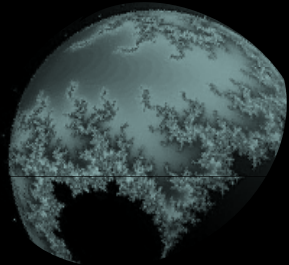


Original Order: Lost In Cyberspace?

Kenneth Thibodeau
National Archives

Center for Advanced Systems and Technology

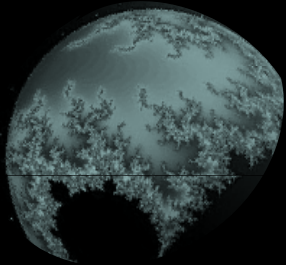
SAA Research Forum 2010



Traditional View of “Original Order”



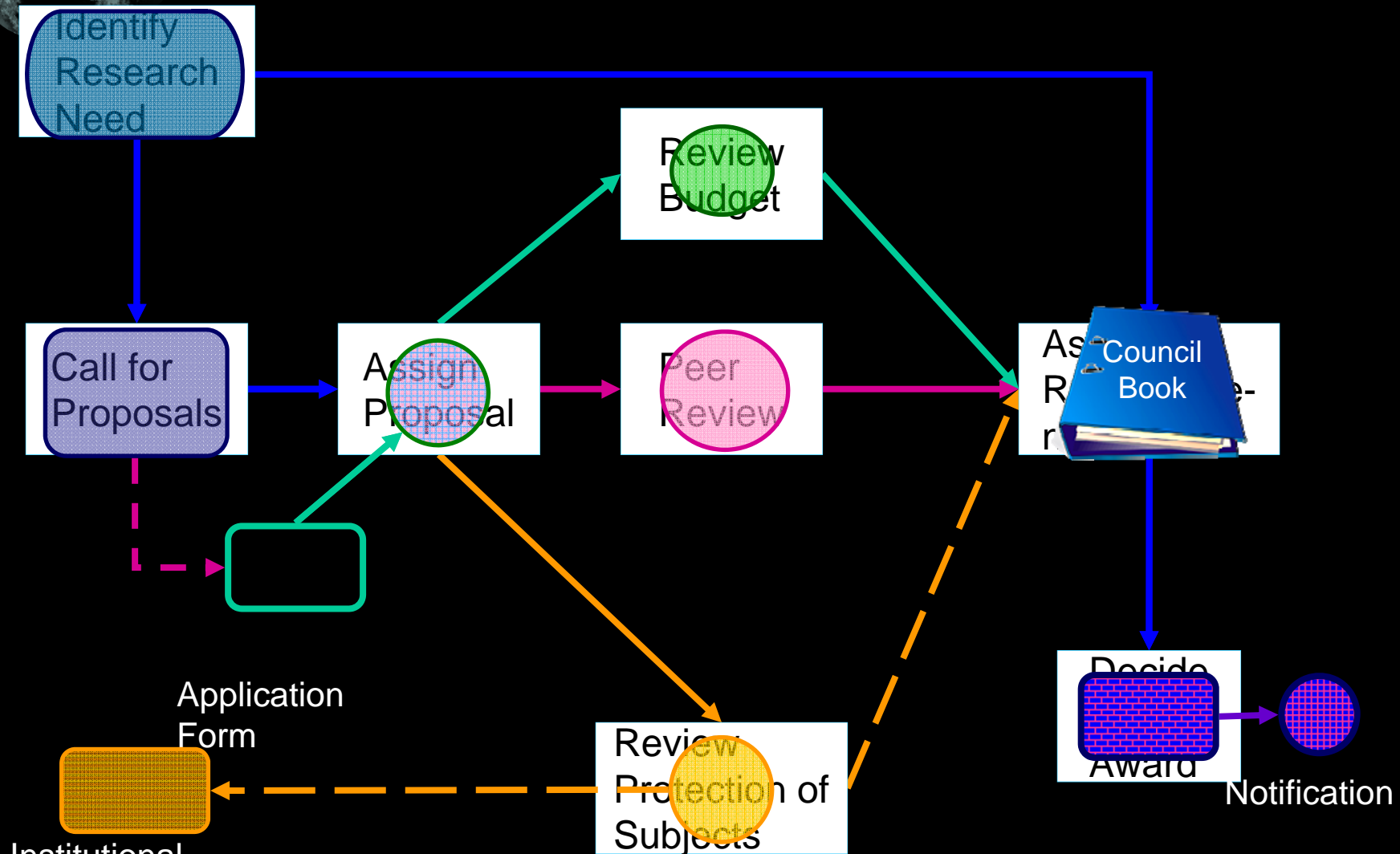
Based on collocation within a file unit



Observations

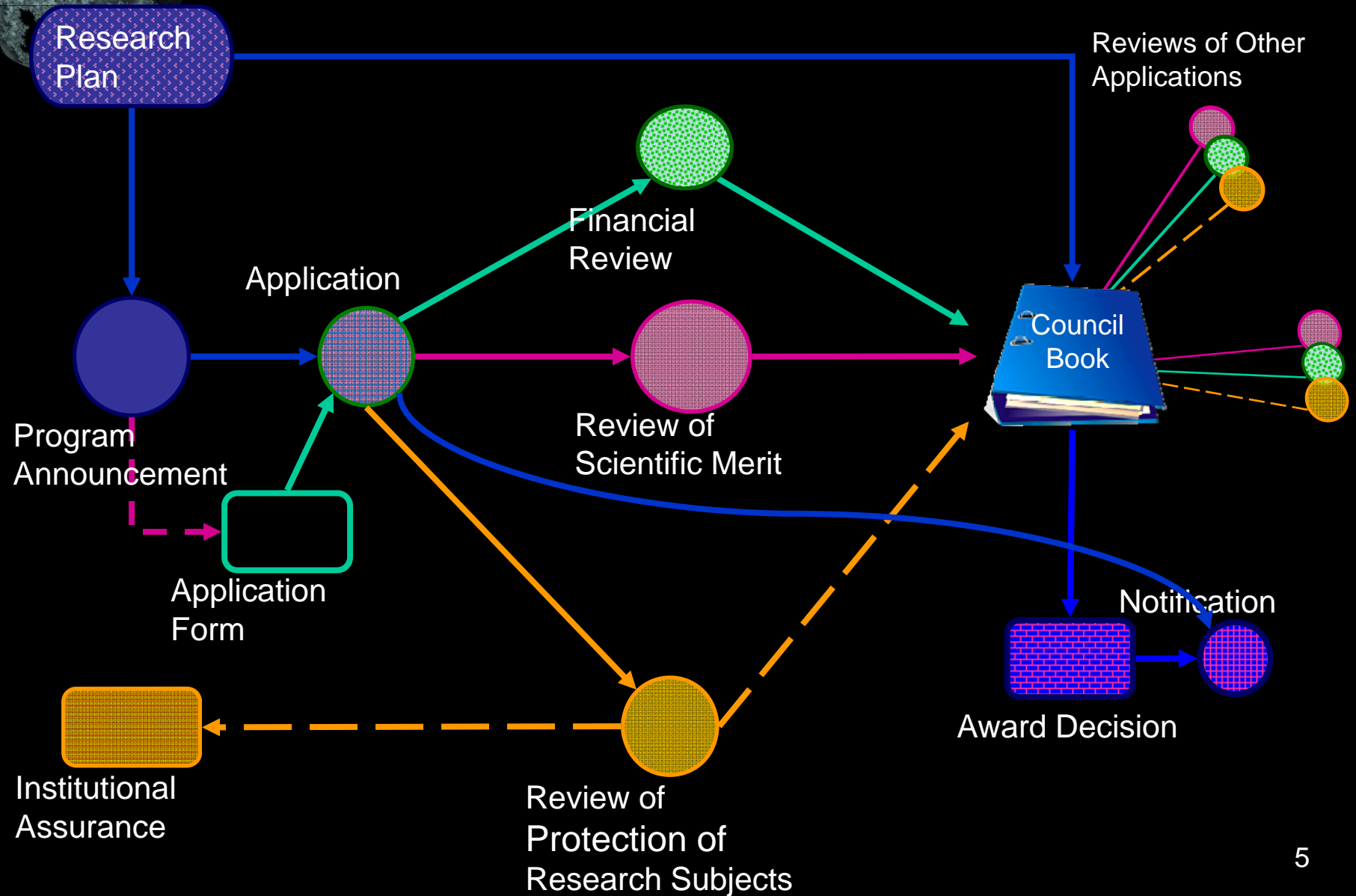
- Original order expresses links among records that result from their creation and use.
- Arrangement of records in filing system is a method of preserving original order.
 - Arrangement is a solution that becomes a requirement only ex post facto
- Placing records in filing categories only expresses a subset of the links among records
- Cyberspace offers possibilities for capturing and preserving more of the relationships among records, activities, and actors.

