

OAI-ORE for Publishing Workflows

Data Archiving for Journals of the
American Astronomical Society

Tim DiLauro
Digital Research and Curation Center
Sheridan Libraries
Johns Hopkins University

Presentation Outline

- Some Background
- Motivation for the work described here
- Illustrate simplified current workflow
- Describe a possible ORE-enabled solution
- Present rough model of a real article

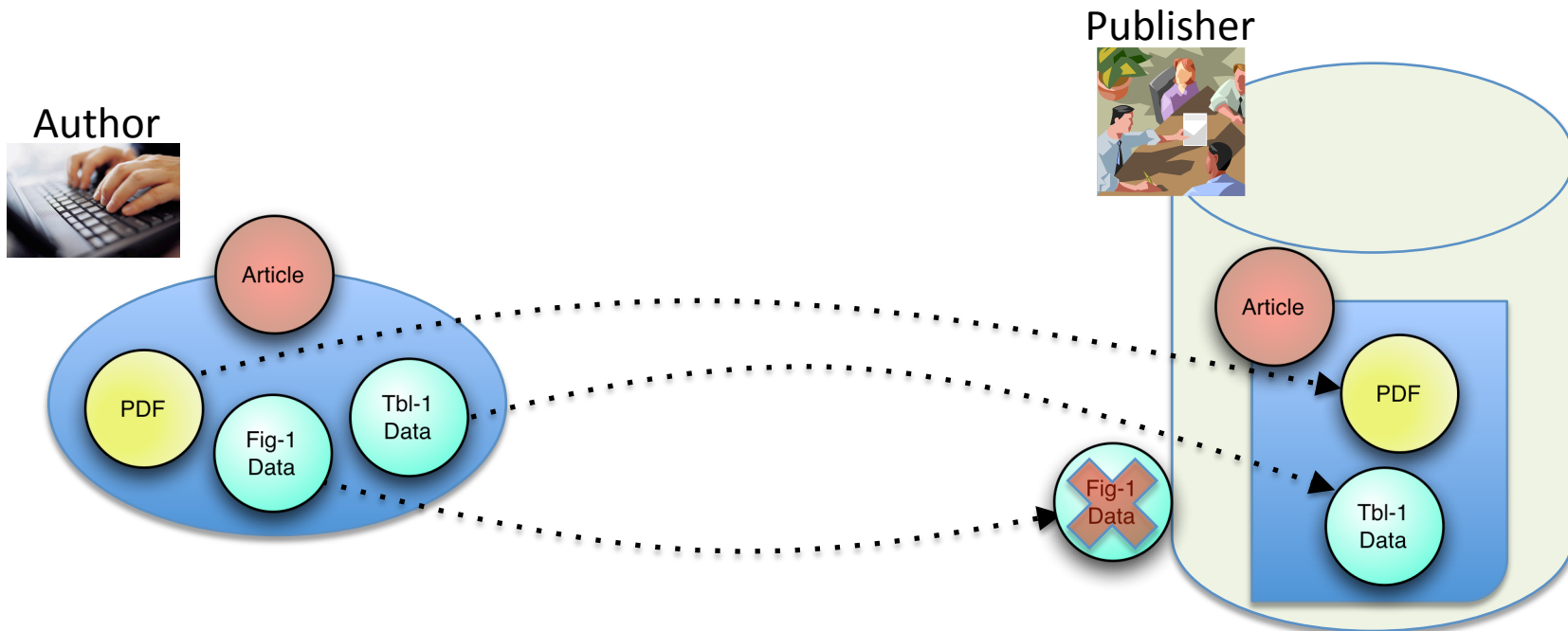
Project Background

- JHU Sheridan Libraries teaming with the NVO and the AAS to capture published data
- Support curation and entrée to preservation
- Stable location for data the journals are not prepared to store permanently
- Provide platform for data services
- Funding from IMLS and Microsoft

