GENERALIZING THE SUBJECT REPOSITORY: AN INVESTIGATION INTO POTENTIAL BEST PRACTICES

Coalition for Networked Information
Spring 2010 Membership Meeting
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who are we?

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what will we talk about?

- Challenges for Subject Repositories

- Subject Repository Landscape
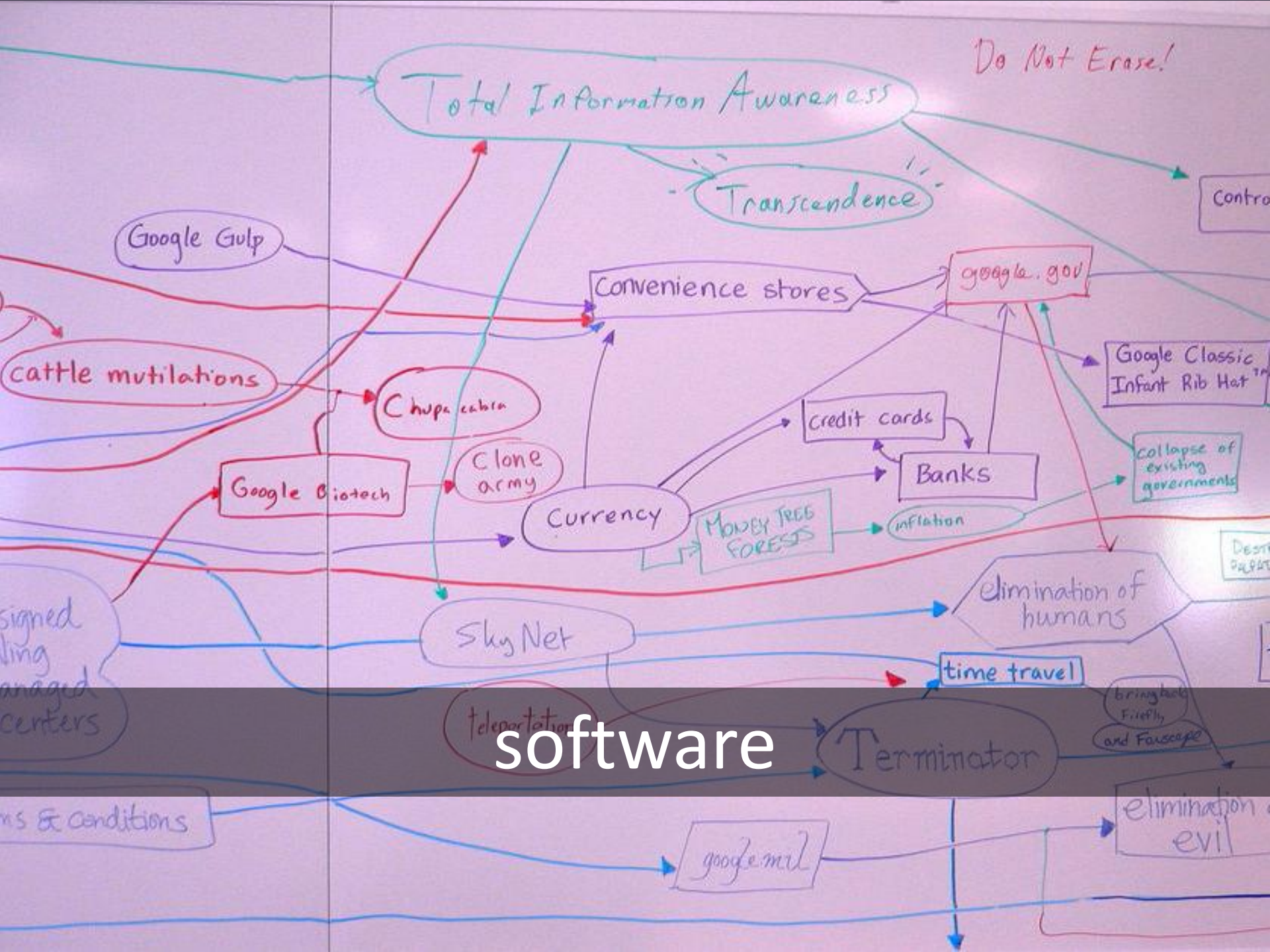
- Recommendations and Discussion

