Collaborative Approach to Address Scholarly Communications and Digital Curation Challenges

Cross Timbers Library Collaborative

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SCDC Affinity Group Meeting
June 14, 2013

Outline

- Scholarly Communications

  Kris Helge

- Institutional Repositories

  Laura Waugh

- Digital Curation

  Daniel Alemneh

- Questions and Answers

Scholarly Communications

Scholarly Communications

- Collaborate with UNT Digital Libraries

Digital libraries, By Jared Zimmerman, CC BY-NC-ND 2.0, @ http://www.flickr.com/photos/spoinknet/8226203822/

Scholarly Communications

Presentations
- Oklahoma Library Association
- Texas Library Association
- Texas Conference on Digital Libraries
- Center for Learning Enhancement, Assessment, and Redesign
- Futures of Academic Publishing: UNT's 4th Symposium on Open Access
- Cross Timbers Affinity Group at UNT

BE THE CHANGE
OKLAHOMA·LIBRARY·ASSOCIATION

OLA 2013
April 3-5
Ardmore, Oklahoma

106th Annual Conference of the Oklahoma Library Association
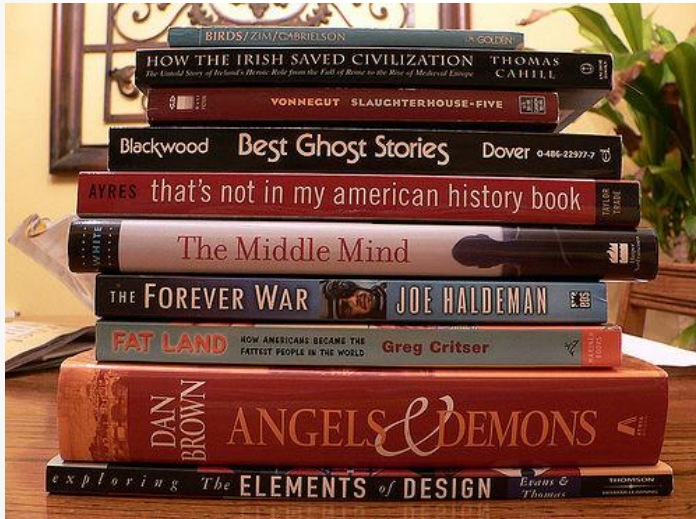
The 2013 OLA Annual Conference was held at the beautiful Ardmore Convention Center, in Ardmore, Oklahoma.

As you browse this site, you will find information on the many interesting and informative programs that made this such a memorable conference.

Ardmore Convention Center

TCDL 2013
Austin * May 7-8

Scholarly Communications

- Answering questions about…

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Scholarly Communications

Institutional Repositories

http://digital.library.unt.edu/scholarlyworks

Institutional Repositories

UNT Scholarly Works:

- Articles
- Academic posters
- Presentations
- Reports
- Papers
- Artwork

Representative of each discipline

Institutional Repositories

Versions

Copyright

Embargos

Name Authority

Author Rights

Challenges

Record Keeping

Institutional Repositories

- Submissions
  - Pre-print
  - Post-print
  - PDF (Published version)

- Permissions
  - Sherpa Romeo
  - Copyright Clearance Center
  - Emails
  - Forms