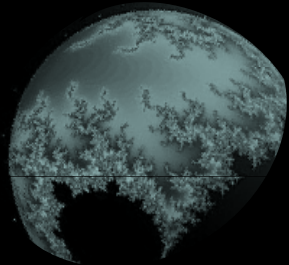
Schematic of Business Process



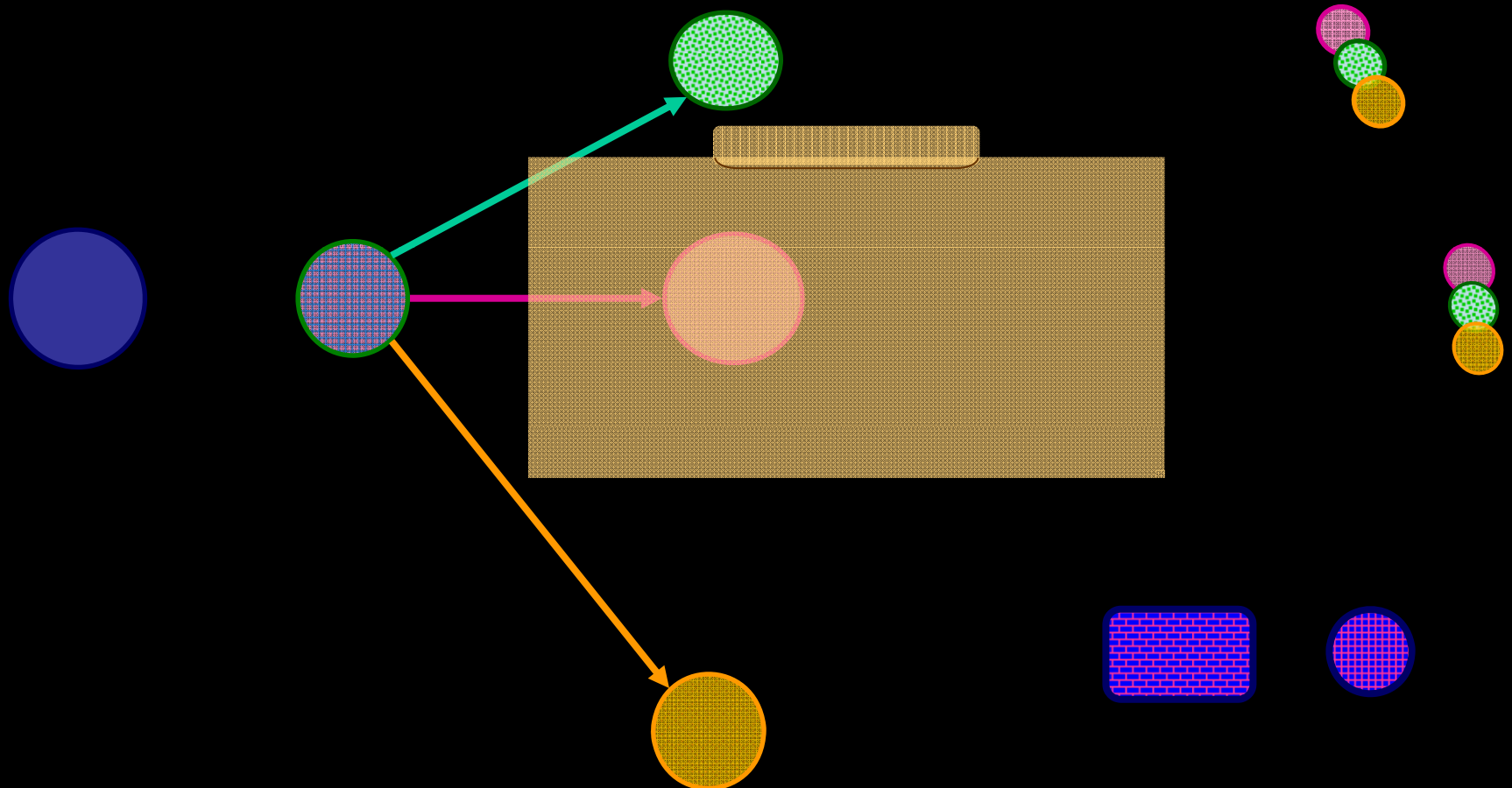
Processing of Grant Application for Biomedical Research

