

Connecting components that graph the “new” article

Gerry Grenier
Senior Director
IEEE, Inc.



RMap is a partnership of three research-publishing leaders

- Data Conservancy (Johns Hopkins University)
 - Expertise in management of large data archives from multiple disciplines
 - PI: Sayeed Choudhury
- IEEE
 - Expertise in content management and publishing systems
 - PI: Gerry Grenier
- Portico
 - Expertise in digital preservation, publisher workflow requirements, and existing relationships with 240 publishers
 - PI: Kate Wittenberg

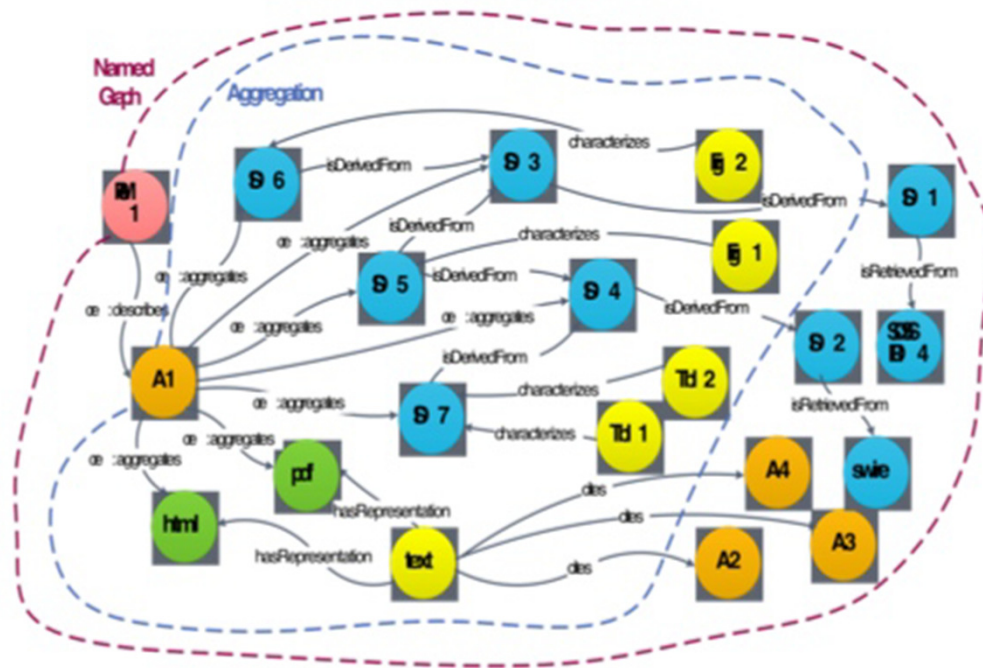


Funded by Alfred P. Sloan foundation

- A two-year project supported by a \$602,000 grant from the Alfred P. Sloan Foundation
- Develop prototype services that build, store, update, and retrieve the connections among publications and data, and preserve those connections over the long-term



Building the article graph



- Graph-based view of connections among publications, data, agents, and their properties
- Many-to-many relationships rather than one-to-one view of current systems
- Tracking and preservation of these connections through the scholarly communications cycle

Work Plan and Deliverables

- Year One—Planning Phase: Gather requirements, create use cases, hold workshop (October 22, 2014 NYC) with stakeholders, refine use scenarios based on community feedback
- Year Two—Prototype Development: Create system to identify, store, update, and retrieve relationships among publications and their data

