

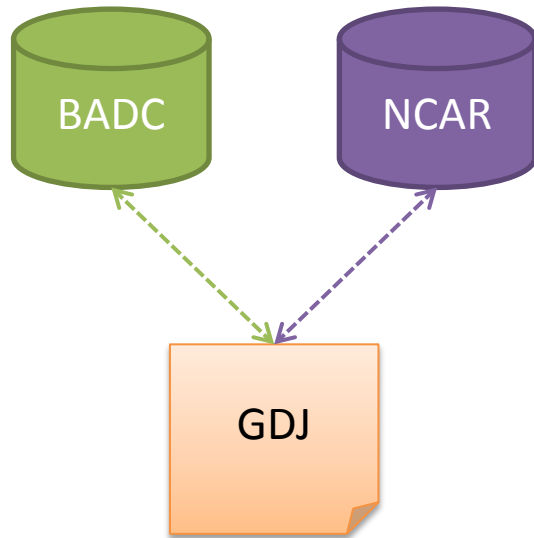
PREPARDE project: Cross-linking Business Case

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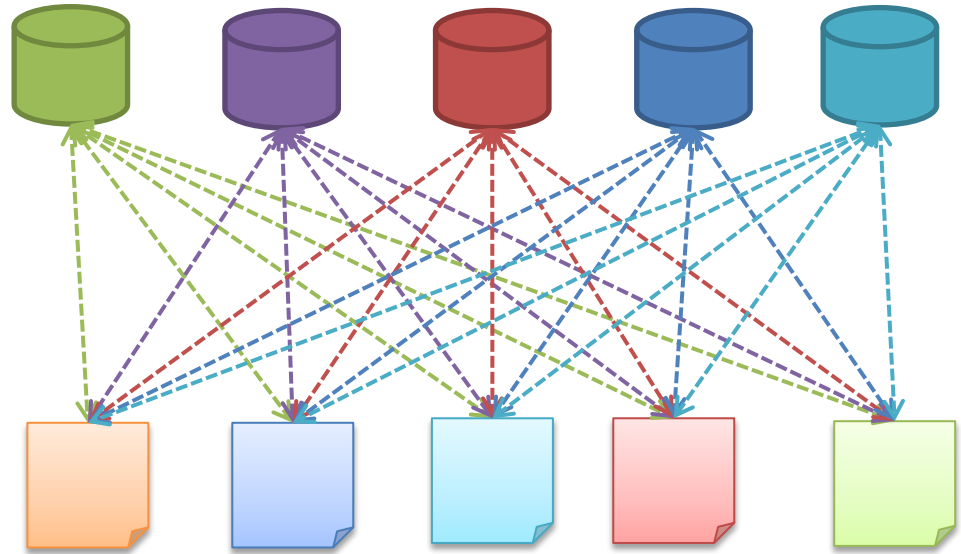
The Postives and Negatives:

- Support re-use, academic credit, progresses Open Science agenda
- Workflow issues, insufficient incentives, lack of agreed standards

Cross-linking



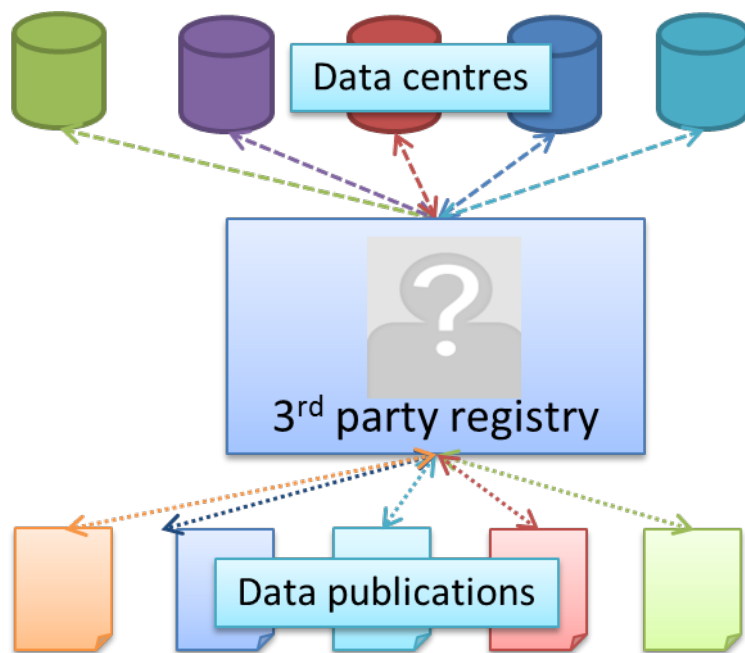
Cross-linking between GDJ and a data repository (BADC/NCAR)



Unfortunately this direct cross-linking isn't scaleable!

Need for off-the shelf solutions that can work across multiple research domains

Cross-linking



But we need everybody!

Prerequisites

- A common understanding of the **value-add** cross-linking affords
- **Rewards and barriers** to future funds and career advancement dependent on compliance or otherwise
- The development of **metrics** upon which real decisions are made
- If it can be shown objectively, **research evidence** to support the additional effort involved (i.e. showing increased impact)
- Widespread **engagement** with research communities
- Opportunities to embed information about both dataset and publication seamlessly into publishing **workflows**
- A **central registry** managing the bilateral links between datasets and publications

For a Sustainable Business Model to be compiled....

- A comprehensive, persuasive roadmap showing clear areas of responsibility in terms of workflow and potential financial outlay should be compiled
- Agreed standards of quality control and metadata collection.
- Agreed standards for 'approved repositories'
- Agreed standard workflows for repositories and data publishers

Proposed Next Steps

- Project team to continue **engaging with thought leaders** within research communities, including learned societies, key research groups, high profile academics involved with policy making.
- Team to remain active within **Research Data Alliance, CODATA and the World Data Service** Working, Task and Interest Groups that are producing recommendations for global action on this and other data publication issues.
- Take every opportunity to work with **funders** (e.g. SIM4RDM, EU CNECT open research data consultation, etc.) to contribute to the case for supportive funding:
- Engage with **CrossRef** regarding the registry. As a non-profit, independent organisation working in an extremely similar space this is the obvious entity to take the initiative forward.