Records Created in Process

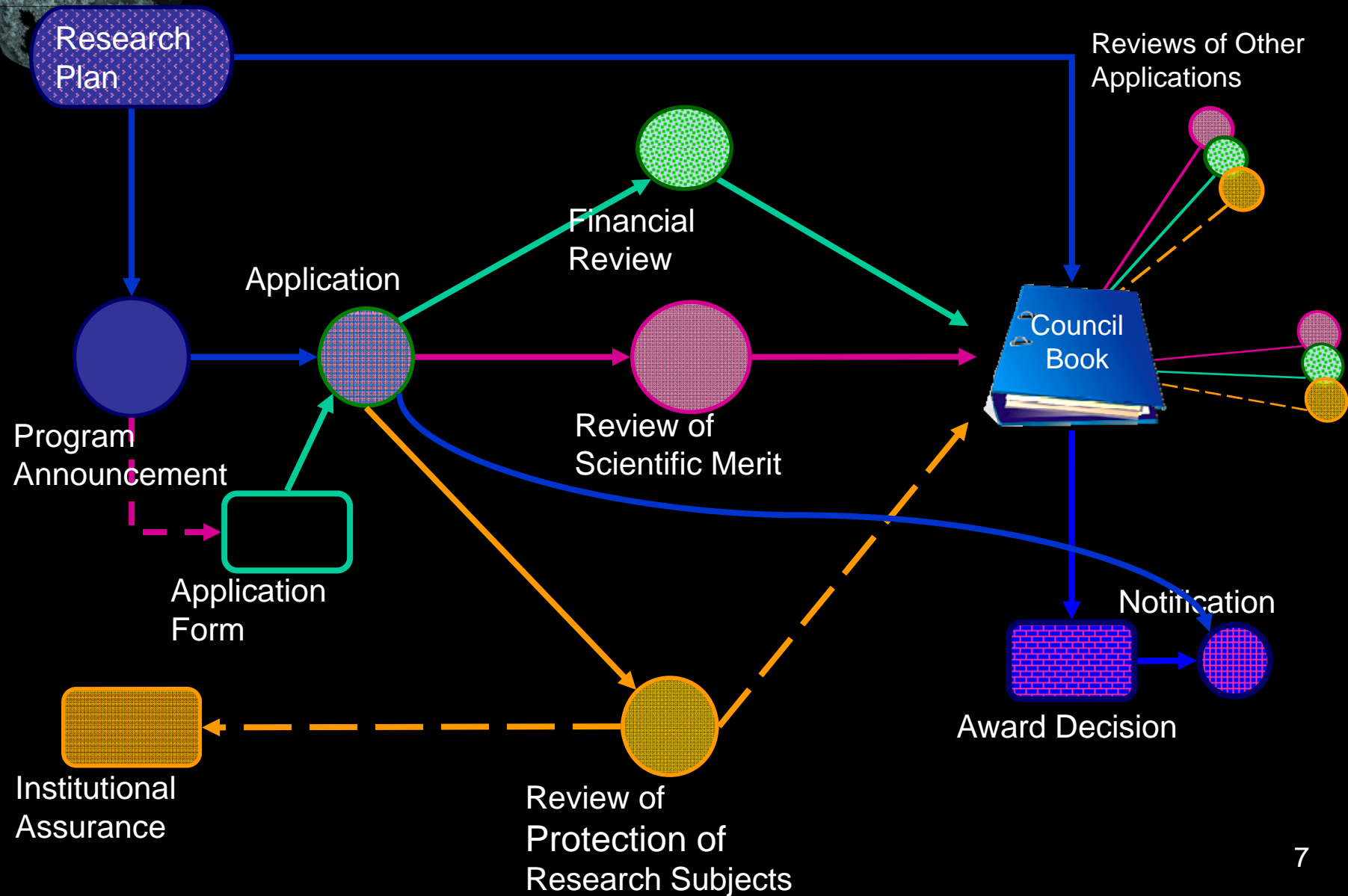




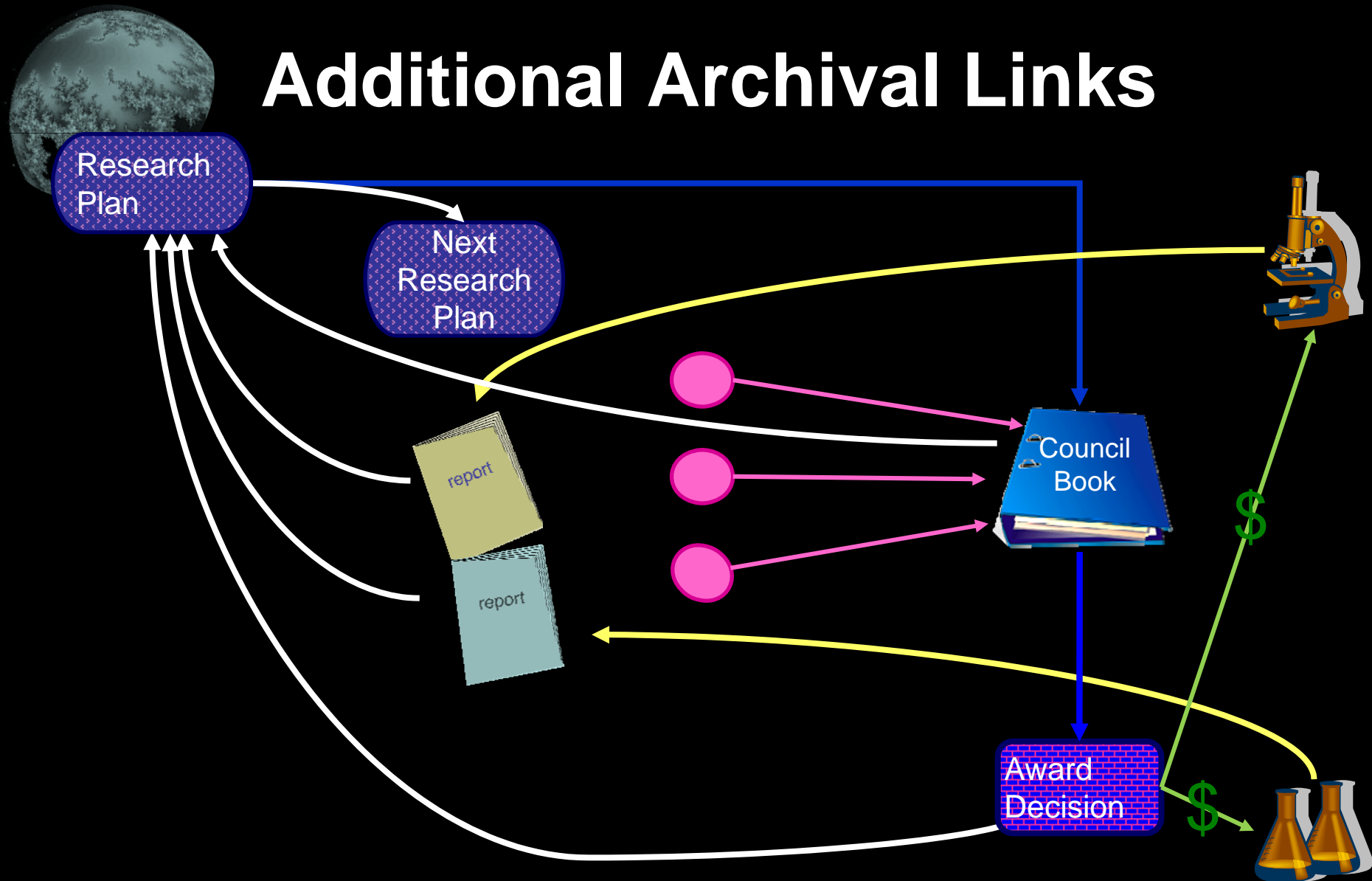
Original Order: Case File



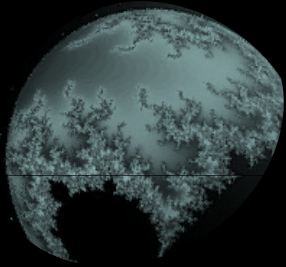
Archival Links



