

Yale

Model for Campus-Wide Digital Content Strategy

Office of Digital Assets & Infrastructure
JISC - CNI 07 2010

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Agenda

- **Introduction to ODAI**
- **Cultural Shifts & Transformations**
- **The Bridge**

1. What is ODAI?

First, what it is not

Not the Library



Not ITS



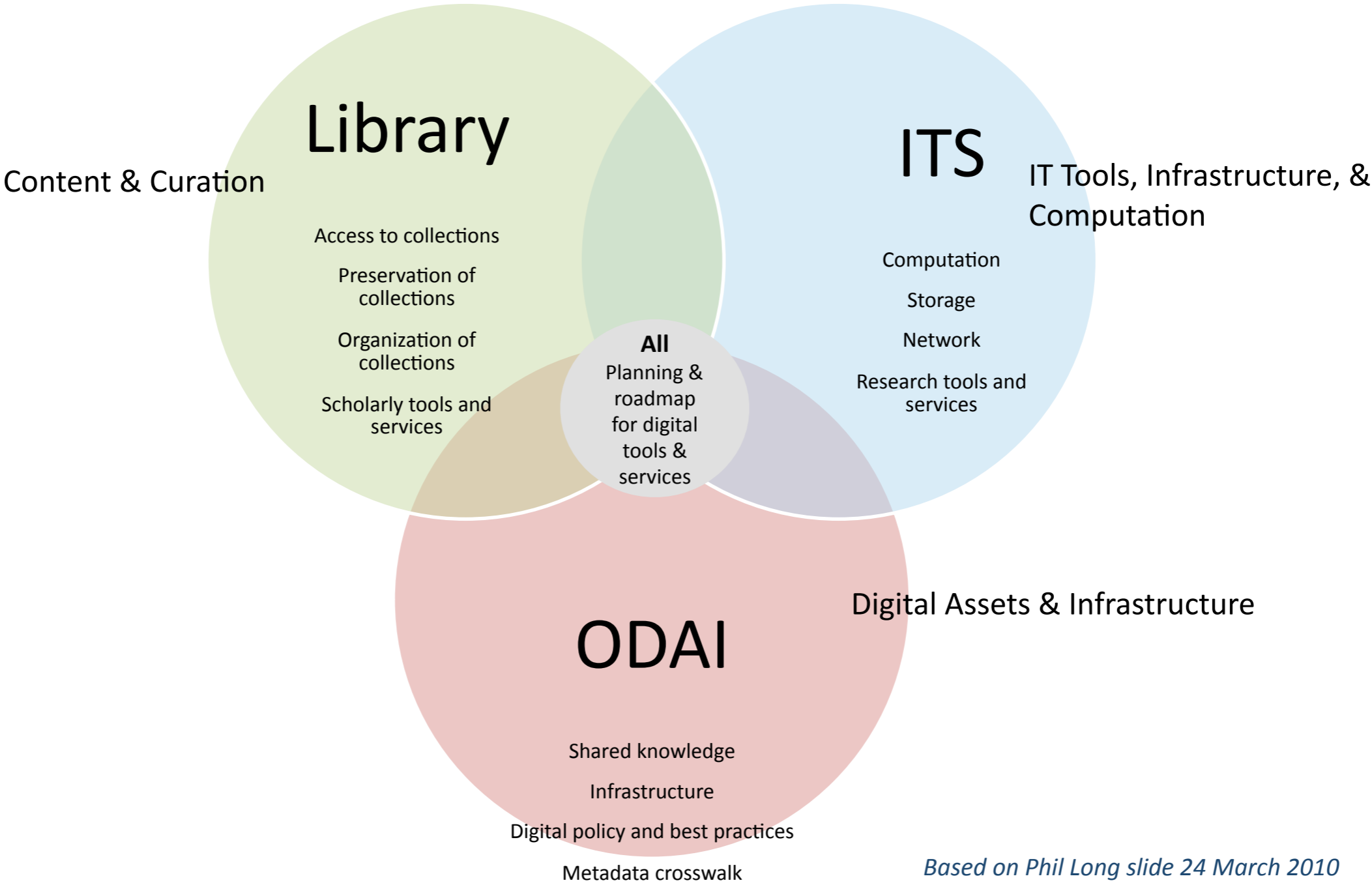


A New Model

Essential Elements for Success (not location)

- **University-level administrative support**
- **Independent budget**
- **Mission-focused/first priority**
- **Unencumbered by tradition/specific domains of practice**
- **Nurtures collaboration**

Conceptual Service Map



Based on Phil Long slide 24 March 2010

Reporting

Yale University Calendar | A-Z Index GO Y

About Yale | University leadership & organization

<p>Yale home</p> <p>About Yale</p> <p>President's welcome</p> <p>Yale facts</p> <p>History</p> <p>University leadership & organization</p> <p>Governance & historic documents</p> <p>Select policies & procedures</p> <p>Financial overview</p> <p>Other advisory bodies</p> <p>Visiting Yale</p> <p>Academic programs</p> <p>Admissions</p> <p>Health & medicine</p> <p>Working at Yale</p>	<p>Officers of the University</p> <p>President Richard Charles Levin, B.A., B.Litt., Ph.D.</p> <p>Provost Peter Salovey, A.B., M.A., Ph.D</p> <p>Vice President and Secretary Linda Koch Lorimer, B.A., J.D.</p> <p>Vice President and General Counsel Dorothy Kathryn Robinson, B.A., J.D.</p> <p>Vice President for New Haven and State Affairs and Campus Development Bruce Donald Alexander, B.A., J.D.</p> <p>Vice President for Development Ingeborg Theresia Reichenbach, STAATSEXAMEN</p> <p>Vice President for Finance and Business Operations Shauna Ryan King, B.S., M.B.A.</p>	<p>Related links</p> <p>The Yale Corporation</p> <p>University organizational chart</p>
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About Yale | University leadership & organization

Yale home	Officers of the University	Related links
About Yale	President	The Yale Corporation
President's welcome	Richard Charles Levin, B.A., B.Litt., Ph.D.	University organizational chart
Yale	Provost	
History	Peter Salovey, A.B., M.A., Ph.D	
University leadership & organization	Vice President and Secretary	
Governance & historic documents	Linda Koch Lorimer, B.A., J.D.	
Select policies & procedures	Vice President and General Counsel	
Financial overview	Dorothy Kathryn Robinson, B.A., J.D.	
Other advisory bodies	Vice President for New Haven and State Affairs and Campus Development	
Visiting Yale	Bruce Donald Alexander, B.A., J.D.	
Academic programs	Vice President for Development	
Admissions	Ingeborg Theresia Reichenbach, STAATSEXAMEN	
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Provost

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	Shauna Ryan King, B.S., M.B.A.	