CHALLENGES

sociological challenges

registries

software

One journal found when searched for **0930-8989**:

Journal:	**Springer Proceedings in Physics** (ISSN: 0930-8989)
Publisher:	**Springer Verlag**

This summary is for the publisher's *default* policies and changes or exceptions can often be negotiated
All information is correct to the best of our knowledge but should not be relied upon for legal a

Publisher:	Springer Verlag (Germany)
Author's Pre-print:	✓ author **can** archive pre-print (ie pre-refereeing)
Author's Post-print:	✓ author **can** archive post-print (ie final draft post-refereeing)
Publisher's Version/PDF:	✗ author **cannot** archive publisher's version/PDF
General Conditions:	• Authors own final version only can be archived • Publisher's version/PDF cannot be used • On author's website or institutional repository • On funders designated website/repository after 12 months at the funders request or as a result of legal obligation • Published source must be acknowledged • Must link to publisher version • Set phrase to accompany link to published version (The original publication is available at www.springerlink.com • Articles in some journals can be made Open Access on payment of additional charge
Mandated OA:	Compliance data is available for 31 funders
Paid open access:	Open Choice
Copyright:	example copyright ~~agreement~~ - self-archiving policy
RoMEO:	This is a RoMEO **green** publisher
Updated:	01-Sep-2009. Suggest an update for this record

copyright

Search again?

Searching: **Library, Information Science & Technology Abstracts** | Choose Databases »

[Search field] **Search** **Clear**

Basic Search | Advanced Search | Visual Search | Search History/Alerts | Preferences »

Browsing: **Library, Information Science & Technology Thesaurus**

subject repository **Browse**

⦿ Term Begins With   ◯ Term Contains   ◯ Relevancy Ranked

Page: **Previous** | **Next**

Select term, then add to search using: [or ▼] **Add**

(Click term to display details.)

The term *subject repository* would appear here had there been an exact match

SUBJECT retrieval in online library catalogs **Use** ONLINE library catalogs -- Subject access

SUBJECT subdivisions **Use** SUBJECT heading subdivisions

SUBSCRIPTION agencies, Serials **Use** SERIALS subscription agencies

SUBSCRIPTION agents, Serials **Use** SERIALS subscription agencies

SUBSCRIPTION book trade **Use** BOOKSELLERS & bookselling -- Colportage, subscription trade, etc.

terminology

☐ SUBSCRIPTION libraries

☐ SUBSCRIPTIONS to serial publications

☐ SUBSCRIPTIONS to serial publications -- Management

lack of library literature

SUBJECT REPOSITORY LANDSCAPE

PubMed Central (PMC) is the U.S. National Institutes of Health (NIH) free digital archive of biomedical and life sciences journal literature.

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RePEc (**R**esearch **P**apers in **Ec**onomics) is a collaborative effort of hundreds of volunteers in 70 countries to enhance the dissemination of research in economics. The heart of the project is a decentralized database of working papers, journal articles and software components. All RePEc material is freely available.

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- 505,000 journal articles
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- 18,000 book and chapter listings
- 23,500 author contact and publication listings
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RePEc Author Service: Author registration

MPRA

Munich Personal RePEc Archive: Authors in institutions lacking a RePEc archive can submit their papers to have them included in the RePEc database.