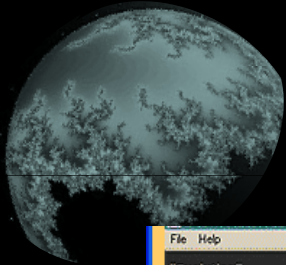
Additional Archival Links



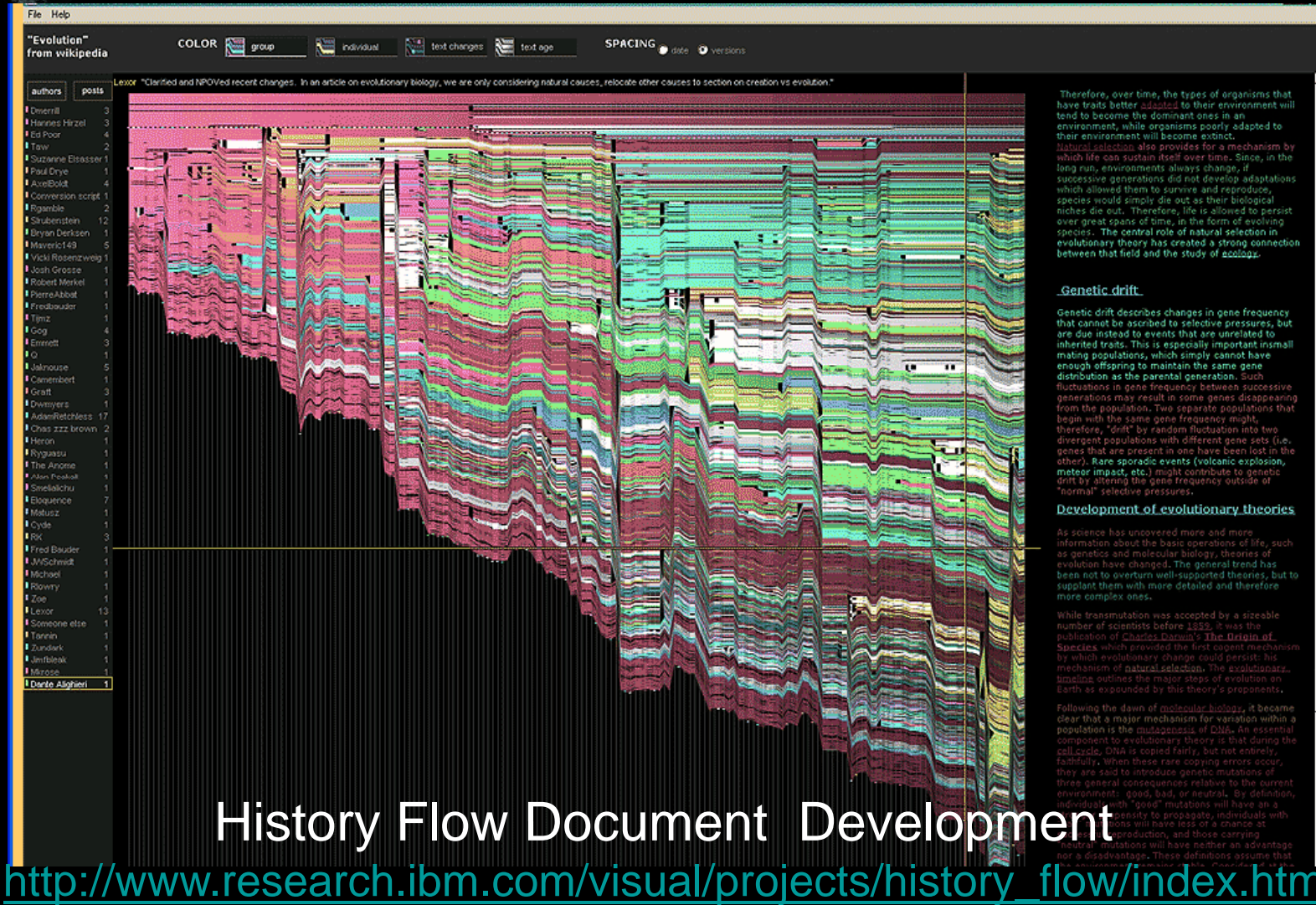
Planning Research



Automated Possibilities for Capturing & Displaying Links



Possibilities for Capturing & Displaying Links: Content Creation

