

Change in Emphasis: Recasting Resource Investments and the Rise of Special Collections

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A Few Assumptions

- Institutional economics, not technology, will drive need for fundamental changes (universities & libraries)
- Universities are not going to receive the resources to keep pace with cost increases
- Libraries must undergo transformation to thrive
- We won't win the commodity game

Research Library = Research + Library

Research in **information science**

- *study of processes to store and retrieve information, esp. scientific or technical information*

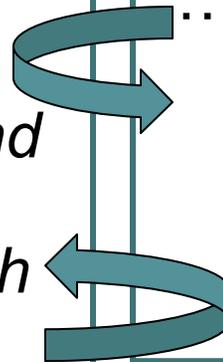
...systematic investigation and study of materials and sources in order to establish facts and reach new conclusions

R&D ... work directed toward the innovation, introduction, and improvement of products and processes

Library:

organized collection of unique, primary sources, data sets

... organized systematically and kept for research



Taken together to enable production and use of scholarly communication

Physical Facilities -- Back to our Roots?

- Prime real estate – what is ROI?
- Rise in HE of multi-purpose facilities (libraries)
- Thus bring the outside in



Rethinking Collecting and Resources

- Collections collecting shifts → data, media, born digital
- Significantly reduce the proportion of our budget going into purchasing commodity information –
 - Reinvest in enabling scholarly production
- Focus on unique materials
 - And then how we knit it together



Resource allocation: Collection vs. Special Collections

Re-shifting what we have

95% / 5% collection funding → 90 / 10 budget → 80 / 20 ...

Cataloging / arrangement & description = 96 / 4 →

Staffing model built for paper

Sensitivities: science & health sciences

Public programming 25% / 75%

How do we measure impact?



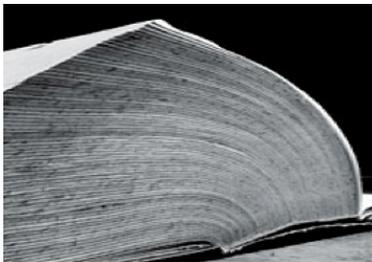
The Book in Evolution

Transitioning from a product-based economy to an experience based economy

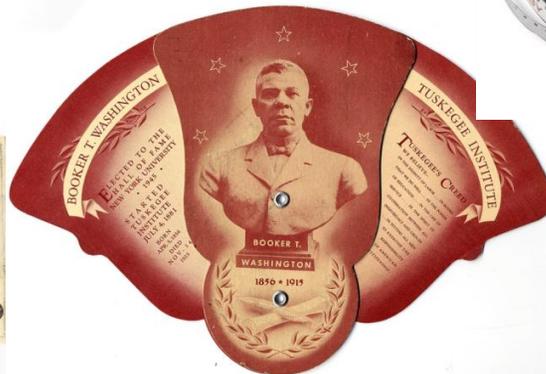
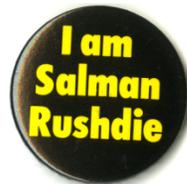
- As the book changes from “words on a page” to interactive digital manifestations of information, future books are evaluated by the experience they create

How well are we positioned to support new dynamic user experiences?

Does GBS hasten transfer of all print books to special collections? Implications?



Emory's Manuscript, Archives, & Rare Book Library



Transformational Collections: an Emory Example

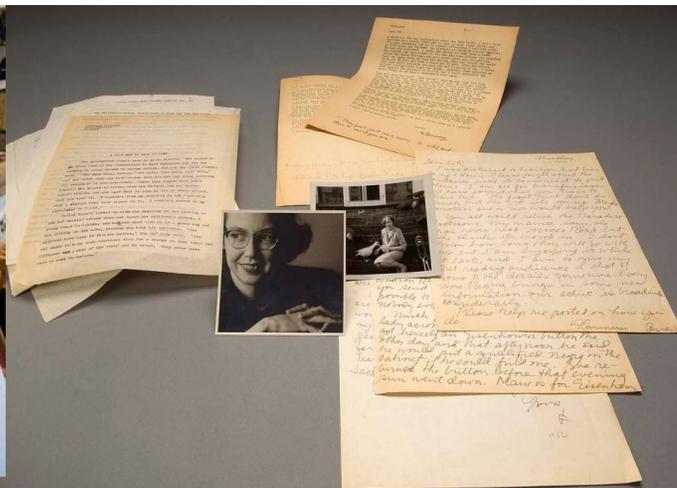
- ◎ Poet Laureate of Great Britain Ted Hughes
- ◎ Nobel Laureate Seamus Heaney
- ◎ Poet Laureate of Great Britain Carol Ann Duffy
- ◎ Noted collector Raymond Danowski Poetry Library
- ◎ Booker of Bookers winner Salman Rushdie
- ◎ Pulitzer-Prize winner Alice Walker
- ◎ Northern Irish Poets: Pulitzer-Prize winner Paul Muldoon, Derek Mahon, Michael Longley, James Simmons, Medbh McGuckian, Tom Paulin, Ciaran Carson