IDEAS

IDEAS: the complete RePEc database at your disposal. Working papers, journal articles, software components, author information, directory of institutions.

arXiv.org

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[   ] All papers

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Subject search and browse: [Physics ▼] [Search] [Form Interface] [Catchup]

5 Mar 2010: New Submission System and announcement schedule changes
21 Jan 2010: Collaborative support plan announced
8 Apr 2009: Added public author identifiers, Facebook interaction, myarticles widget, and personal Atom feeds
See cumulative "What's New" pages
Robots Beware: indiscriminate automated downloads from this site are *not* permitted

Physics

- Astrophysics (**astro-ph** new, recent, find)
  includes: Cosmology and Extragalactic Astrophysics; Earth and Planetary Astrophysics; Galaxy Astrophysics; High Energy Astrophysical Phenomena; Instrumentation and Methods for Astrophysics; Solar and Stellar Astrophysics
- Condensed Matter (**cond-mat** new, recent, find)
  includes: Disordered Systems and Neural Networks; Materials Science; Mesoscale and Nanoscale Physics; Other Condensed Matter; Quantum Gases; Soft Condensed Matter; Statist Mechanics; Strongly Correlated Electrons; Superconductivity
- General Relativity and Quantum Cosmology (**gr-qc** new, recent, find)
- High Energy Physics - Experiment (**hep-ex** new, recent, find)
- High Energy Physics - Lattice (**hep-lat** new, recent, find)
- High Energy Physics - Phenomenology (**hep-ph** new, recent, find)
- High Energy Physics - Theory (**hep-th** new, recent, find)
- Mathematical Physics (**math-ph** new, recent, find)
- Nuclear Experiment (**nucl-ex** new, recent, find)
- Nuclear Theory (**nucl-th** new, recent, find)
- Physics (**physics** new, recent, find)
  includes: Accelerator Physics; Atmospheric and Oceanic Physics; Atomic Physics; Atomic and Molecular Clusters; Biological Physics; Chemical Physics; Classical Physics; Computatio Physics; Data Analysis, Statistics and Probability; Fluid Dynamics; General Physics; Geophysics; History of Physics; Instrumentation and Detectors; Medical Physics; Optics; Physics E Physics and Society; Plasma Physics; Popular Physics; Space Physics
- Quantum Physics (**quant-ph** new, recent, find)

Mathematics

- Mathematics (**math** new, recent, find)
  includes (see detailed description): Algebraic Geometry; Algebraic Topology; Analysis of PDEs; Category Theory; Classical Analysis and ODEs; Combinatorics; Commutative Algebra; Variables; Differential Geometry; Dynamical Systems; Functional Analysis; General Mathematics; General Topology; Geometric Topology; Group Theory; History and Overview; Inform Theory; K-Theory and Homology; Logic; Mathematical Physics; Metric Geometry; Number Theory; Numerical Analysis; Operator Algebras; Optimization and Control; Probability; Quant

Archive of European Integration (AEI)
AgEcon Search
arXiv
CiteSeerX
E-LIS
Organic EPrints
Policy Archive
PubMed Central
RePEc
SSRN