Provost

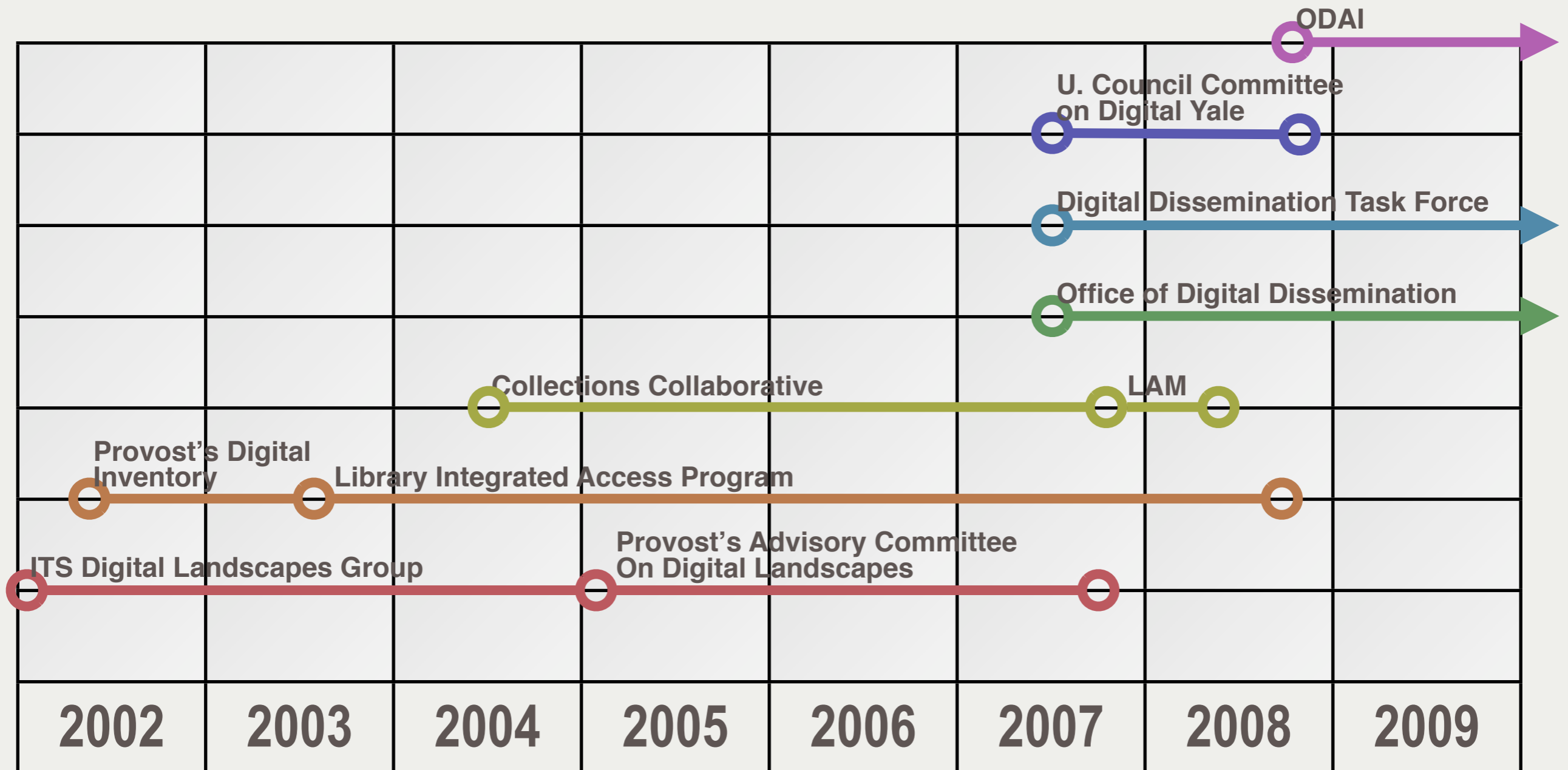
VP & Secretary

**The Whole is Greater
than the Sum**

Timeline of Digital Stewardship

2002	2003	2004	2005	2006	2007	2008	2009

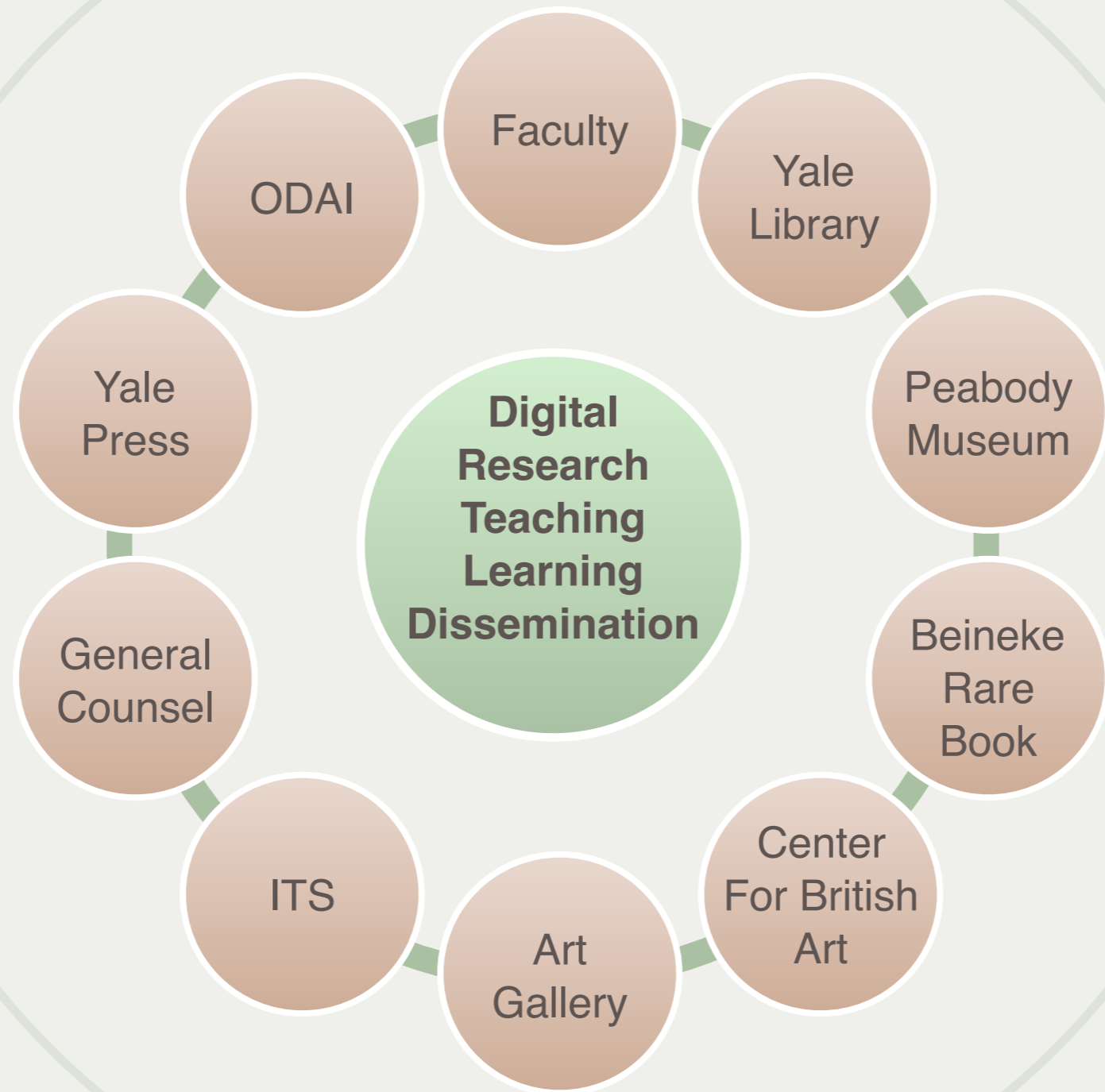
Timeline of Digital Stewardship



“Thus, the digital landscape is woven into the basic fabric of our activity, and it is not confined to one sector of the community. In essence, technology leverages the existing assets of the University. Those assets are, first and foremost human capital: student, faculty, and staff. This is followed by Yale’s collections and its global reputation.

– Draft report of the Digital Landscapes Committee

Advisory Committee



ODAI Mission

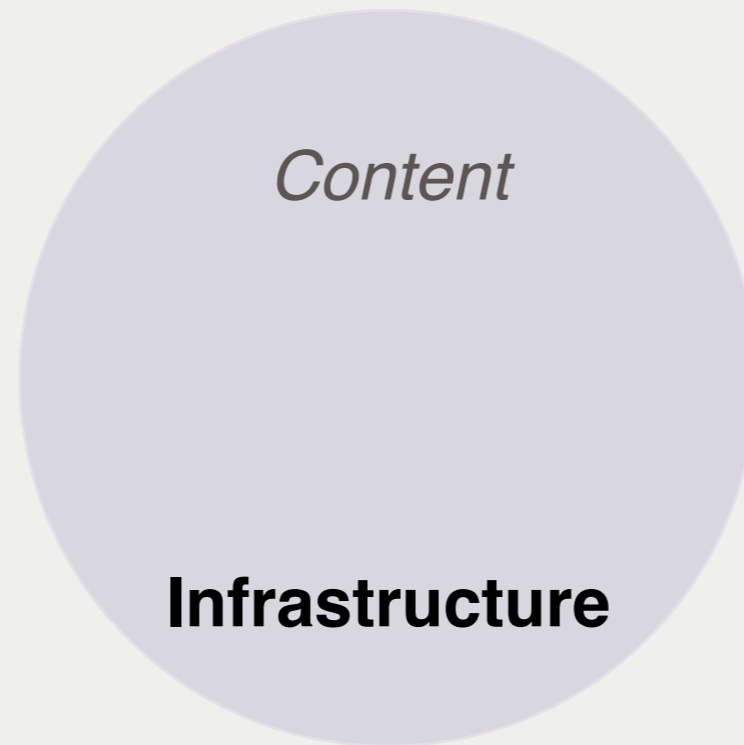
Drawing upon the extensive faculty and staff resources of the campus, accelerate the development of Yale's digital content and infrastructure into a world-class resource that ensures Yale's digital assets will be discoverable and accessible for teaching and research both now and in the future and that provides a platform for disseminating the University's intellectual digital assets.