Make Special Collections = Living Archives

Harness power of collection investments integration of

- Public programs (events, exhibits, ... use),
- Learning environments and classrooms
- Digital laboratories
- Raw primary data and materials



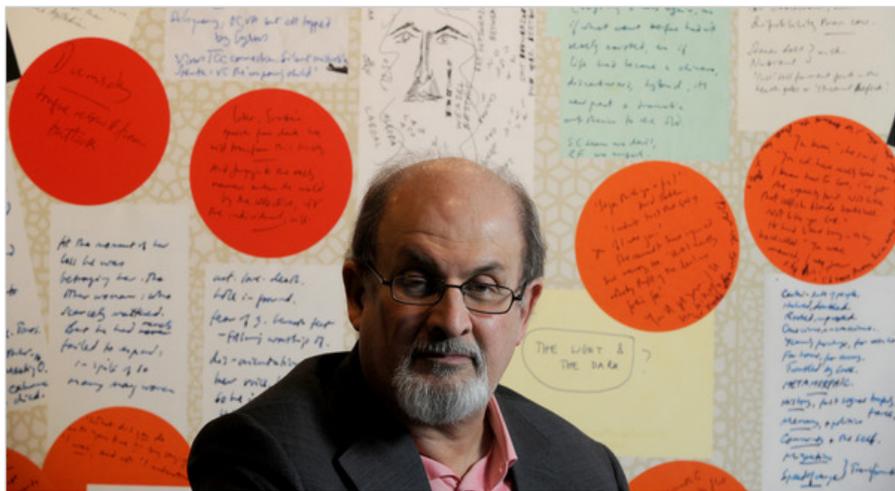
Born Digital Archives



Salman Rushdie's Digital Life



Fending Off Digital Decay, Bit by Bit



Call: Lerner for The New York Times

The digital archives of Salman Rushdie

LAUNCHER



Rushdie's Computer

See files just as he saw them, in an 'emulated' environment



Search / Browse

A database of Rushdie's full-text .pdf and text files



Finding Aid

A description of the complete collection of Rushdie's papers



Help

Instructions for navigation and search, plus a collection overview

The digital archives of Salman Rushdie



Search all digital files >

[Advanced Search](#)

Browse by Fiction v

Browse by Com

Browse Results for FICTION

Recommended instructional copy explains that Browse results include all results for a specific type of work.

136 Results | Results per page 10 20 40 View All

[Previous](#) 1 2 3 4 5 6 7 [Next](#)



98.03i - GANDHI : TIME

On computer [Performa 5400](#)

Path: / [Hard Disk](#) / "STEP ACROSS THIS LINE" / [CRIT : NON-FIC : AFFAIR](#) / **98.03i - GANDHI : TIME**

Type of Work

[More about this result >](#)

Key Words in Context (Suggest 30 words followed by "...". Also, keywords will be bold).



THE TRIPARTITE SYSTEM

On computer [Performa 5400](#)

Path: / [Hard Disk](#) / "THE GROUND BENEATH HER FEET" / [02. EVERYTHING ELSE](#) / **THE TRIPARTITE SYSTEM**

Type of Work

[More about this result >](#)