the big ten

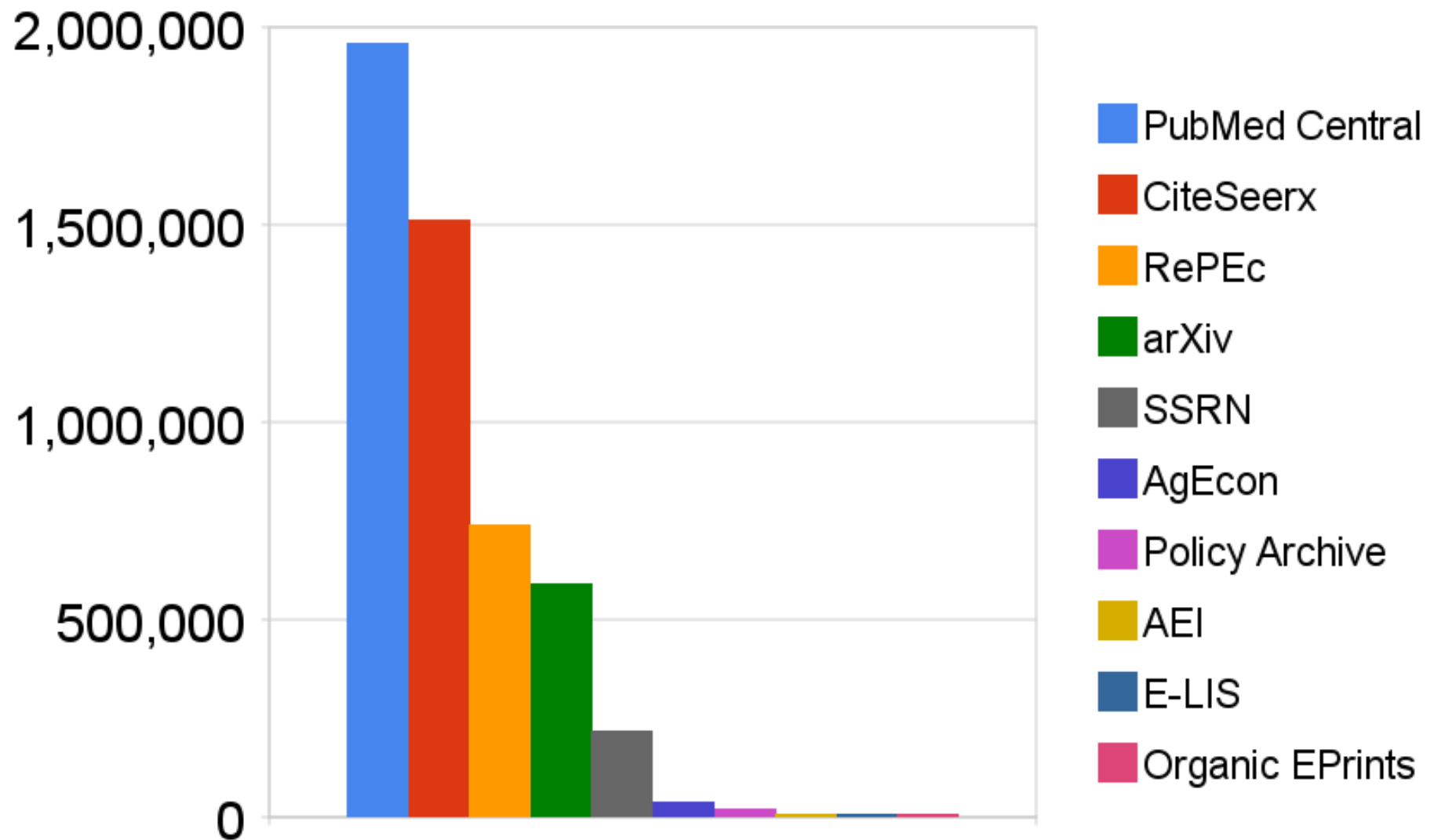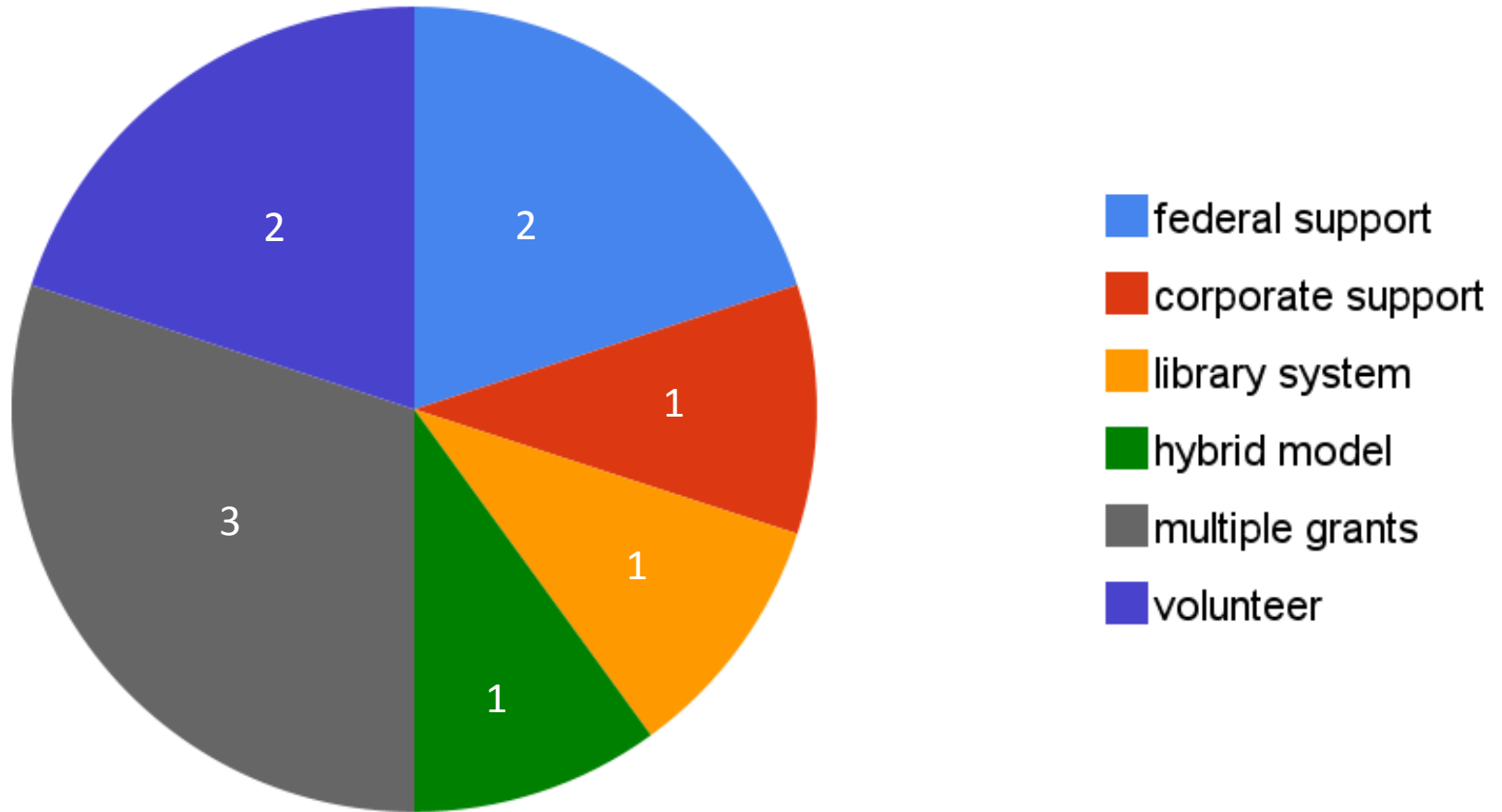