Data2Paper

Streamlining Data Paper Submission

"Carrot" for Data Deposit

Researchers
- More opportunities for citation/impact
- Preservation of data
- Avoidance of submission systems
- Tangible benefit from ORCID

Repositories
- More datasets
- Additional service for users
- Article link refrrals
- Better metadata (aligned with publications)

Publishers
- More efficient submissions
- Better metadata
- Repository link referrals
- Avoidance of submission systems(!)

Funders
- More impact from funding
- Negative results
- Improved reproducibiity
- Preservation of data

What is a Data Paper?

- Focussed on the data rather than conclusions.
- Captures experimental and/or analytical methodologies (data provenance).
- Allows publication of negative results (avoids needless duplication).
- Aid to reproducibility (traditional papers increasingly contain insufficient detail).
- Data and data papers tend to be open.

Project Phases

Feasibiity Study
- RDA Publisher Workflow Analysis
- Datacite and ORCID metadata often sufficient for submission
- Survey Repositories & Publishers
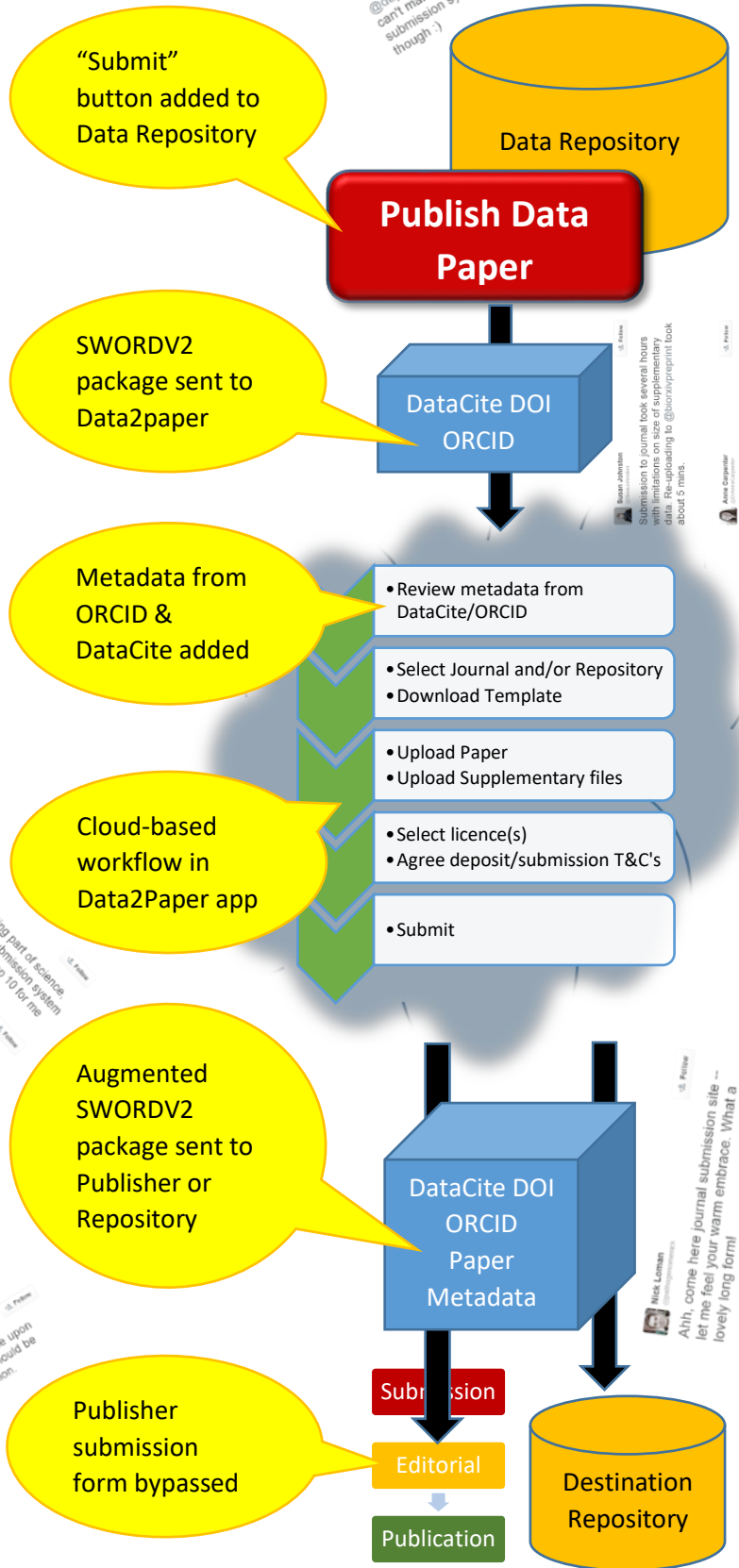- Very positive feedback

Proof of Concept
- Drafted API Specification
- Cloud-based prototype
- Samvera/Fedora platform
- Community building

Prototype
- www.data2paper.org
- UX Review
- Business case/models
- Steering Committee

Now - Production
- Production app
- Partner integrations
- Operational service
- Collateral materials

Workflow diagram:

Data Repository

"Submit" button added to Data Repository → **Publish Data Paper**

SWORDV2 package sent to Data2paper → DataCite DOI ORCID

Metadata from ORCID & DataCite added →
- Review metadata from DataCite/ORCID
- Select Journal and/or Repository
- Download Template
- Upload Paper
- Upload Supplementary files
- Select licence(s)
- Agree deposit/submission T&C's
- Submit

Cloud-based workflow in Data2Paper app

Augmented SWORDV2 package sent to Publisher or Repository → DataCite DOI ORCID Paper Metadata

Publisher submission form bypassed → Submission → Editorial → Publication

Destination Repository

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