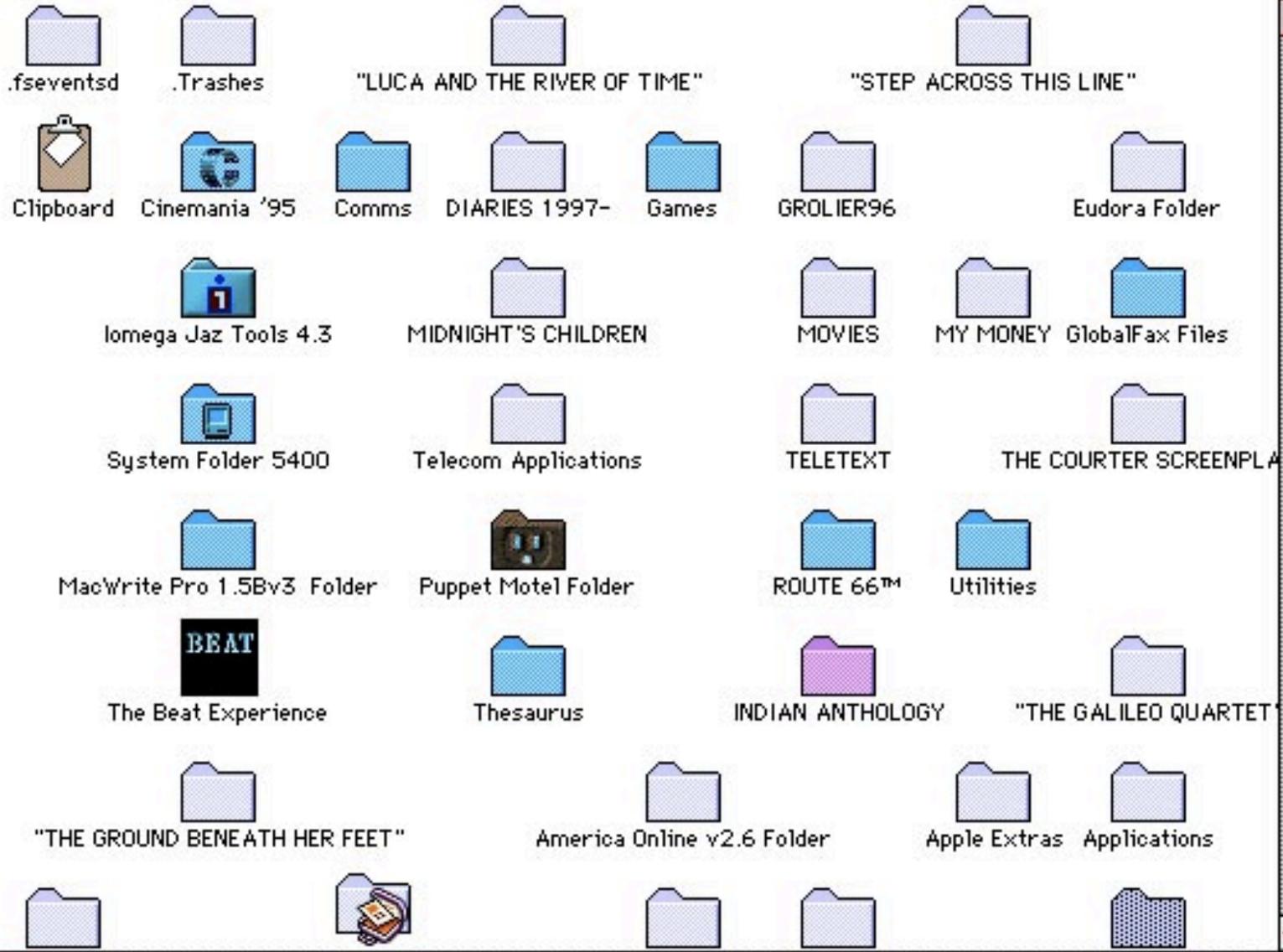
Key Words in Context (Suggest 30 words followed by "...". Also, keywords will be bold).

Hard Disk

47 items

513.5 MB in disk

1 GB available



21st Century Special Collections

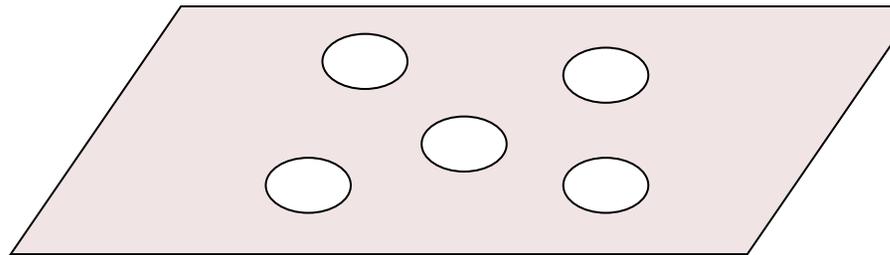
- Acquiring born-digital records in a variety of formats as standard practice; relationship to general collection?
- Greater variety of people using special collections
- Researchers want not just to find records, but to combine them; increased use of multi-media records
- Provenance and context are of essential and the value of resources as **evidence** is central.
- Greater demand for special collections as a virtual space
- Consolidation of services within libraries

Where are next generation of leaders?

Questions for Special Collections

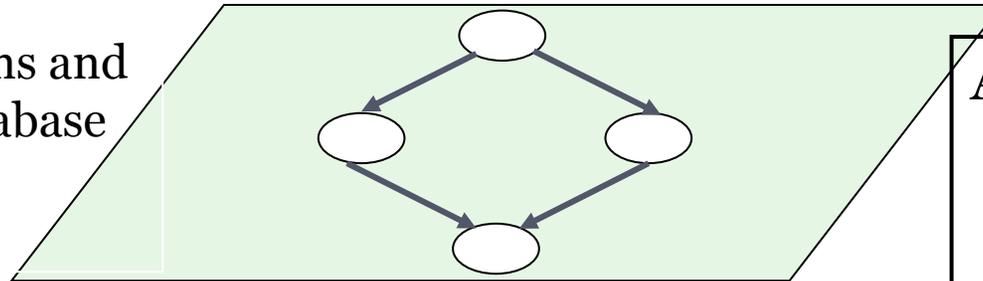
- How should research universities leverage their investment in special collections in the digital age?
- How should we measure the impact of SC's?
- What should the special collections library look like and function in the 21st century?
- Does GBS (etc.) hasten the transfer of all print books to special collections and what are the implications?
- Do all born digital collections belong in special collections?