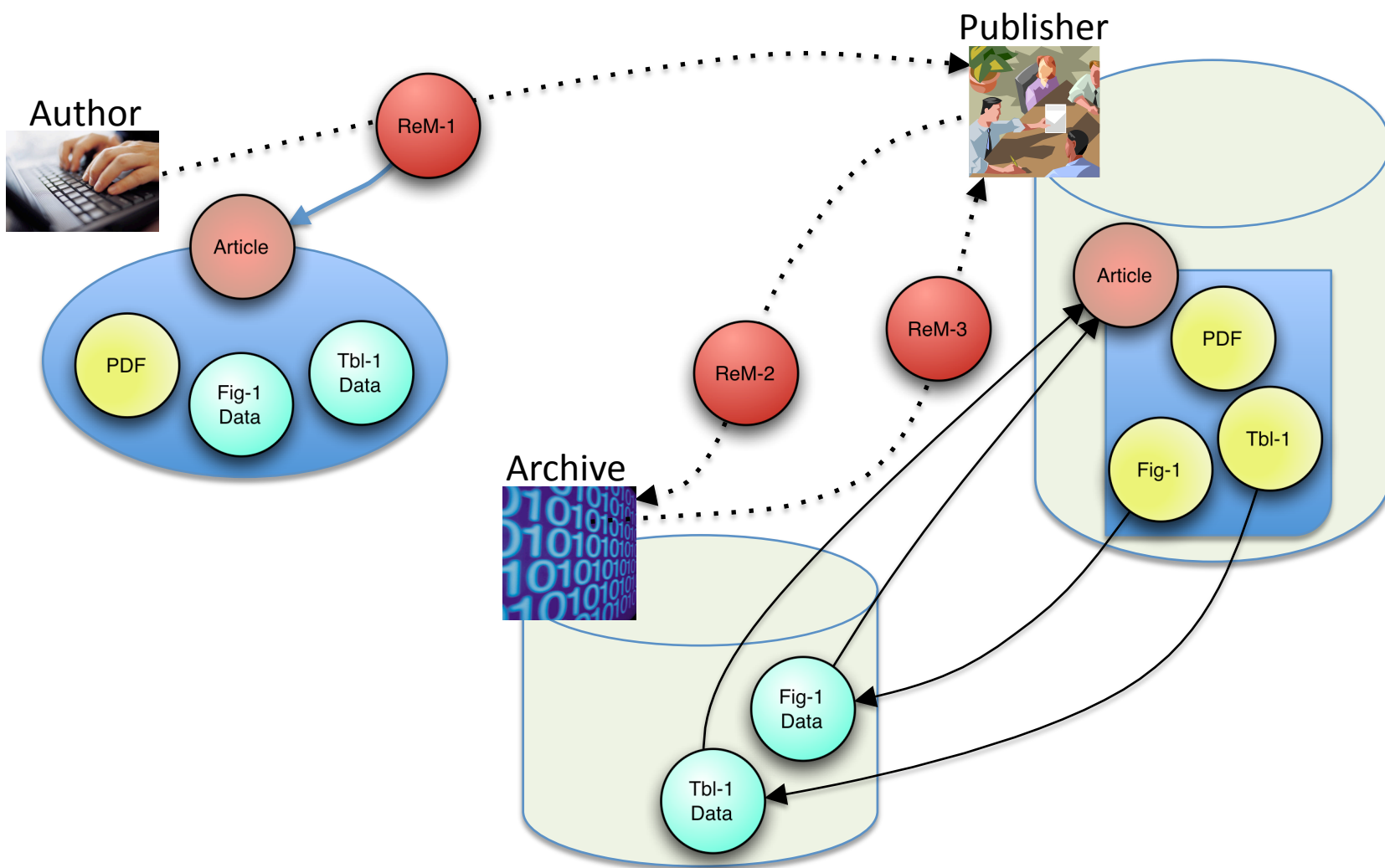
Motivation

- Mandate to integrate data capture with extant workflow for multiple journals
- Need to capture relationships with resources which are not part of a particular article
- Desire to share risk
- Goal of capturing relationships among conceptual objects and web resources

Current Submission Workflow



A More Desirable Workflow



A More Complex Example