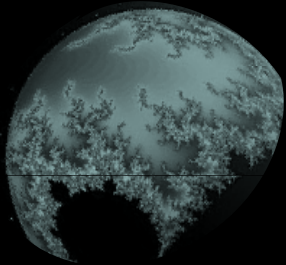


History Flow Document Development

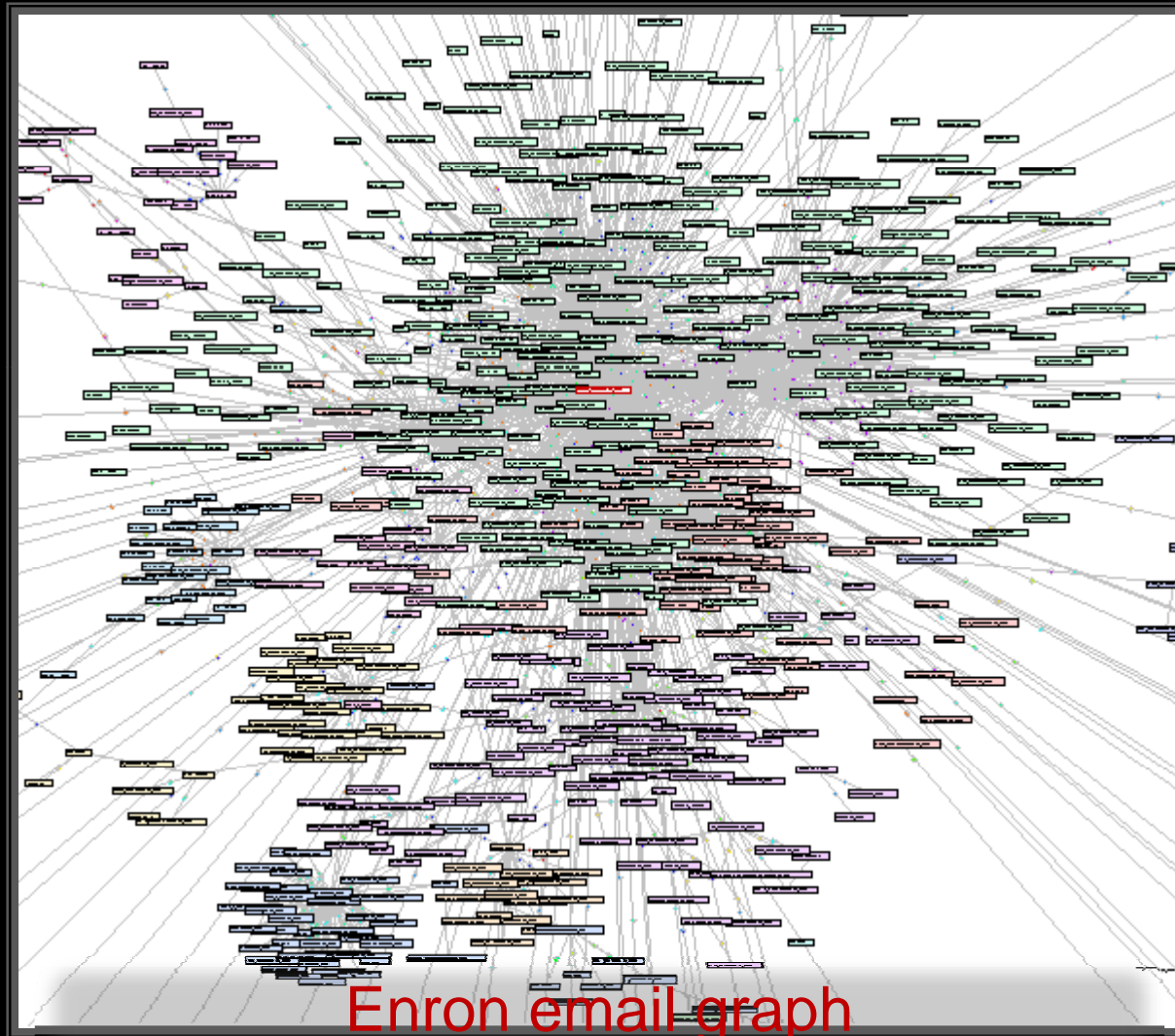
http://www.research.ibm.com/visual/projects/history_flow/index.htm