Project / problem based science teams: interdisciplinary & trans-disciplinary



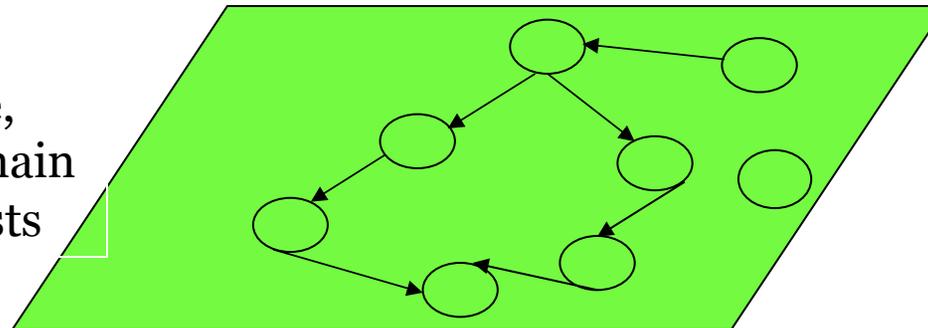
Scientific Domains
(Generating workflows)

Domain experts, systems and application design, database experts, knowledge architects,



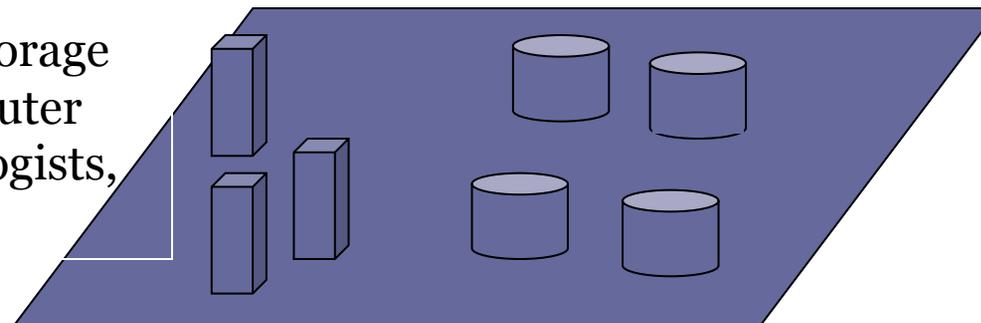
Applications
(Enabling workflows)

Digital library: information science, library science, domain experts, technologists



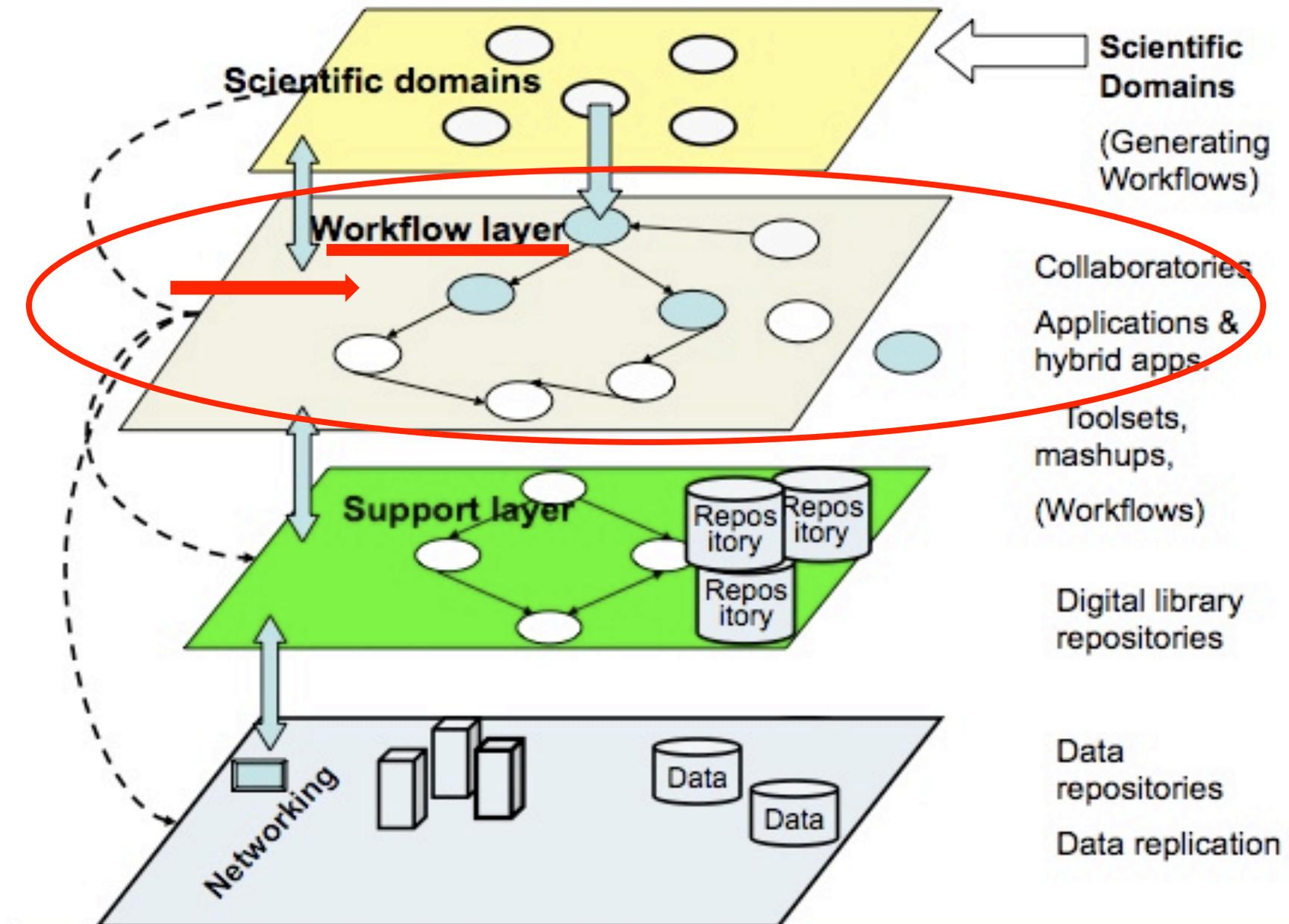
Repository layer
(Supports & preserves workflows)