Institutional Repositories

- Detailed records

- Name App

- About UNT Scholarly Works website

- Scholarly Communications website
  - Keeping authors informed

- Marketing and open communication

Institutional Repositories
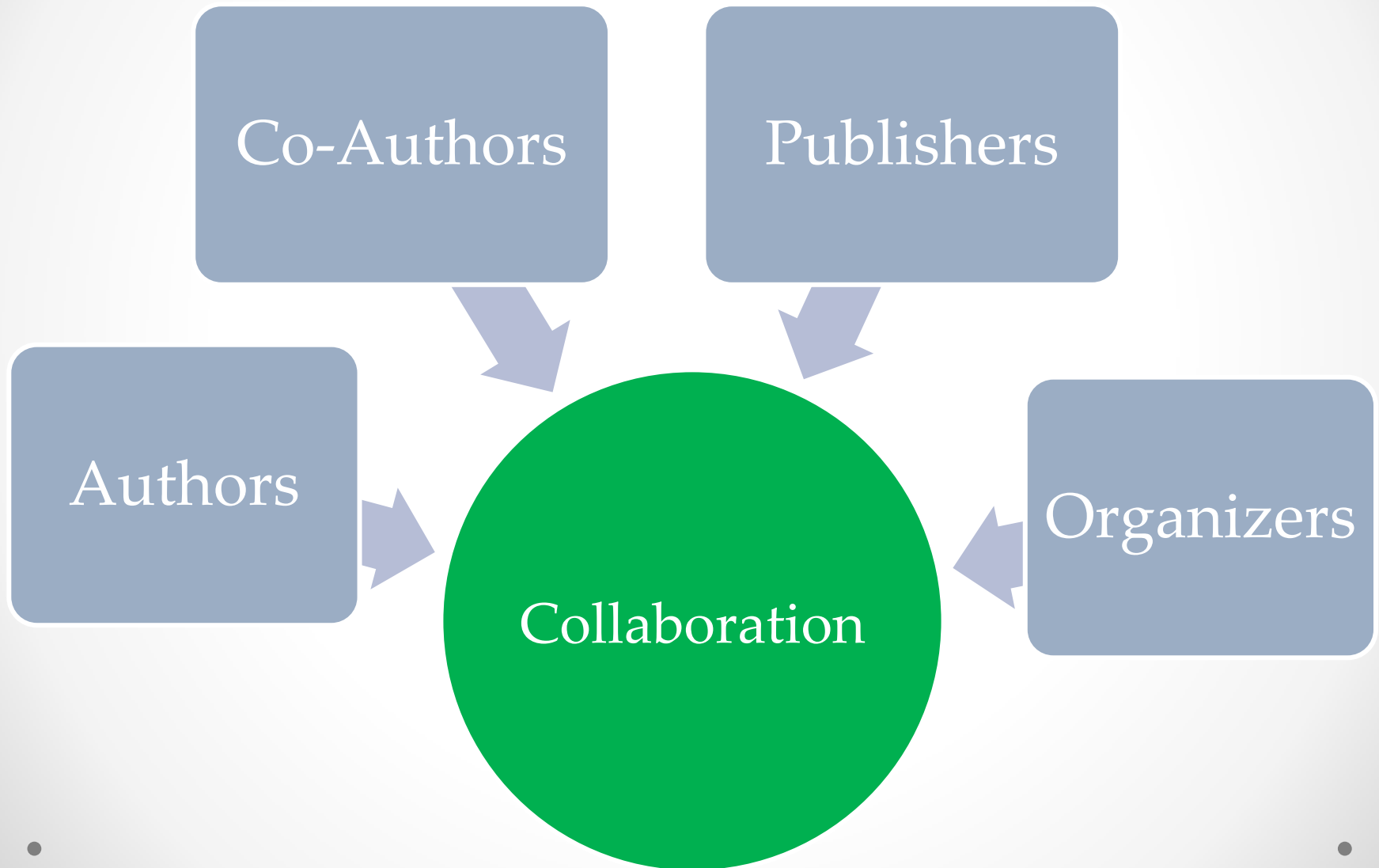
Institutional Repositories

Initiatives Include:

- UNT Scholarly Works repository
- UNT Open Access Policy
- Data Lifecycle Consulting Team
- DMPTool
- International Open Access Week
- Annual UNT Libraries OA Symposium

Digital Curation

- The selection, preservation, maintenance, collection and archiving of digital assets

- Involves maintaining, preserving, adding value, and facilitate use and re-use throughout its lifecycle and over time .