<http://snacda.wordpress.com/2009/03/09/unsupervised-semantic-mapping/>

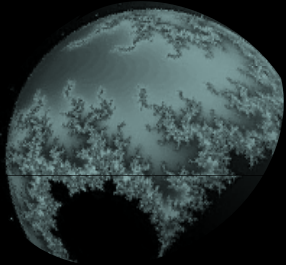


Possibilities for Capturing & Displaying Links: Communications

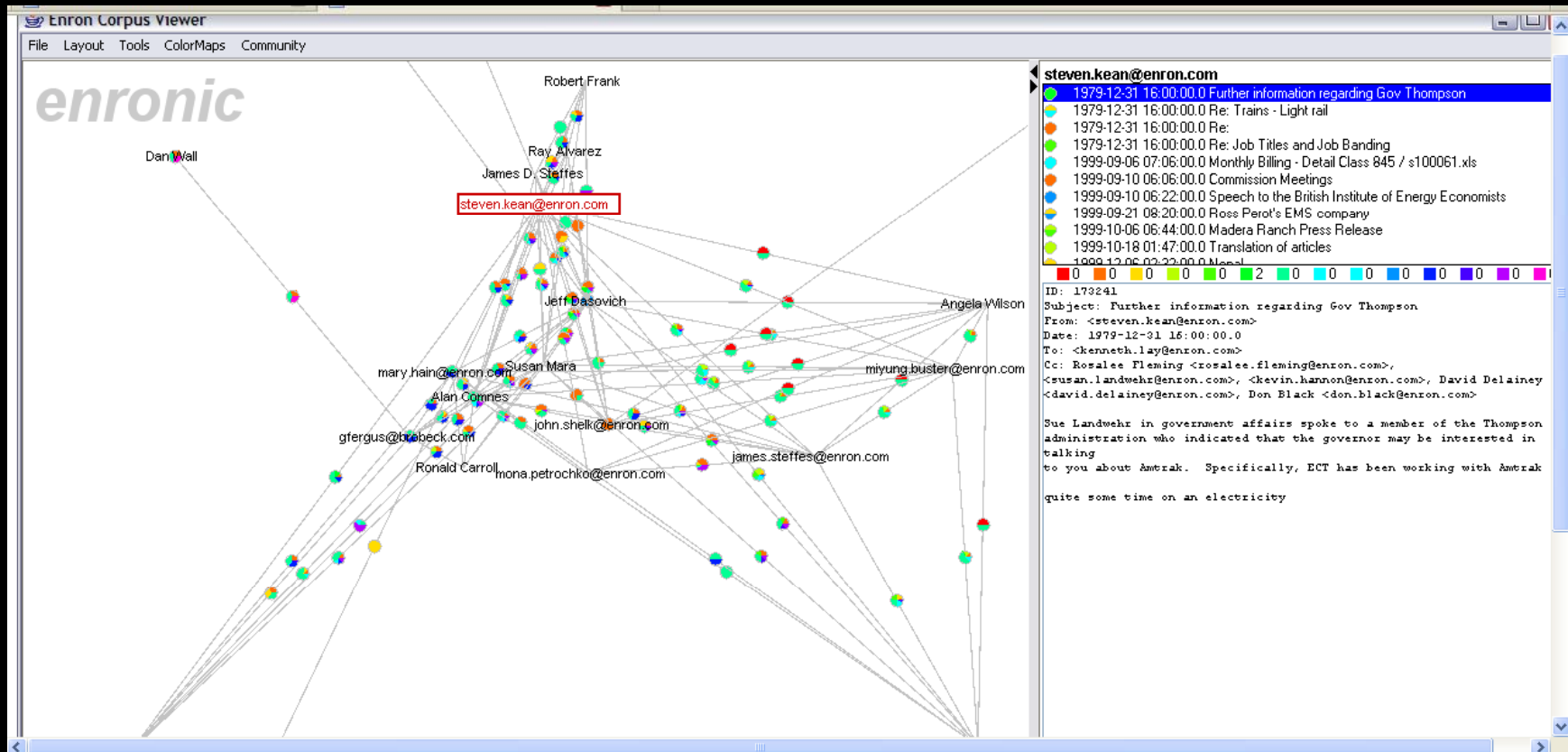


Enron email graph

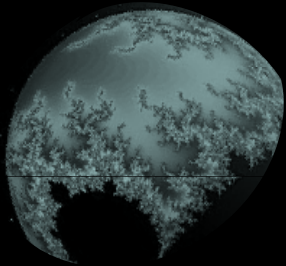
<http://hci.stanford.edu/jheer/projects/enron/>