Digital Ecosystem At Yale

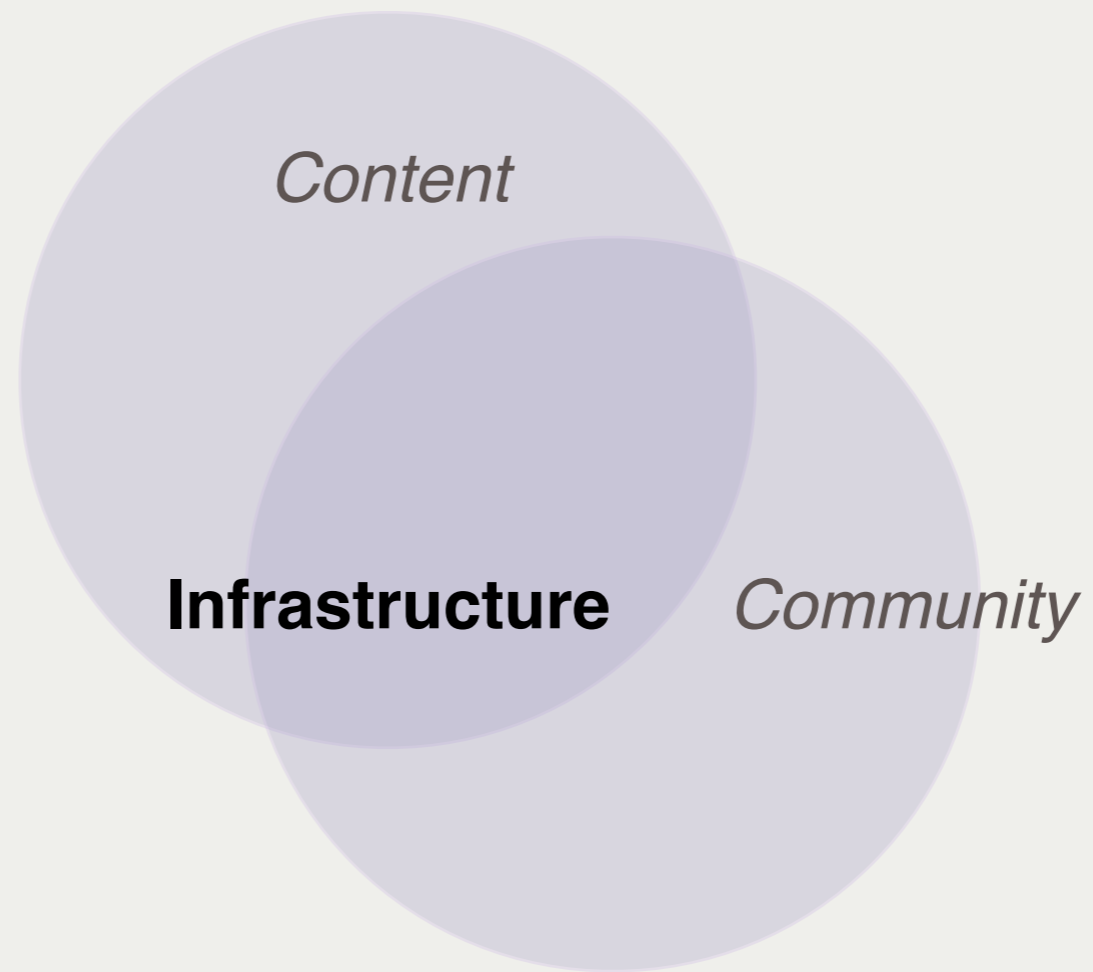
Digital Ecosystem At Yale

Infrastructure

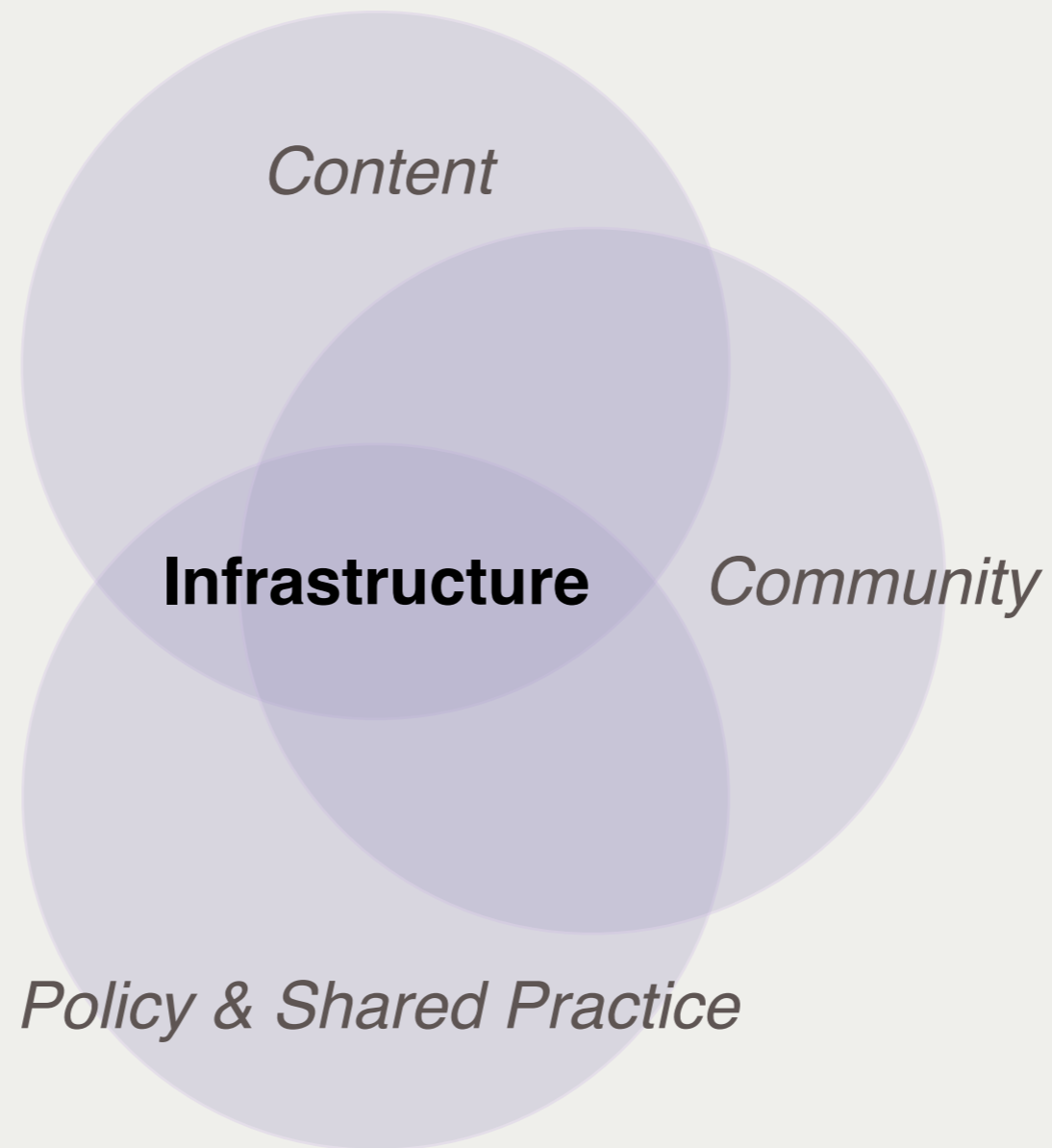
Digital Ecosystem At Yale



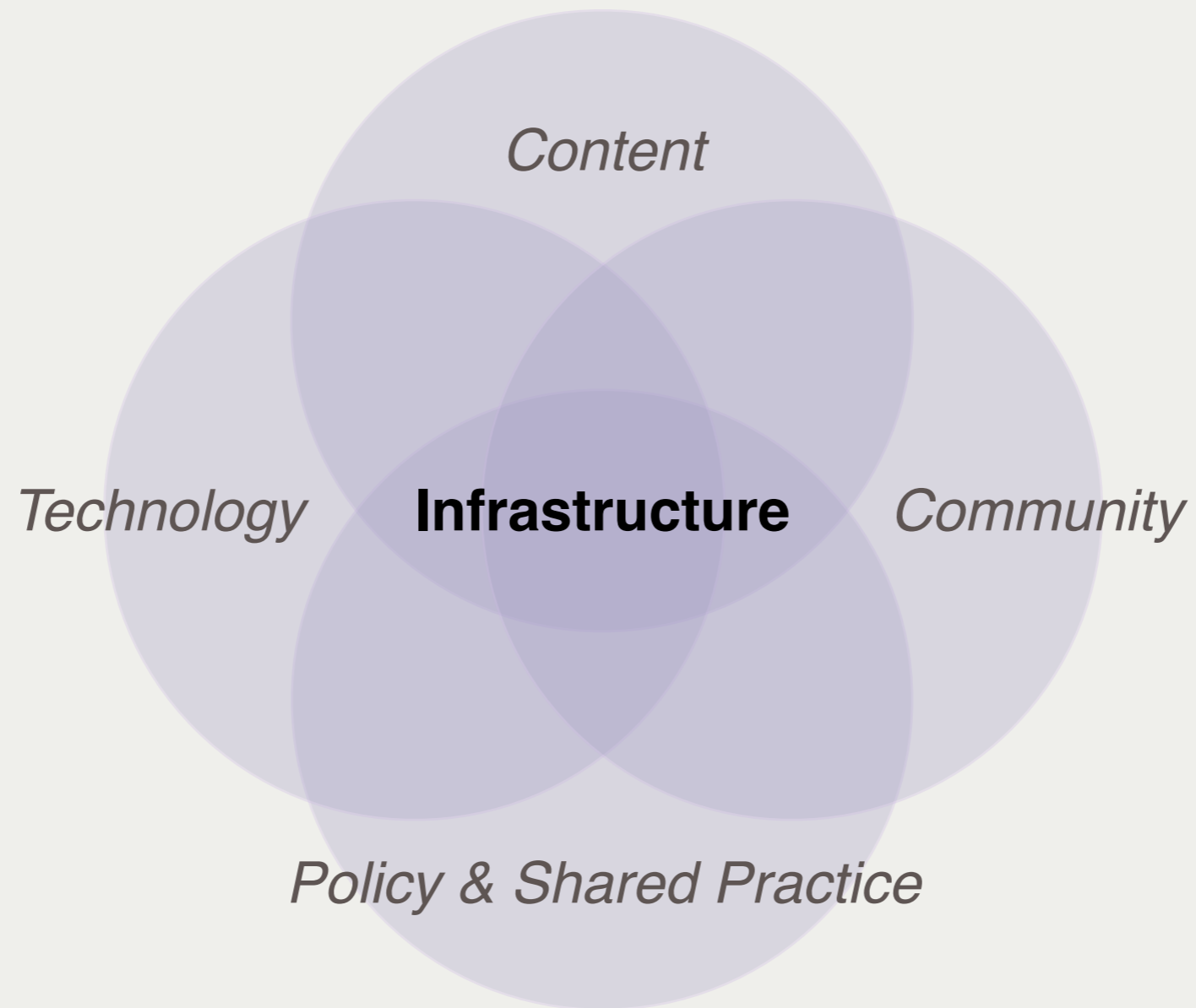
Digital Ecosystem At Yale



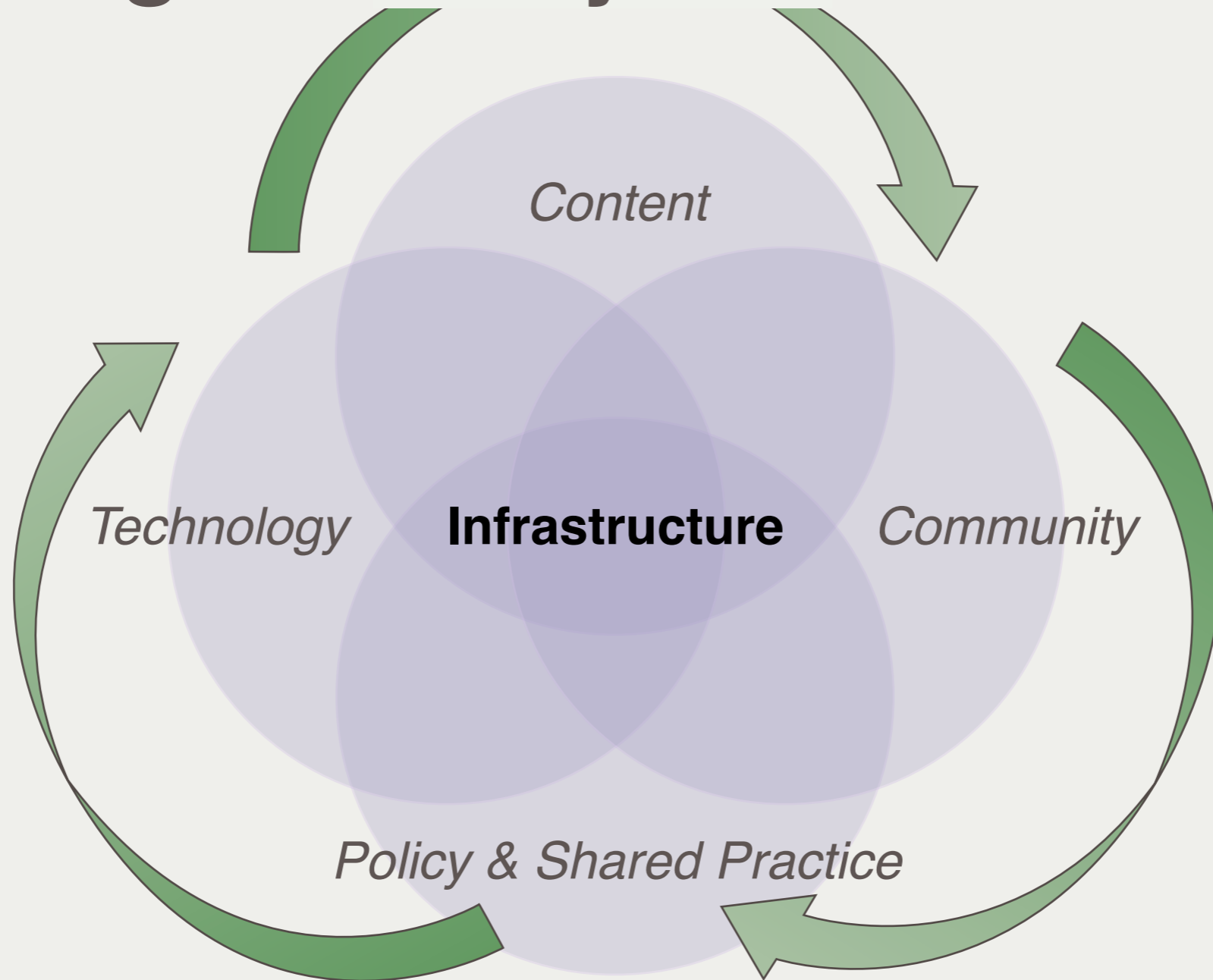
Digital Ecosystem At Yale



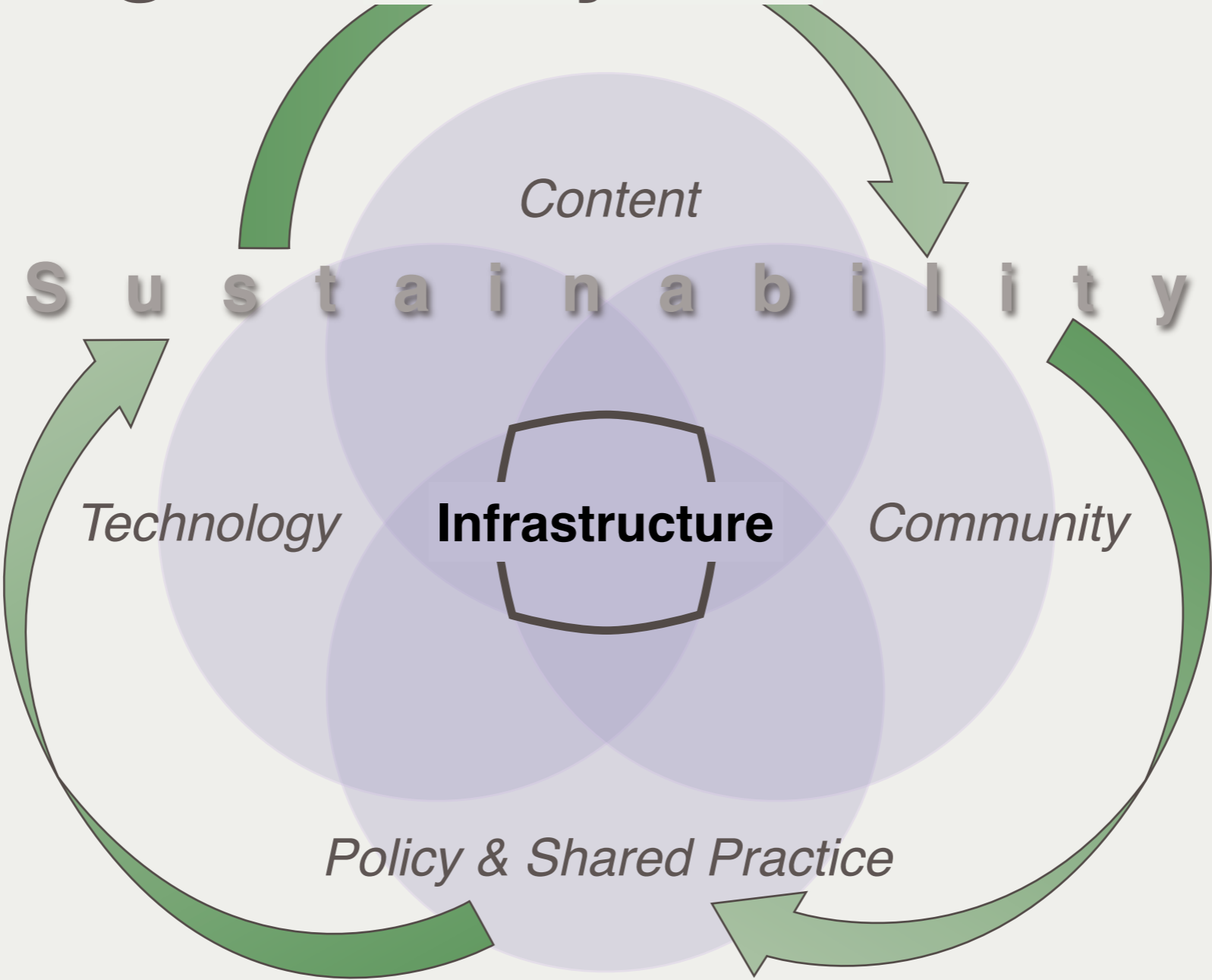
Digital Ecosystem At Yale



Digital Ecosystem At Yale



Digital Ecosystem At Yale



Fragmented Knowledge Infrastructure

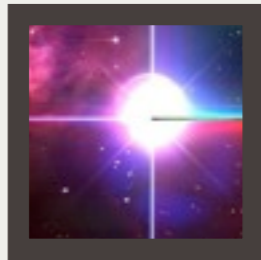
- Exciting times with high energy and great leaps in scholarship and scientific progress

But....

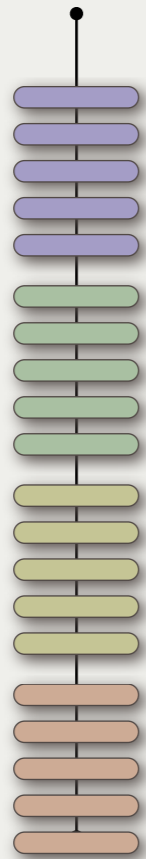
- Fractured information architecture
- Absence of institutional framework
- Uneven content production, sharing, publishing
- Collections develop within silos and are often unstable
- independent technological solutions and systems