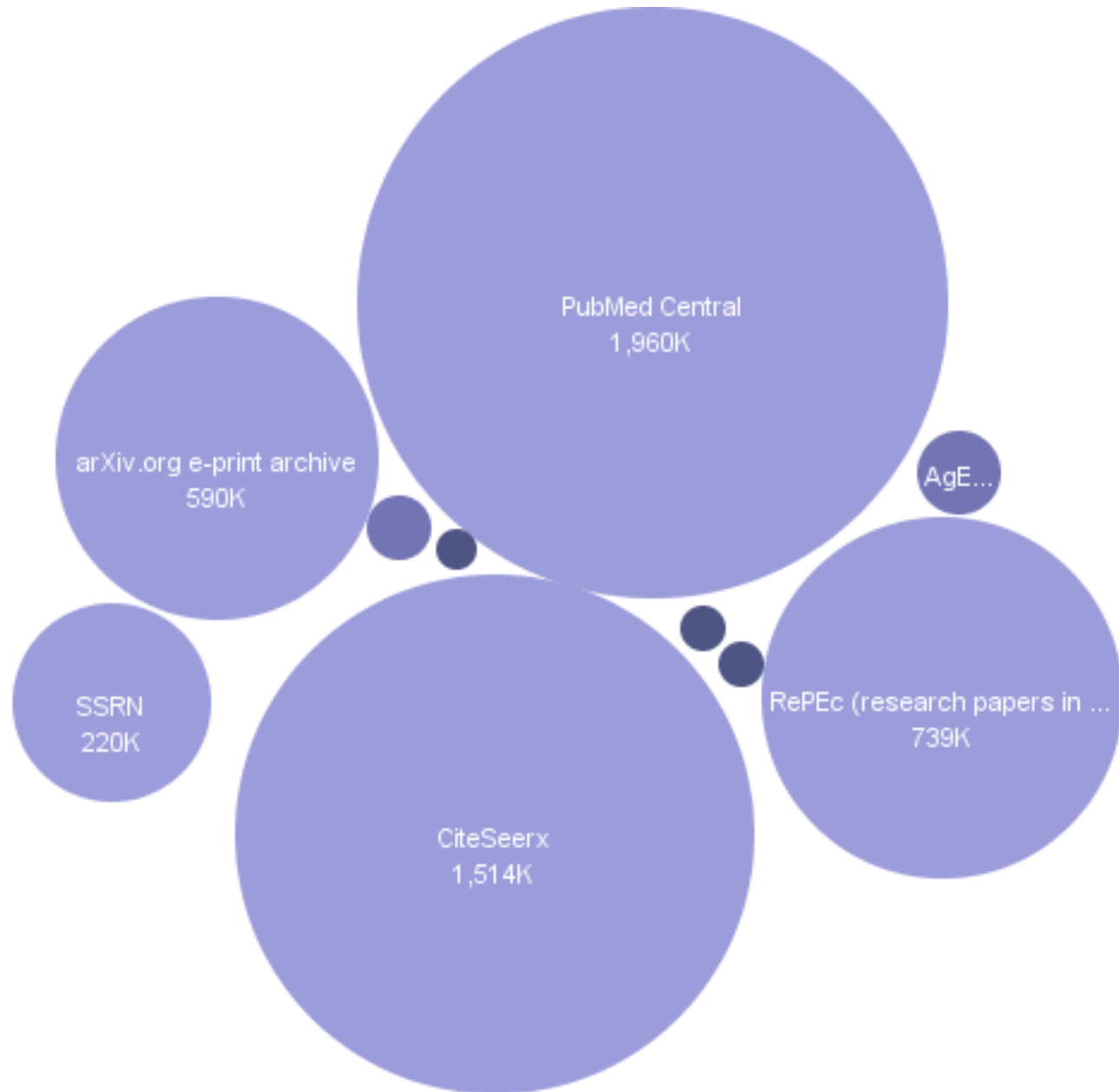Policy Archive 2008