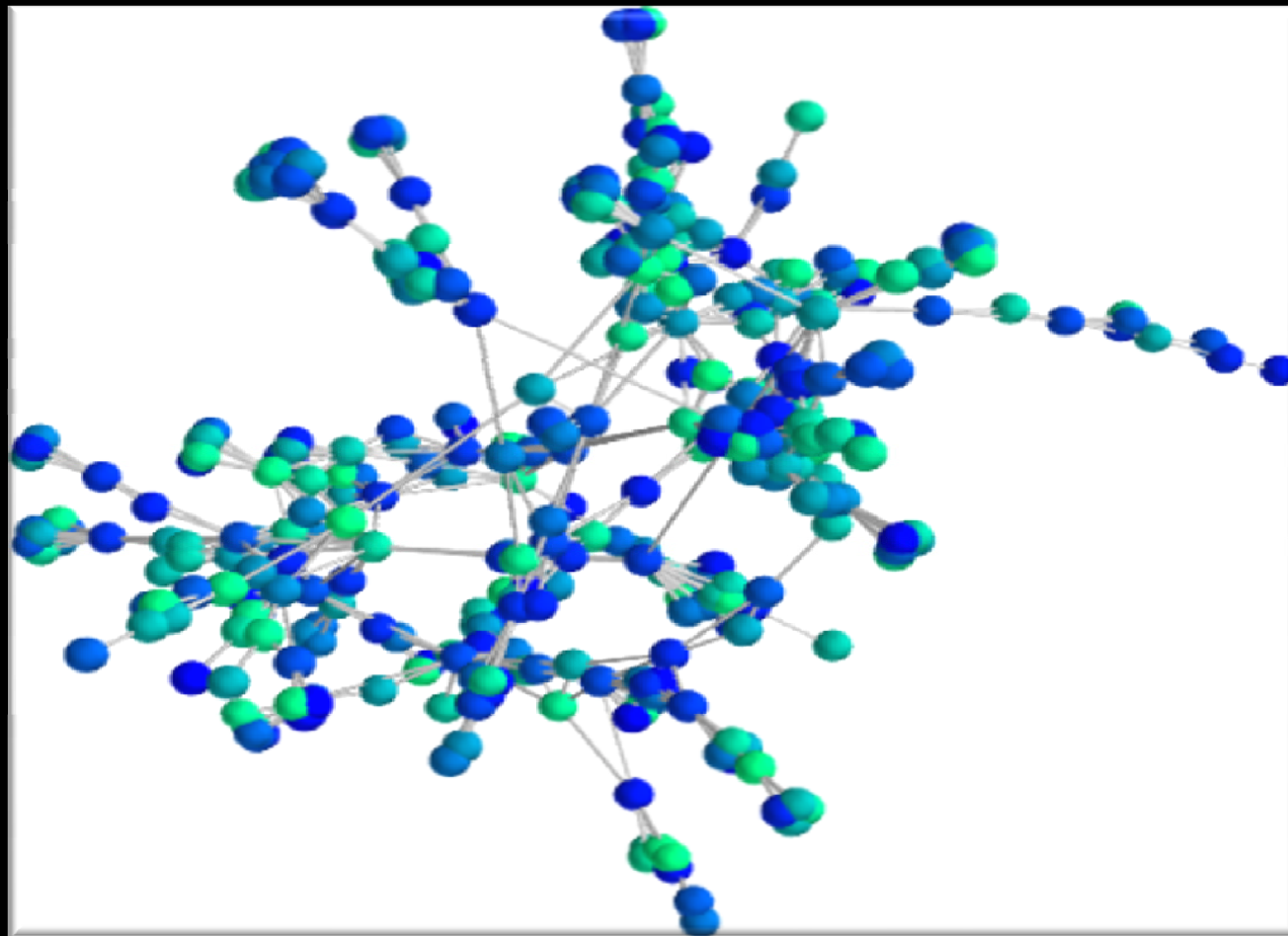
Possibilities for Capturing & Displaying Links: Communications



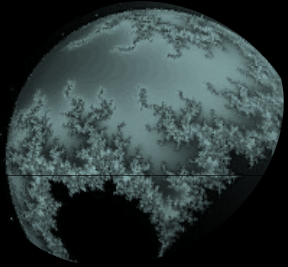
Enron email graph



Possibilities for Capturing & Displaying Links: Interaction



Collaboration Map



Possible Principle: Primacy of the Archival Bond

- Preserve as much of the archival bond as possible, including links based on
 - Processes in which records are produced or acquired
 - Activities in which they are subsequently used
 - The actors who produce, acquire, or use them
 - Information flow, including across organizational boundaries
 - Their content, including aggregate content, themes, and changes over time
 - As well as their placement in filing systems