Information Silos of the 20th Century

Information Silos of the 20th Century



Research



Application

Management

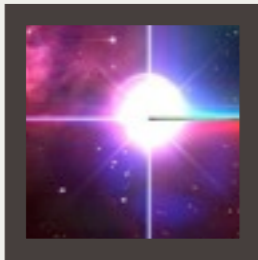
Processing

Utility

Facility

Information Silos of the 20th Century

Application



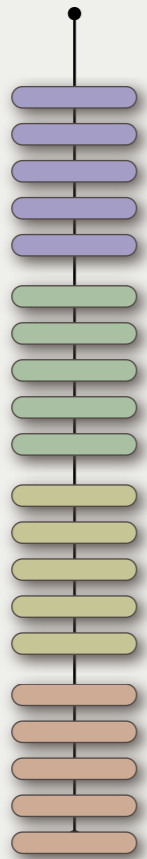
Research

Management

Processing

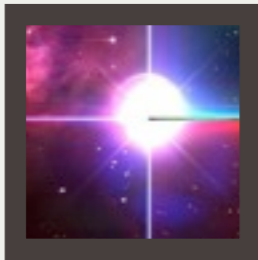
Utility

Facility



Information Silos of the 20th Century

Application



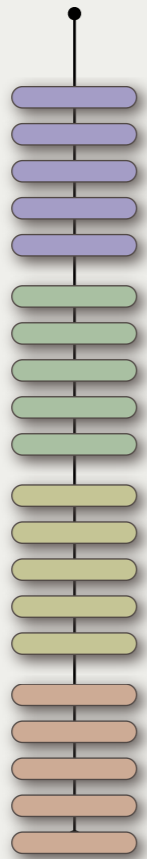
Research

Management

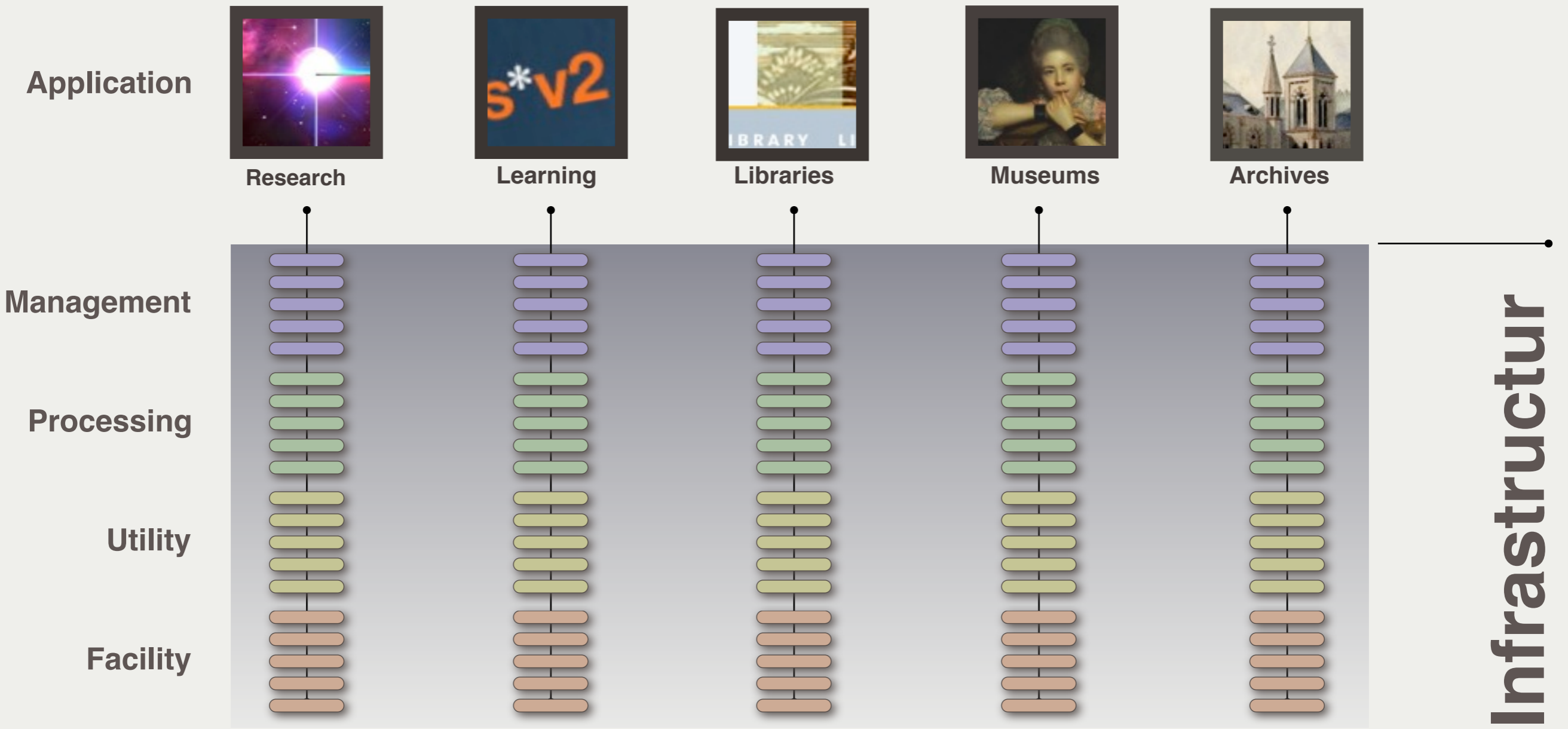
Processing

Utility

Facility

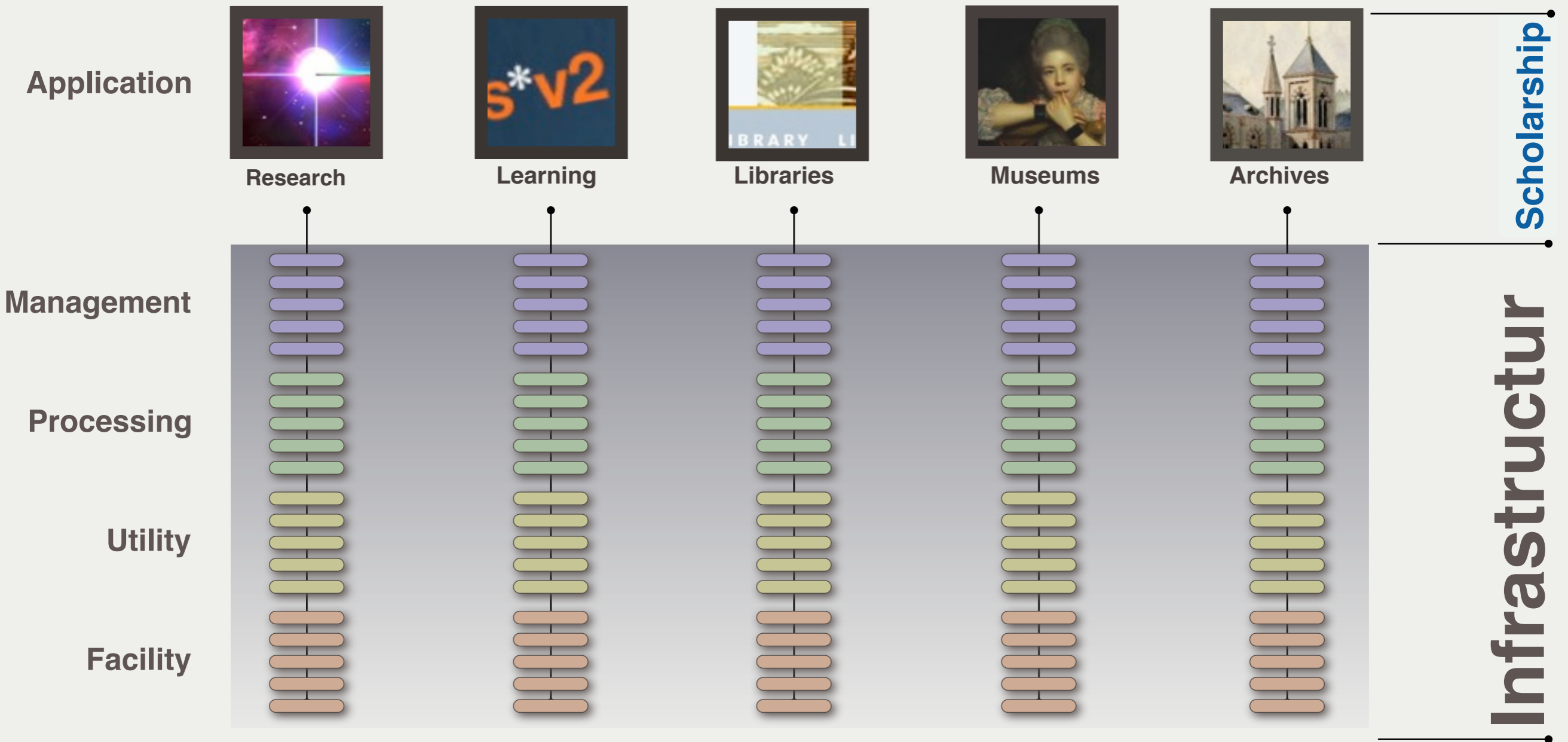


Information Silos of the 20th Century

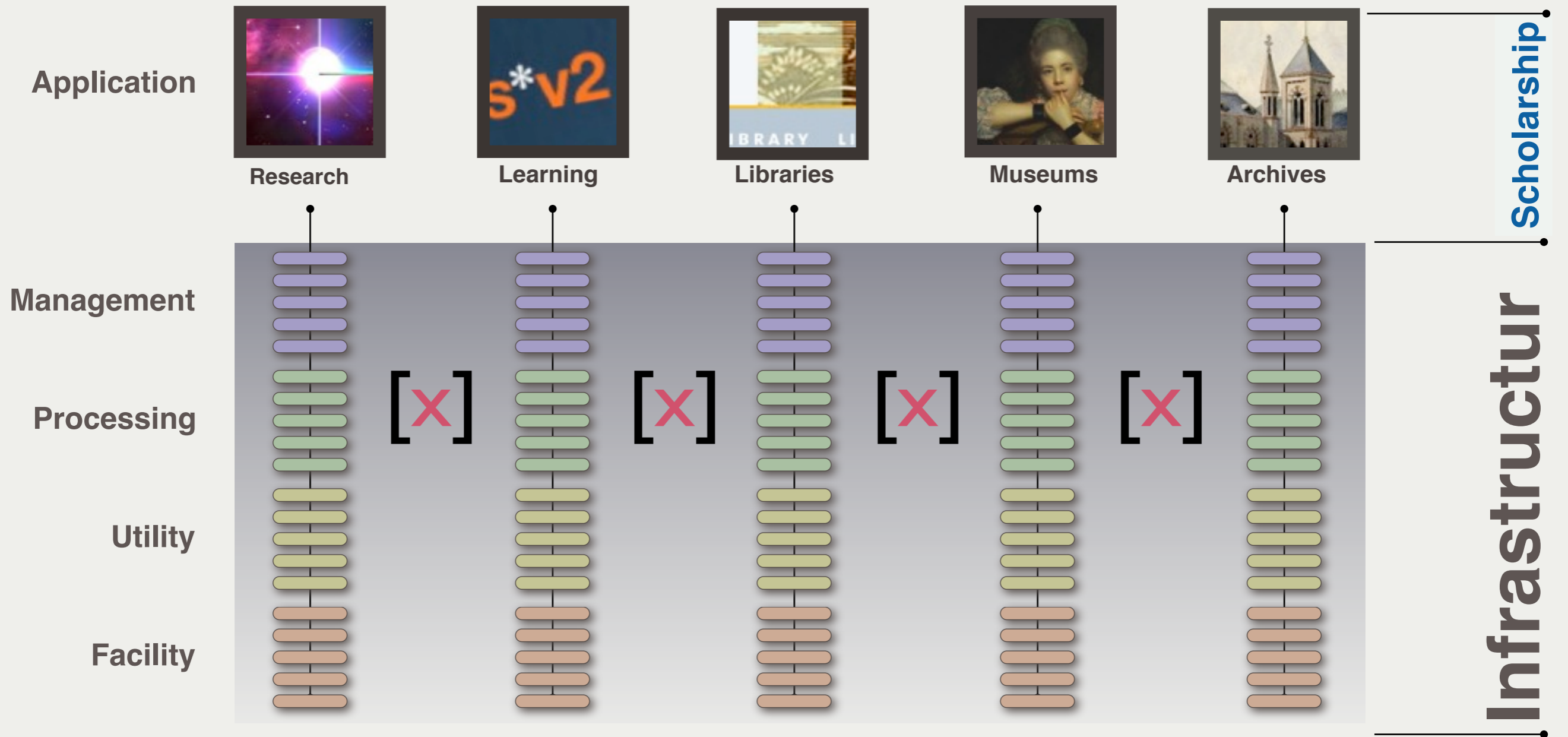


Infrastructure

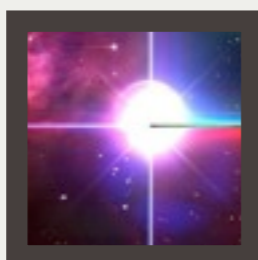
Information Silos of the 20th Century



Information Silos of the 20th Century



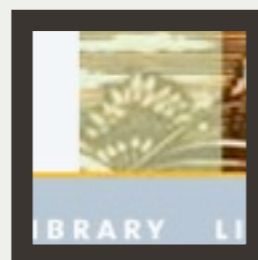
21st Century Scholarly Ecosystem



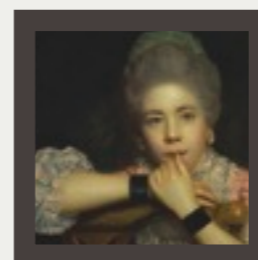
Research



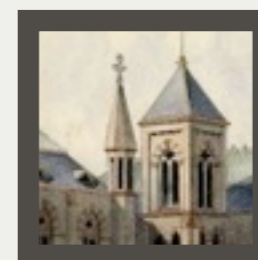
Learning



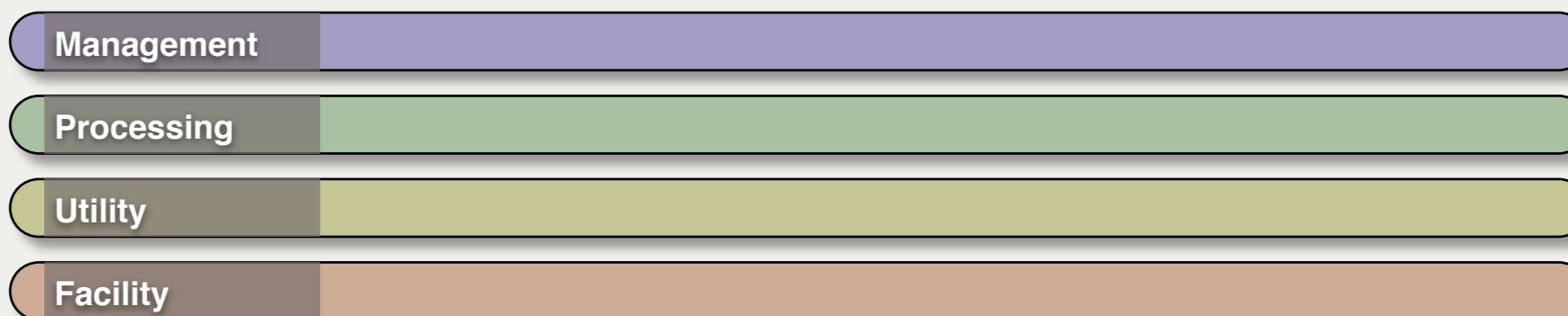
Libraries



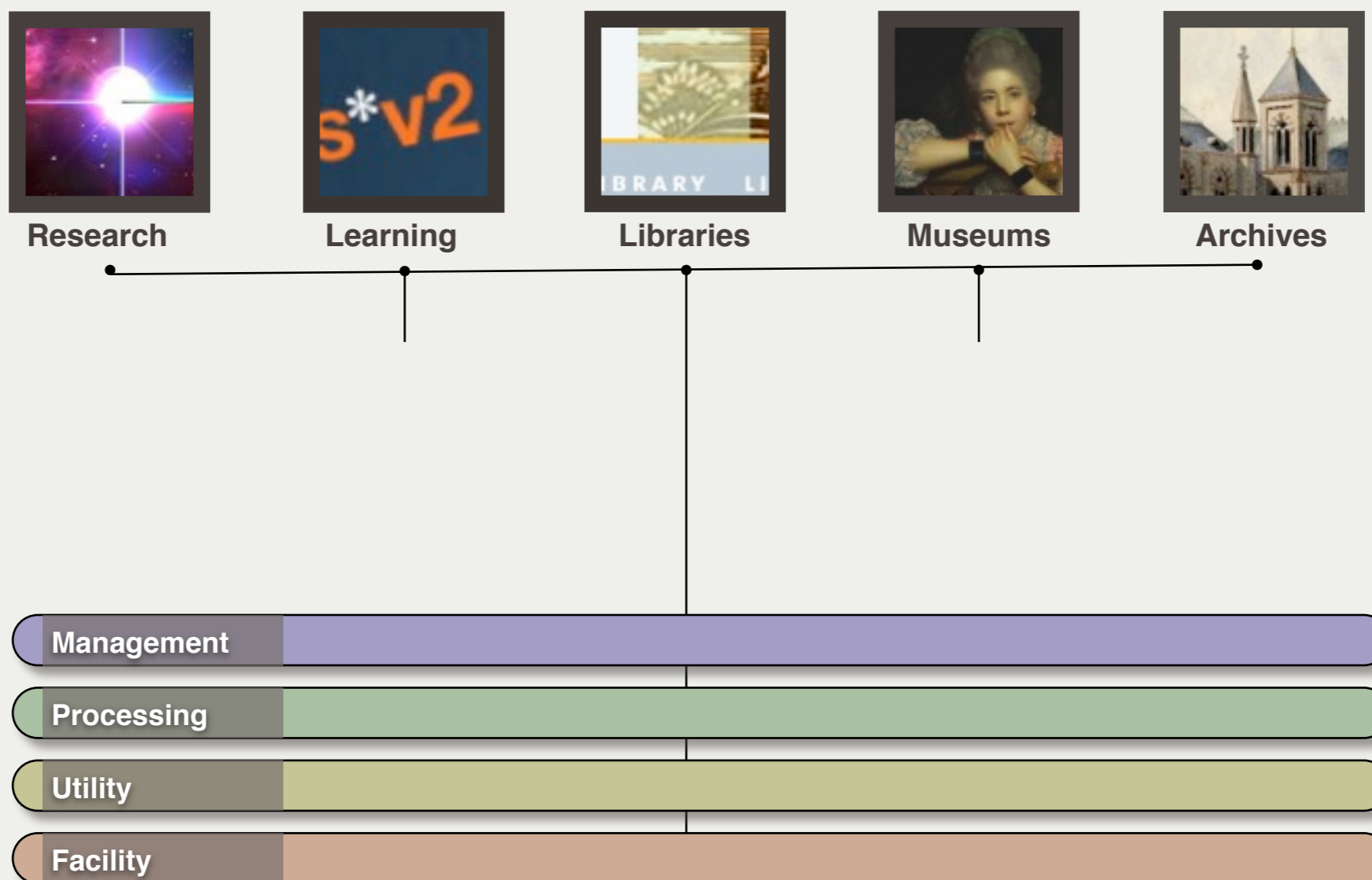
Museums



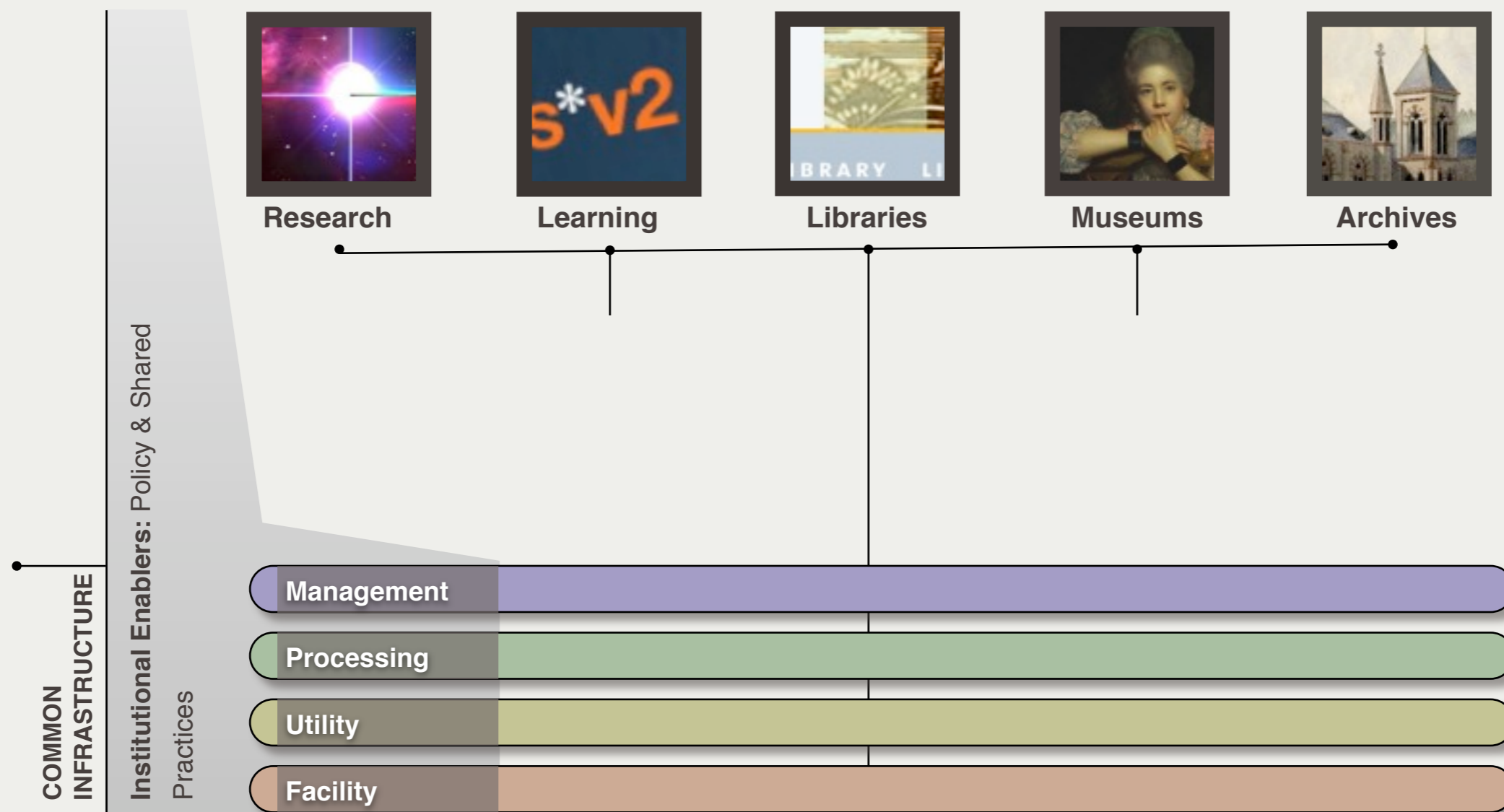
Archives



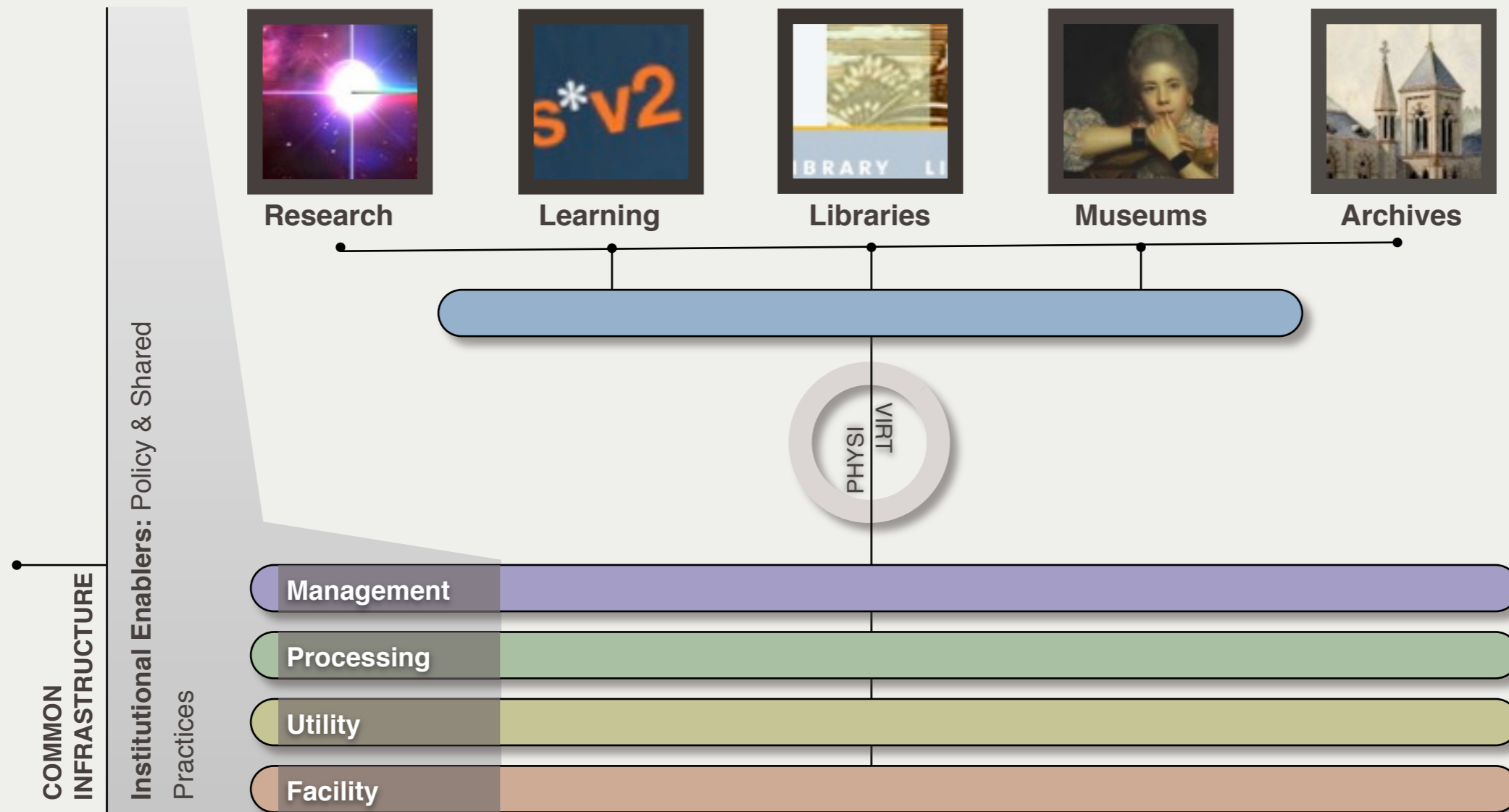
21st Century Scholarly Ecosystem