IT: network & storage engineers, computer science, technologists, systems experts

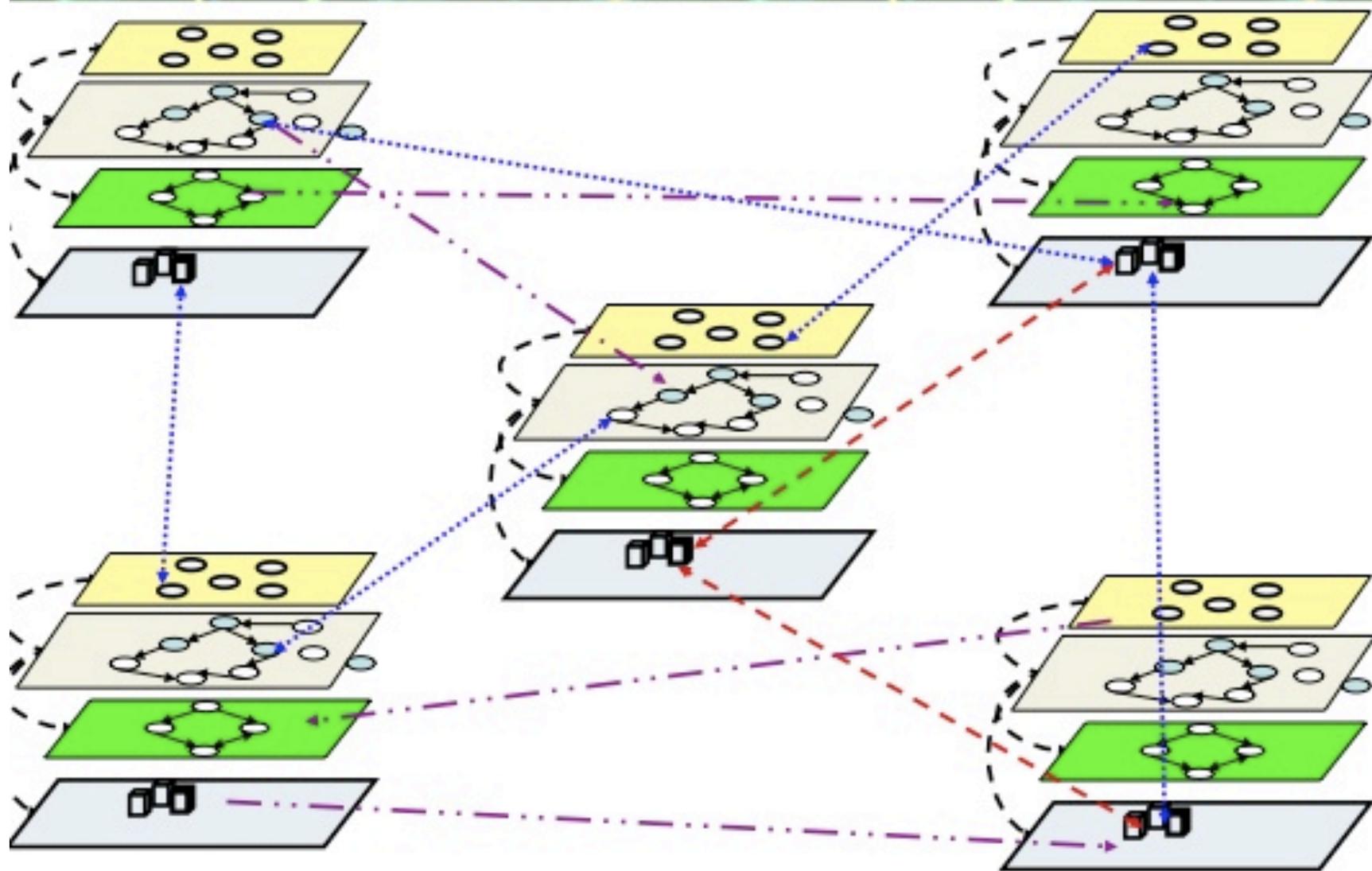


Data and infrastructure
(Enabling infrastructure)