AEI 2003

E-LIS 2003

PMC 2000

Organic Eprints 2002

RePEc 1997

CiteSeerX 1997

SSRN 1995

AgEcon 1995

arXiv 1991

Multidisciplinary
Interdisciplinary
Single discipline

Total Items

■	PubMed Central
■	CiteSeerx
■	RePEc
■	arXiv
■	SSRN
■	AgEcon
■	Policy Archive
■	AEI
■	E-LIS
■	Organic EPrints

Funding Models

■	federal support
■	corporate support
■	library system
■	hybrid model
■	multiple grants
■	volunteer

Values shown in pie slices: 2, 1, 1, 1, 3, 2

repository size and software

PubMed Central
1,960K

arXiv.org e-print archive
590K

AgE...

SSRN
220K

CiteSeerx
1,514K

RePEc (research papers in ...
739K

content type and repositories

theses 3

reports 3

software 2

conference procee... 4

unpublis...

articles 10

videos

newspaper or ... 3

books or book cha... 4

images

special 2

citations/abstracts 5

working papers 5

grey literature 2

contact ...

data

tutorial/instru... 2

reviews 2

multimedia/w... 2

audio

Total Items / Content Type

Legend:
- content types (blue)
- total items (100K) (red)

X-axis categories: PMC, CiteSeerX, RePEc, arXiv, SSRN, AgEcon, Policy Archive, AEI, E-LIS, Organic Eprints