Total Sites Across All Domains August 1995 - June 2013

Web Server Survey at: http://news.netcraft.com/archives/2013/06/06/june-2013-web-server-survey-3.html
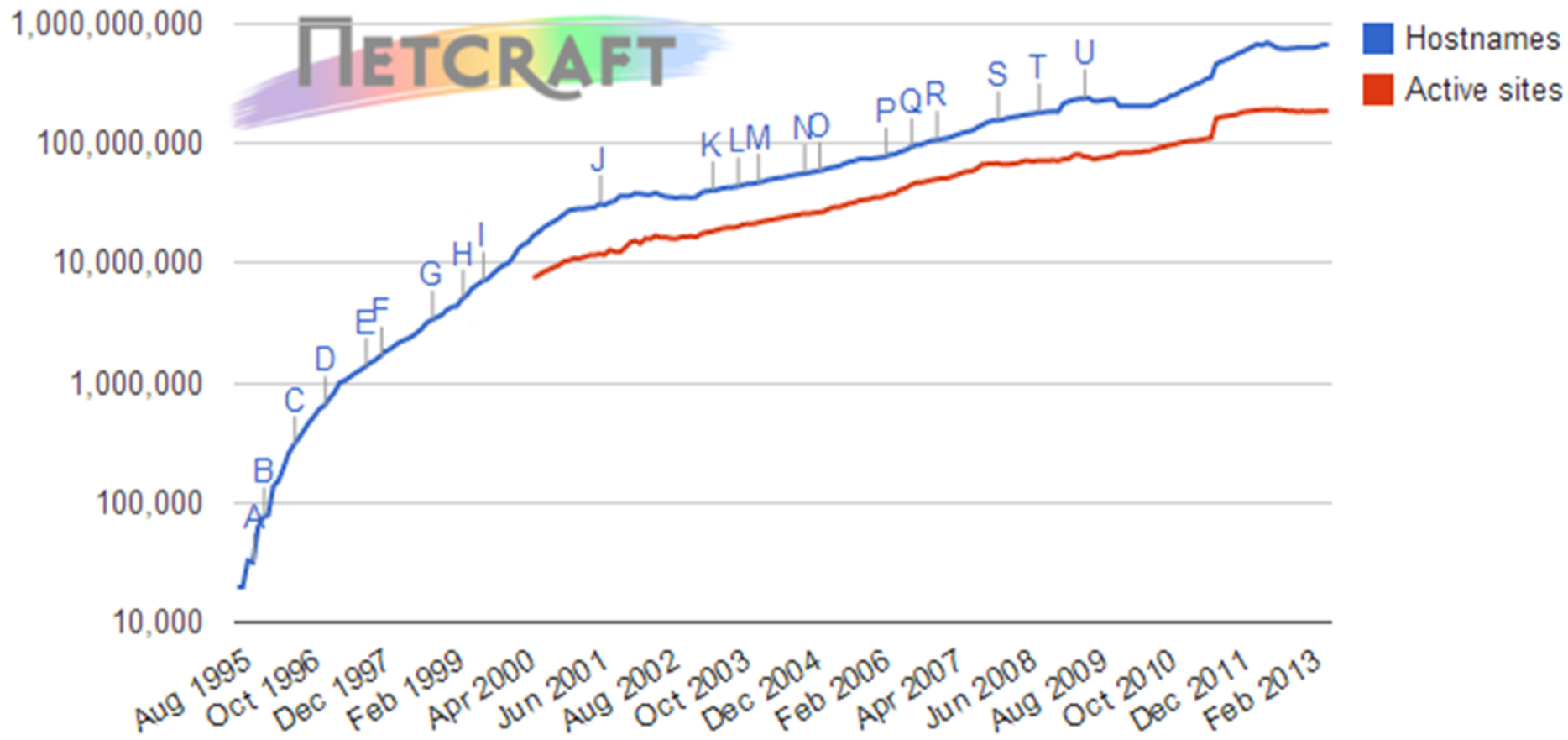
Challenges of Digital Curation

- Rate of creation of new data and data sets
- Storage format evolution and obsolescence
- Maintaining accessibility to data through links and search results
- Comparability of semantic and ontological definitions of data sets
- Different community inclined to share items at different level of normalization

Response to Digital Curation Challenges

- Various community engaged in different activities to prepare future professionals :
  - Dedicated academic courses and programs
    - (*DCM at UNT, DCEP at UIUC Data Curation at UNC-CH*)
  - Dedicated symposia and workshops
    - (*DigCCurr, DataRes*)
  - Dedicated publications
    - (*International Journal of Digital Curation*)
  - Specialized research institutions, Consortia
    - (*DCC, iCAMP, DataRes , etc.*)

Various Best practices and Conceptual Data Models for Digital Curation or Preservation:

Planets, PREMIS, DCC, …
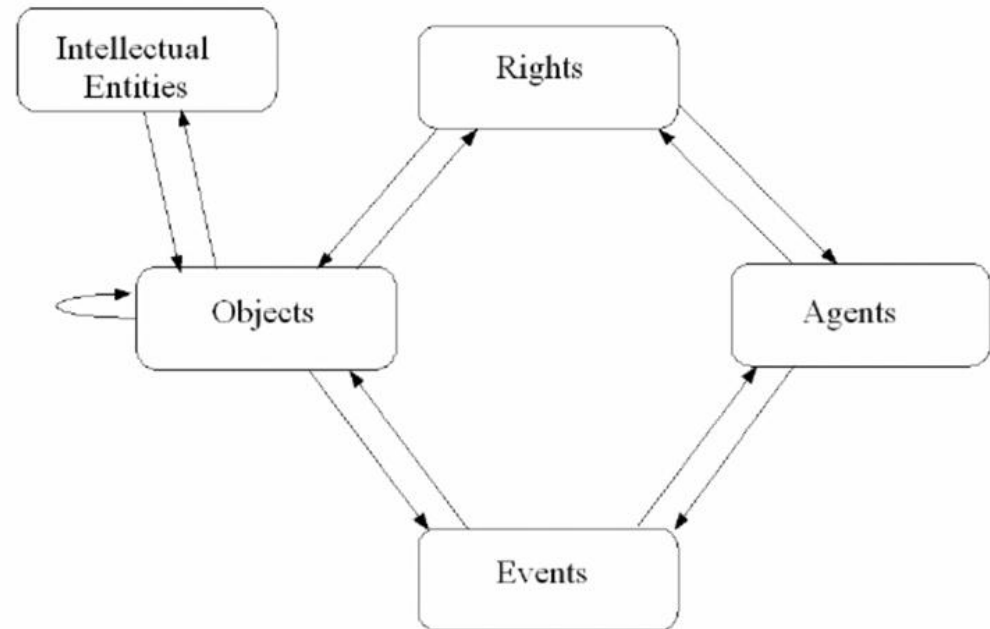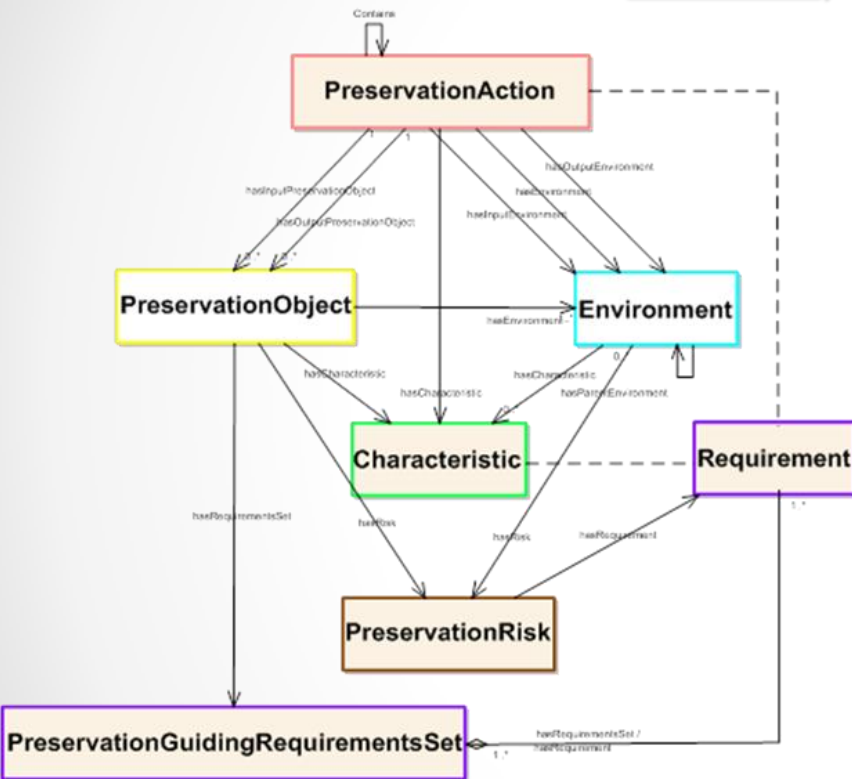
- **Different data models**
- **Different relationships between entities**
- **Various semantic units and/or properties**

The DCC Curation Lifecycle Model

CONCEPTUALISE

DISPOSE

TRANSFORM

CREATE OR RECEIVE

CURATE

ACCESS, USE & REUSE

APPRAISE & SELECT

PRESERVATION PLANNING

DESCRIPTION

Data (Digital Objects or Databases)