Like a 4 Layer Cake



Coordinating a on multi-institutional scale



Value-added Workflow Opportunities

Large-scale data integration in the sciences

- Requires an automated (and careful) record of the provenance (lineage) of the data
- Precisely record the semantics of any derived data to maintain provenance of those data sets
- Current relational DBMSs (built for business processing) don't work well for scientific data
- Most fields of science do not have systematic means for a scientist to make data available.



National Academies Prepublication



Staffing

- Starting Master's level certificate program in Digital Scholarship and New Media
- Mellon planning grant for digital scholarship commons
- Hosting visiting library fellow, National Science Library, Chinese Academy of Sciences

Partnerships: Outside In & Inside Out

Turning libraries outside in -- and -- staffing inside out

- Bringing classrooms inside, integrating learning spaces
- Faculty collaboration partnerships inside: laboratories
- Moving staff outside → embedded where users live
 - **Informaticians** (practitioners of informatics)
 - **Informationists** (embedded librarians providing research and knowledge management services *in context*)
- Missing in action : agile analytical skills

*Requires new hybrid organizational structures ... at all levels
in the academy ... with a different culture*

...geared to innovation and experimentation

Reinvention of editing in a digital age

- Editing of textual sources: in a broad sense making our primary textual sources usable for scholarly work
- *Help Wanted*: editors who coordinate contributions from many sources and oversee living editions



A new era of editing

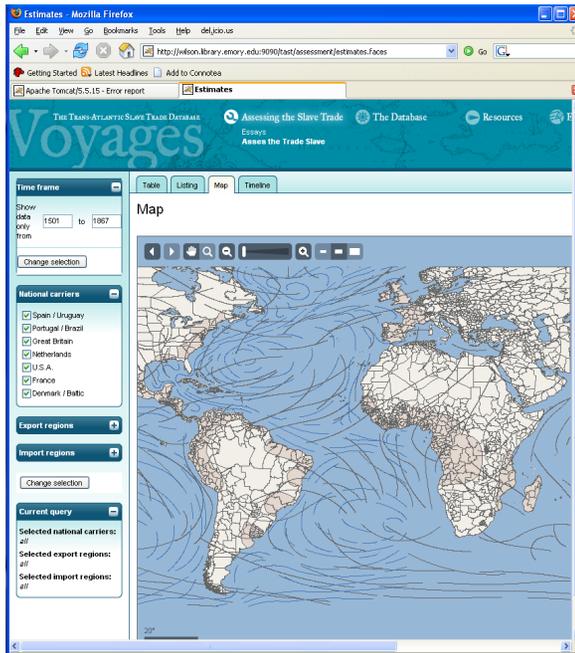
Convergence of metadata description and editing

- 1. Advancing established scholarship**
- 2. Enabling new research** – expand frontiers of research beyond that which was possible in print.
 - ❖ Shift from static publications (and unchanging by legal restrictions) into a world of versioned, dynamic data, i.e., living entities that evolve
 - ❖ An edition that provides demonstrably superior information today is strategically inferior to an edition that can improve over time.
- 3. Systematic annotation** - redefines what readers can expect, and enables editions to interact directly with much larger collections

See: Gregory Crane: *Give us editors! Re-inventing the edition and re-thinking the humanities*

Voyages (Transatlantic Slave Trade Database Online)

Integrated system for quantitative and geographic analysis for interdisciplinary inquiry



Scholars from different institutions and nations collaborate for years to transform their core materials into shared digital resources to create a functional digital environment

- Canonical database chronicling 5 centuries of the transatlantic slave trade
- Creating web infrastructure for international collaboration on assembling primary research knowledge bases

Building a Research Commons at Emory supporting digital scholarship

- **Digital Humanities**
 - Core technologies: page image to text; text to data; one language to another; born digital archives
 - Certificate program in digital scholarship & new media
- **Social Sciences** – data center and GIS support, partner with SSRC faculty
- **Consolidate Sciences & Health Sciences efforts:**
focus on informatics

Documenting History to Confront Distortion

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Holocaust Denial on Trial

Holocaust Denial on Trial: Using History to Confront Distortions

EMORY UNIVERSITY

The Holocaust: Denial & History

The Nazi Holocaust claimed the lives of between 5 and 6 million Jews between 1939 and 1945. Since then, a small group of Holocaust deniers have lied about and minimized this history by deliberately manipulating historical evidence as part of an ideological and racist agenda.



