



Data2Paper: A stakeholder-driven solution to data publication and citation challenges

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Data, and especially open data, are valuable to the community but can also be valuable to the researcher. Data papers are a clear and open way to publicize and contextualize your data in a way that is citable and aids both reproducibility and efficiency in scholarly endeavour. However, this is not yet a format that is well understood or proliferating amongst the mainstream research community.

Part of the Jisc Data Spring Initiative, a team of stakeholders (publishers, data repository managers, coders) have been developing a simple 'one-click' process where data, metadata and methods detail are transferred from a data repository (via a SWORD-based API and a cloud-based helper app based on the Fedora/Hydra platform) to a relevant publisher platform for publication as a data paper. Relying on automated processes: using ORCIDs to authenticate and pre-populate article templates and building on the DOI infrastructure to encourage provenance and citation, the app seeks to drive the deposit of data in repositories and encourage the growth of data papers by simplifying the process through the removal of redundant metadata entry and streamlining publisher submissions into a single consistent workflow.

This poster will explain the underlying rationale and evidence gathering, development, partnerships, governance and other progress that this project has so far achieved. It will outline some key learning opportunities, challenges and drivers and explore the next steps.