REPRESENTATION INFORMATION

and

and

COMMUNITY WATCH & PARTICIPATION

MIGRATE

STORE

INGEST

REAPPRAISE

PRESERVE

PRESERVATION ACTION
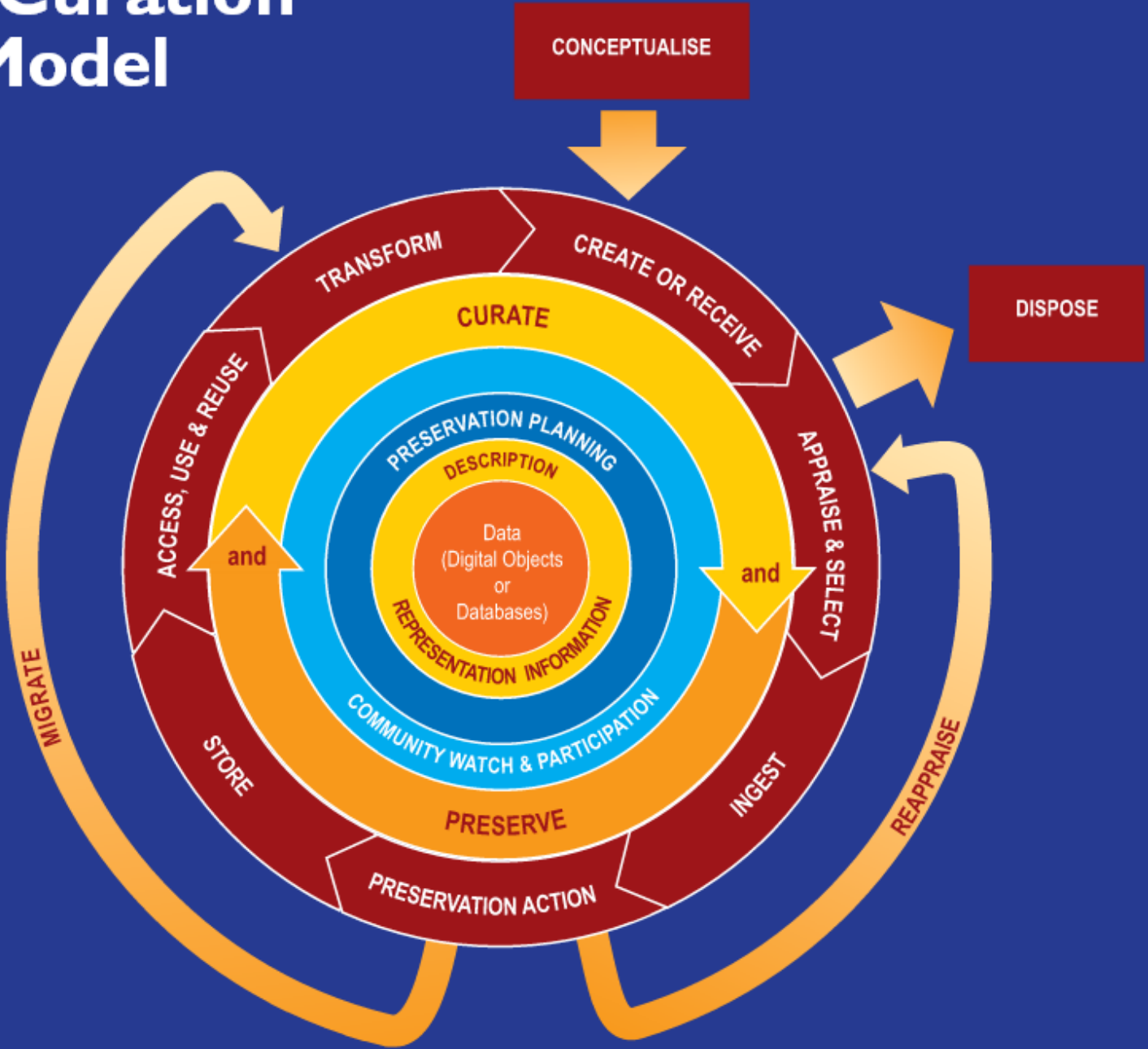
No single Approach or Model Addresses all Aspects of Digital Curation or Preservation Issues
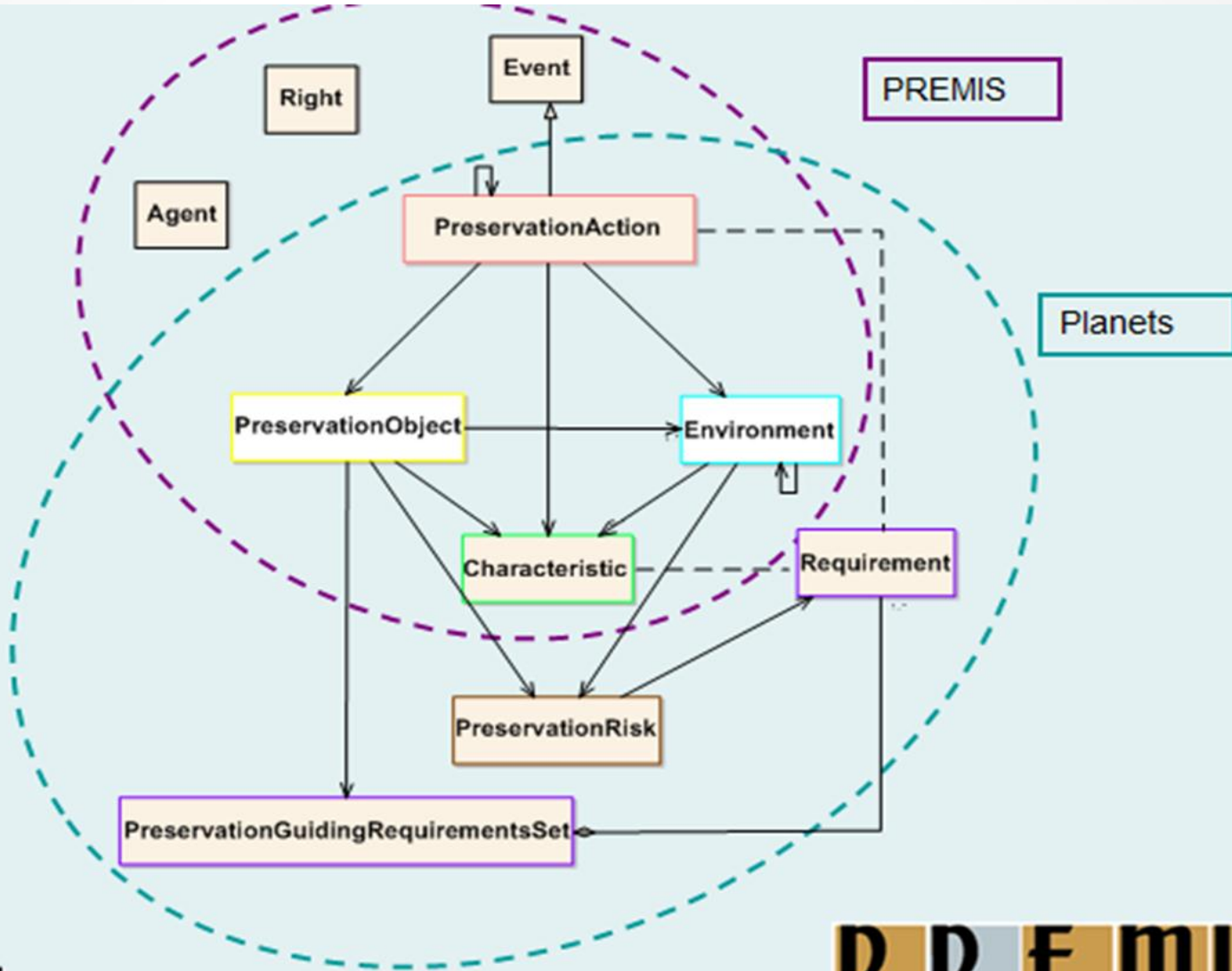
Collaborative Approaches

- Successful digital curation will mitigate digital obsolescence, keeping the information accessible to users indefinitely.

- Considering the multiple stakeholders in the digital ecosystems, a collaborative approach is the only way to addressing Scholarly Communications and Digital Curation Challenges!

- What is the role of our Affinity group in terms of identifying and filling the gaps?

Scholarly Communications and Digital Curation Affinity Group

- Let's continue the conversation

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