[What was the Holocaust?](#)
[What is Holocaust Denial?](#)
[Deniers vs. History](#)

Learning Tools: Myths & Facts

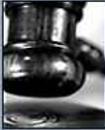
Holocaust deniers freely distort the historical record in order to justify anti-Semitism, racism and fascism. These tools help the novice and expert alike analyze denier claims and refute them with historical evidence including primary-source documents and both Nazi and survivor testimony.



[Myth/Fact Sheets](#)
[Timelines and Glossaries](#)
[Podcasts](#)

Irving v. Lipstadt: Denial on Trial

In 1996 British Holocaust denier David Irving sued professor Deborah Lipstadt for alleged libel. Three courts found for Lipstadt concluding that Irving was a Holocaust denier, an anti-Semite and a racist. The unedited trial documents found below document this important victory for truth and history.



[Expert witness reports](#)
[Day-by-day transcripts](#)
trial [Judgment & Appeal](#)

Continuing Effort: News & Updates

Holocaust denial suffered a sharp blow as a result of the Irving v. Lipstadt trial, however deniers and so-called "revisionists" continue to publicize their ideologically skewed version of history. We provide up-to-date news, links and resources on denial and its continued impact on culture.



[Links](#)
[Holocaust Denial in the News](#)
[Deborah Lipstadt's Blog](#)

Holocaust Denial in the News

[More >>>](#) XML

Highlights

Online Holocaust Denial and Hate Podcast Series:

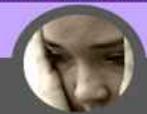
[HDOT's new podcast recordings](#) feature interviews with Dr. Saul Friedlander, Father John Pawlikowski and other leading scholars and intellectuals discussing Holocaust denial and online hate speech. Subscribe to the feed in iTunes to receive new podcasts as we post them.



Further Reading:

[Excellent resource for exploring online hate](#), Oct 1, 2009 XML

MEDIA AWARENESS
home | about us | membership | support



Media Issues

In preparation for HDOT's ([www.hdot.org](#)) spring launch of interactive online lesson plans, we begin a series of reviews of available resources. Please help us design the most useful lessons by [submitting your comments](#).

The Canadian nonprofit [Media Awareness Network](#) (MAN) has a very helpful website for understanding the conjunction of hate and violence in contemporary media. The site features a special focus on

Documenting Smallpox Eradication

[About This Site](#) | [Related Resources](#)

The Global Health CHRONICLES

An inside look at public health efforts to prevent, control and eradicate global disease.

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Using a bifurcated needle, an Indian health worker vaccinates a child. The bifurcated needle was a simple technological advance that became essential in the eradication of smallpox. Unskilled workers could be trained easily to administer vaccine in surveillance and containment activities. Benjamin Rubin of Wyeth Laboratories developed the bifurcated needle, and gave the patent rights to the World Health Organization.



Smallpox: Global eradication of smallpox, by any measure, ranks among the great achievements of humankind.



Guinea worm: A painful and debilitating infestation contracted by drinking stagnant water contaminated with Guinea worm larvae.



Malaria: The origin of CDC's disease prevention and eradication programs.