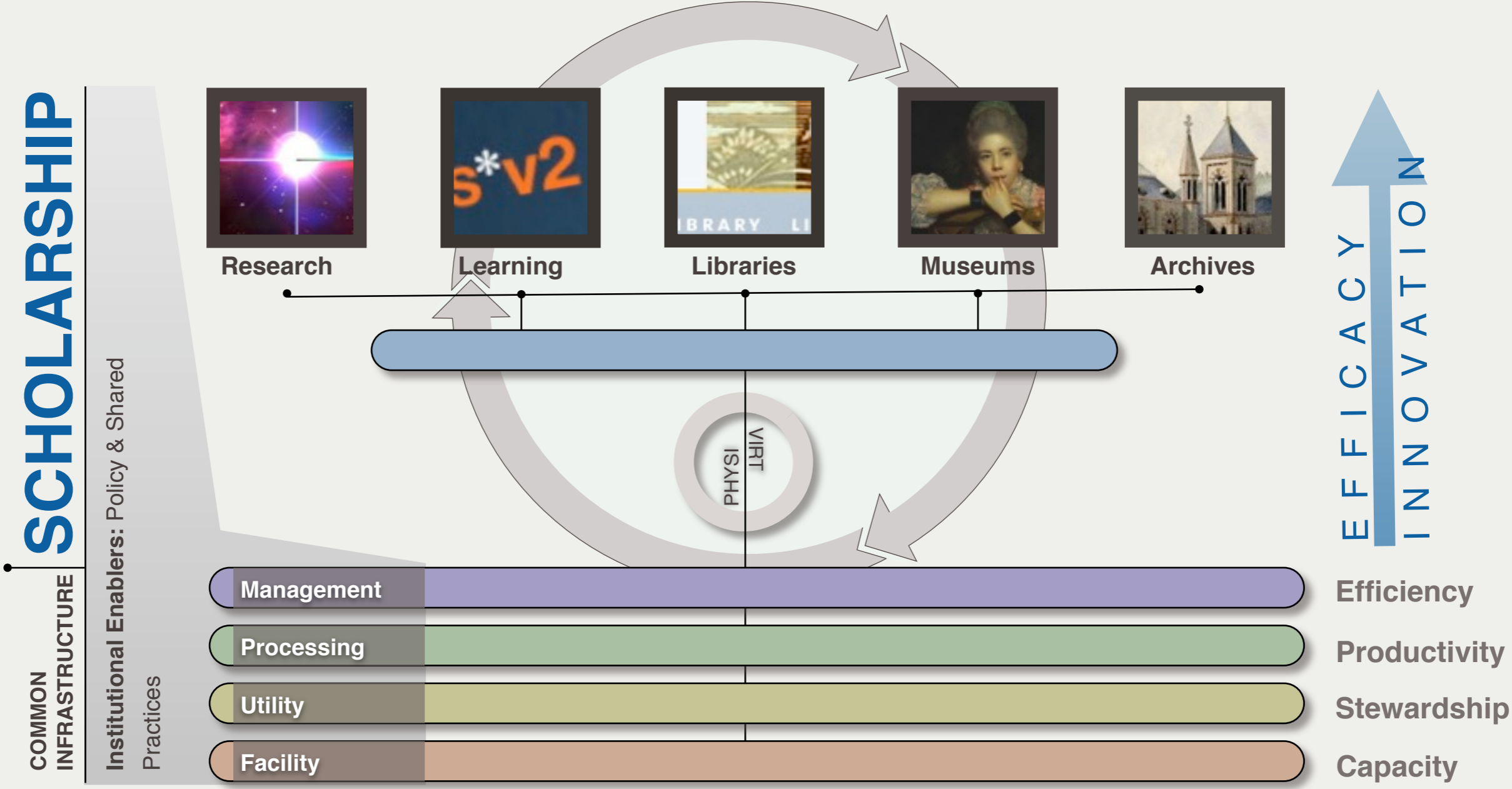
21st Century Scholarly Ecosystem



21st Century Scholarly Ecosystem



21st Century Scholarly Ecosystem

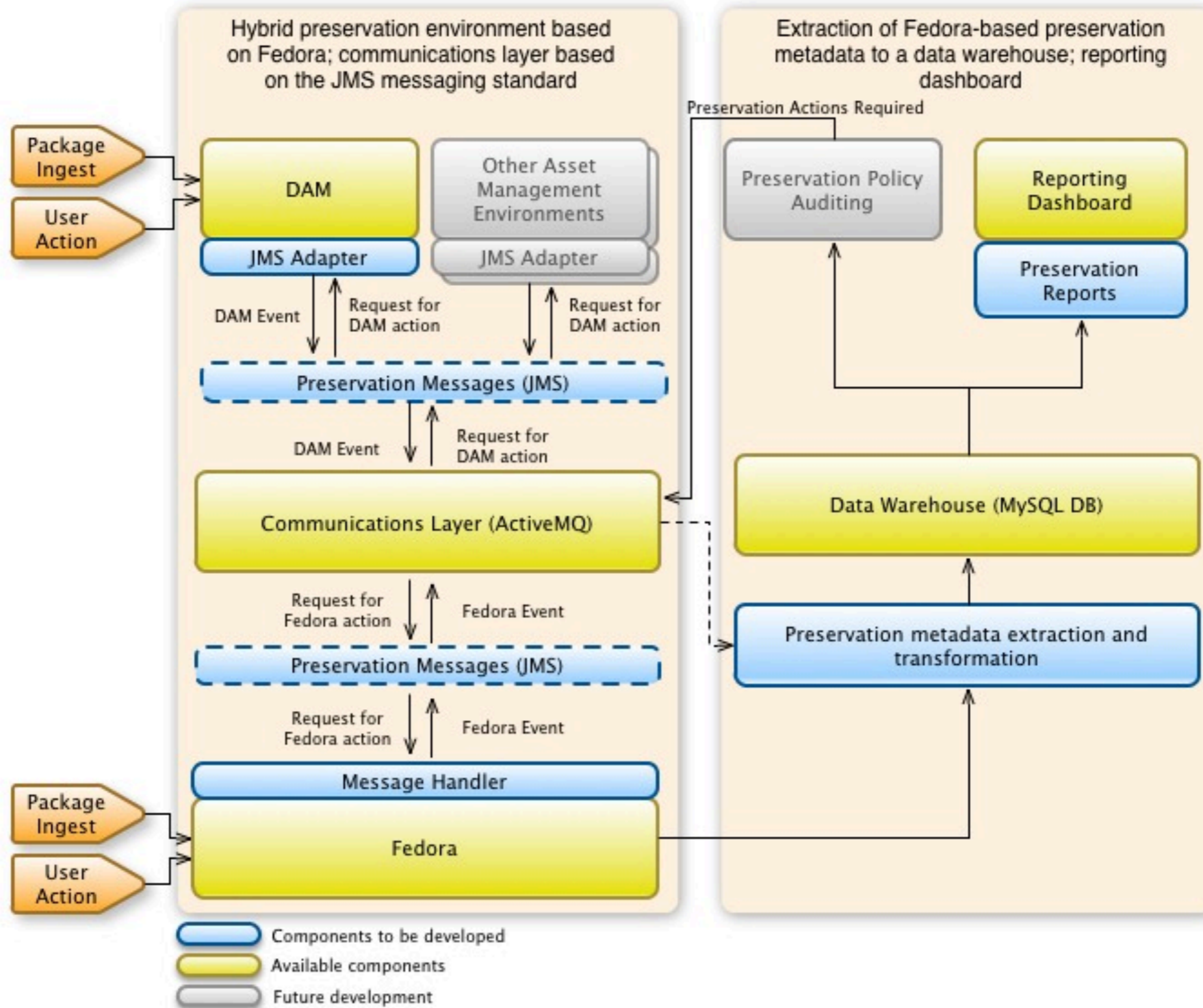


Current Activities: Yale Digital Commons

Shared services for the management and preservation of campus digital assets that include extensible, highly reliable mass storage.

- Digital Asset Management system
- Hybrid model for preservation
- 180 Terabytes of replicated storage
- Persistent Linking Service
- Metadata harvesting and provisioning
- Cross Collection Discovery

Yale Digital Commons Architecture



Current Activities: Research Data

Campus-wide digital stewardship policies and services to address the proliferation of data generated by faculty research and data intensive research activity


- **Research Data Task Force**
- **Data management planning resource site (under construction)**
- **Mass Storage (and curation) Working Group**

Working Group on Mass Storage

- *Develop recommendations for the Scientific Computing Strategic Planning Advisory Committee on an institutionally supported, centrally managed research infrastructure that supports the creation, use, management, and stewardship of digital content in the sciences, engineering, and social sciences at Yale.*

