission Shim for F1000R
 - F1000R
- Publish final spec
 - Validation suite for packages
 - All
- Identify candidates for trial deployment
 - All
- Trial Deployment and collate feedback
- 40K, 4 months



Phase 2 - Development

- Develop Helper App (iterative, depends on Phase 1 outcome)
 - Oxford/outsourced
 - TDD so test harness is also a deliverable
- Develop Repository Shim (the button) for Oxford
 - Oxford (2 weeks)
- Develop Publisher Submission Shim for F1000R
 - F1000R (1 week)
- Publish final spec
 - Validation suite for packages
 - All
- Identify candidates for trial deployment
 - All
- Trial Deployment and collate feedback
- Up to 40K, 4 months



Phase 3 - Expansion

- Roll out into production
 - Real-life examples for dissemination
- Package Helper App for deployment elsewhere
- OJS, CEDA/GDJ implementations
- Outreach, additional use case development
 - Initial survey gives us a ready-defined “community”
 - Sustainability for helper app (the rest is just specs)
 - Other workflows
 - Joint deposit-submit
 - Backfeed for conventional AAS/Publications
- Further Deployments and collate feedback
- Up to 30K, 6 months