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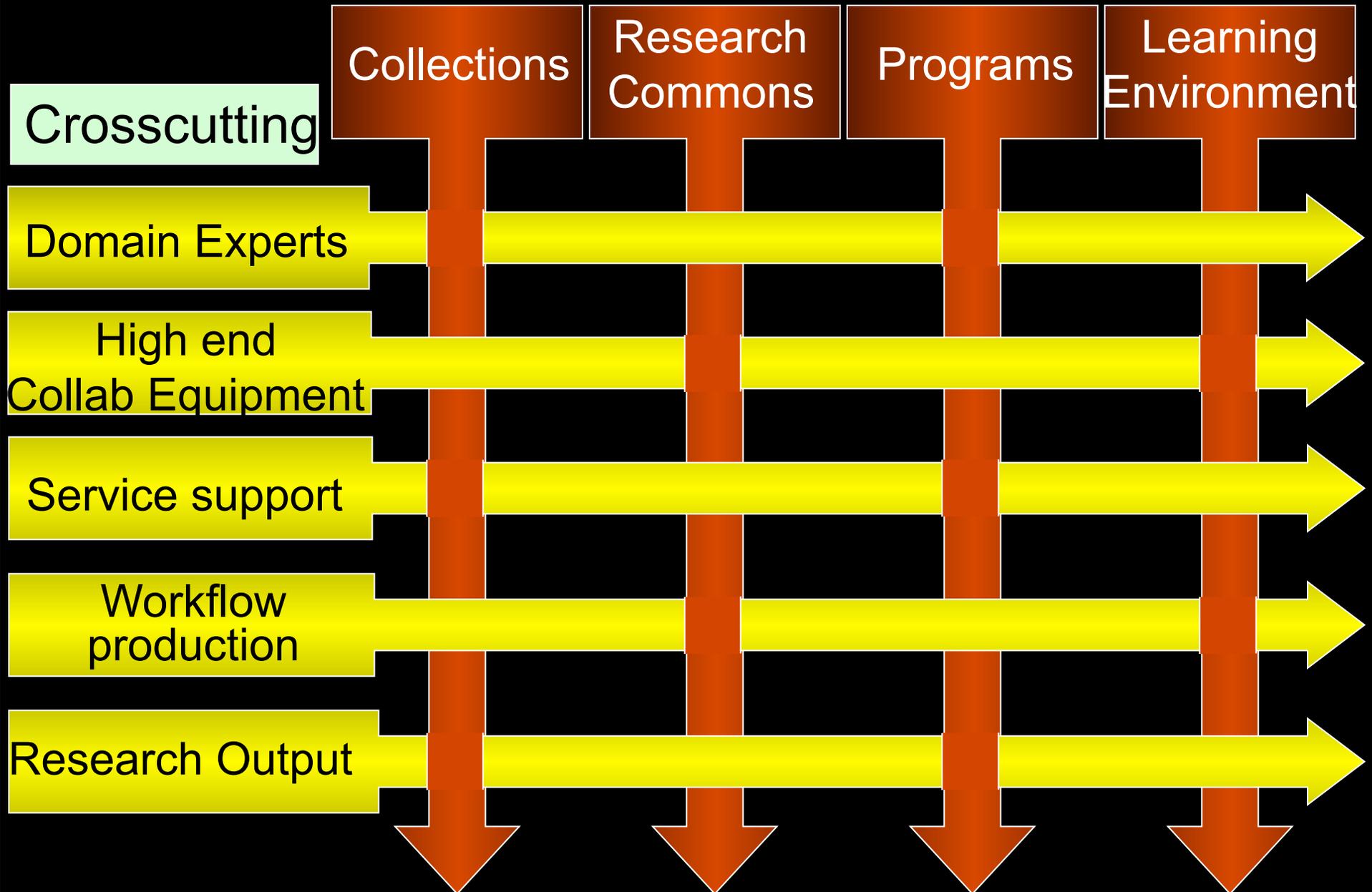
Emory Global Health Institute



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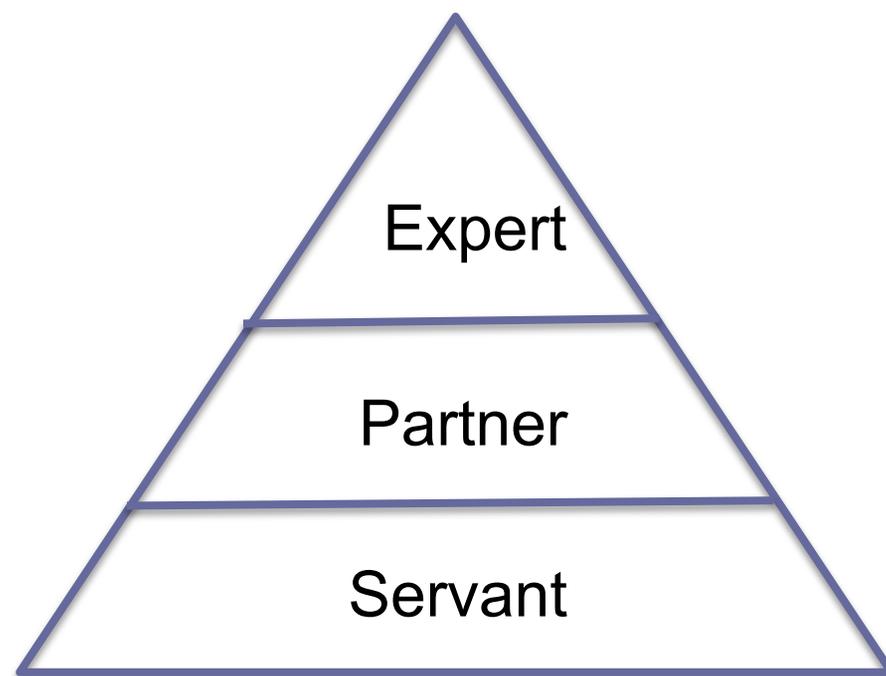
Coupling Strategy



Hardest question: what to stop doing ... ?

Are these candidates?

- Branches
- Morning hours
- Subject web pages
- Photocopies
- eReserves
- Ready reference
- Database searching



Lessons

1. Shallow infrastructure wins

- Tension: infrastructure requires a shared layer and needs to be discipline agnostic, while supporting discipline requirements
- Clouds – getting data in and out is a problem
 - ❖ Failure of risk management analysis at scale

2. Act on what is core – can we agree what that is?

3. Perfect is enemy of the good: thus change our DNA

4. Well functioning workflow support is value-added

- Data curation
- Editing rich content



Culture eats strategy for breakfast every time

We need to get focused on culture