Policy and Shared Practice

XTF: Search Results - Mozilla Firefox
http://odai2.its.yale.edu/xtf/search?browse-all=yes;expand=subject

Office of Digital Assets and Infrastructure **Shared Practices and Policies** 

Bookbag (0)
[Modify Search](#) | [New Search](#)
Browse by Facet | [Title](#) | [Author](#)
Page: 1

Browse by: All
Results: 5 Items
Sorted by:

Subject
[less](#)

- [Acceptance test plan](#) (1)
- [Art prints](#) (1)
- [Audio](#) (1)
- [CDWA-Lite](#) (1)
- [CNRI Handle System](#) (1)
- [Cataloging](#) (1)
- [Collaboration](#) (1)
- [Core metadata elements](#) (1)
- [Credits](#) (1)
- [Cross collection discovery](#) (2)
- [Darwin Core](#) (1)
- [Lighting](#) (1)
- [MODS](#) (1)
- [Metadata crosswalk](#) (1)
- [NOID minter](#) (1)
- [OAI Dublin Core](#) (1)
- [OAI-PMH](#) (1)
- [OAI-PMH sets](#) (1)
- [Persistent linking service](#) (1)
- [Qualified Dublin Core](#) (1)
- [SUBJECT 1](#) (1)
- [SUBJECT 2](#) (1)
- [SUBJECT 3](#) (1)
- [SUBJECT 4](#) (1)
- [Shareable metadata](#) (2)
- [Shared practices](#) (1)
- [VRA Core](#) (1)
- [Videotape](#) (1)

1 **Author:** Cross Collection Discovery Task Force [Add](#)
Title: [Cross Collection Discovery Metadata Crosswalk](#) pdf