Y-axis: 0, 5, 10, 15, 20

the rest
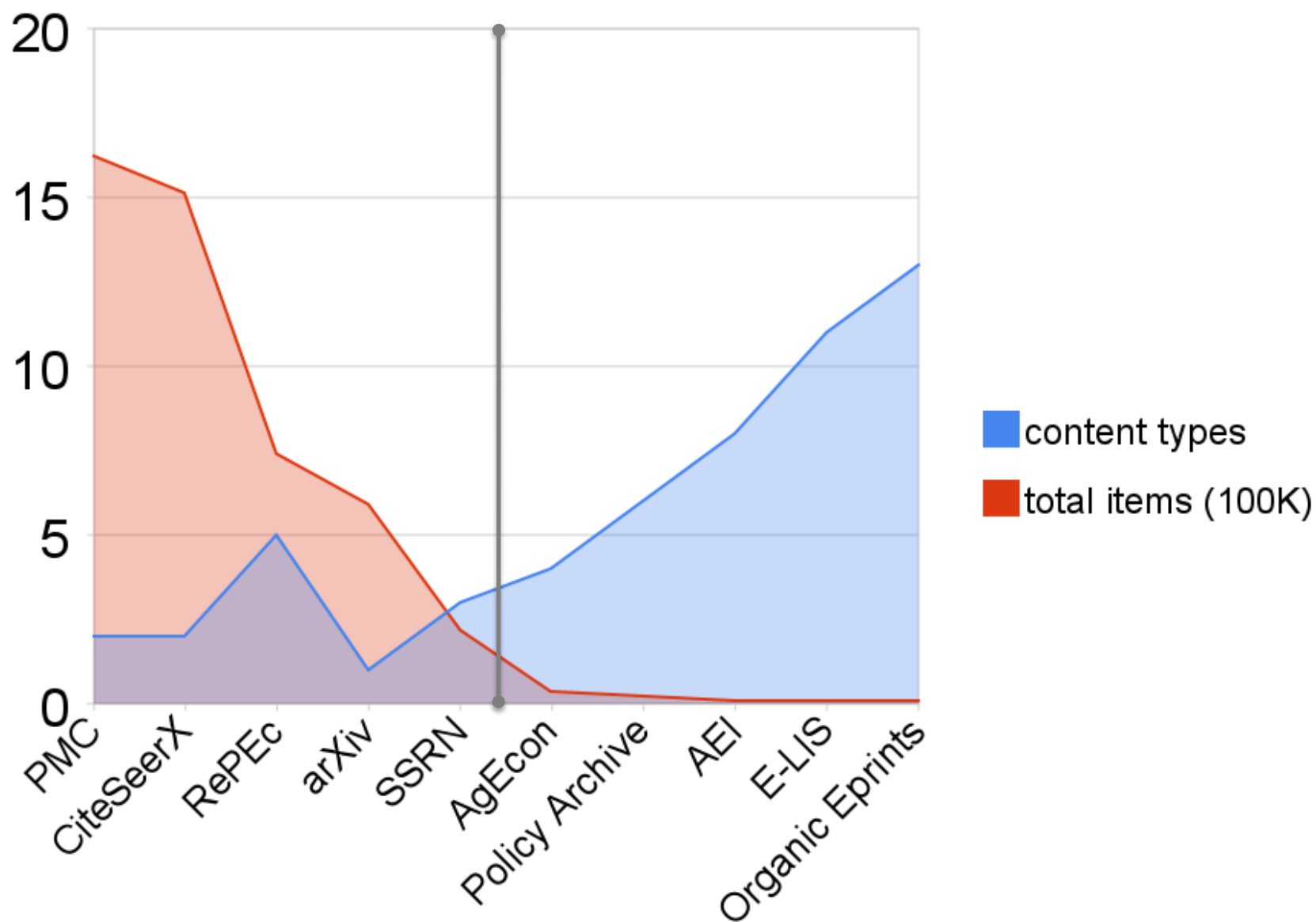
some approaches

- Communication with PIs/teams
- Iterative scoping and design
- Metadata first
- Local technical control
- Emphasizing a funder relationship

summary of issues

- Diverse community needs and cultures
- Lack of consistent terminology
- Lack of recognition in authoritative resources
- Lack of literature

RECOMMENDATIONS

1. More literature
2. Standard language
3. Community of SR managers, librarians, and administrators
4. Instruments for evaluation
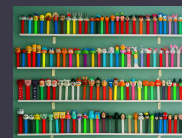5. Guidelines/best practices

PHOTO ATTRIBUTIONS

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