Published: 2009, Office of Digital Assets and Infrastructure, Yale University
Subjects: [Cross collection discovery](#) | [Metadata crosswalk](#) | [Shared practices](#) | [Shareable metadata](#) | [Darwin Core](#) | [VRA Core](#) | [CDWA-Lite](#) | [MODS](#) | [Qualified Dublin Core](#) | [OAI Dublin Core](#) | [OAI-PMH](#) | [OAI-PMH sets](#)
Similar Items: [Find](#)

2 **Author:** AUTHOR (from teiHeader) [Add](#)
Title: [TEMPLATE for Shared Practices and Policies \(from teiHeader\)](#) tei
Published: 2010, Yale University
Subjects: [SUBJECT 1](#) | [SUBJECT 2](#) | [SUBJECT 3](#) | [SUBJECT 4](#)
Similar Items: [Find](#)

3 **Author:** Yale Broadcast and Media Center [Add](#)
Title: [Media Production Guidelines and Specifications](#) tei
Published: 2009, Yale University
Subjects: [Videotape](#) | [Audio](#) | [Lighting](#) | [Credits](#)
Similar Items: [Find](#)

4 **Author:** Riley, Jenn [Add](#)
Title: [Collaboration and Sharing for Art Prints and Beyond at Yale University](#) tei
Published: 2008, Yale University
Subjects: [Shareable metadata](#) | [Art prints](#) | [Core metadata elements](#) | [Collaboration](#) | [Cataloging](#) | [Cross collection discovery](#)
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