

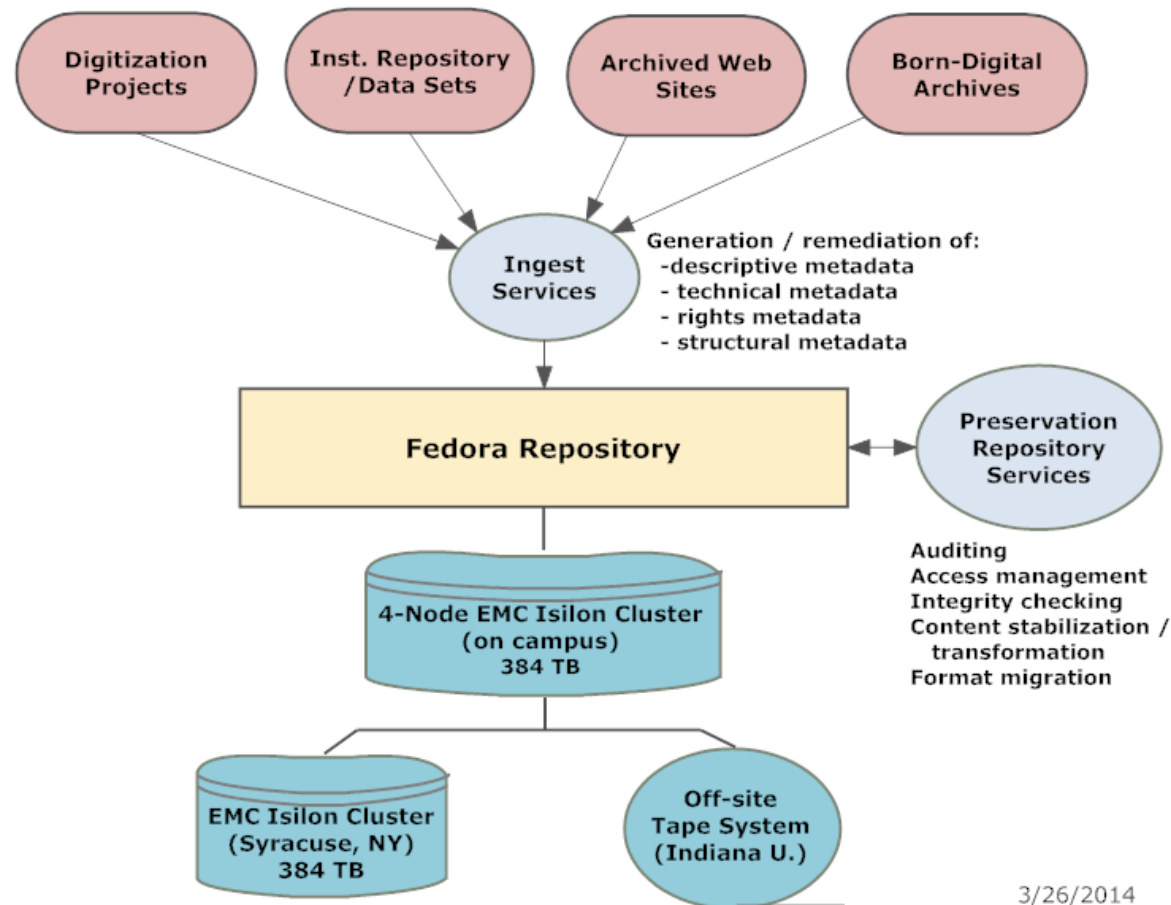
## Digital Preservation at Columbia in the Old Days (2009)



By Eileen Clegg

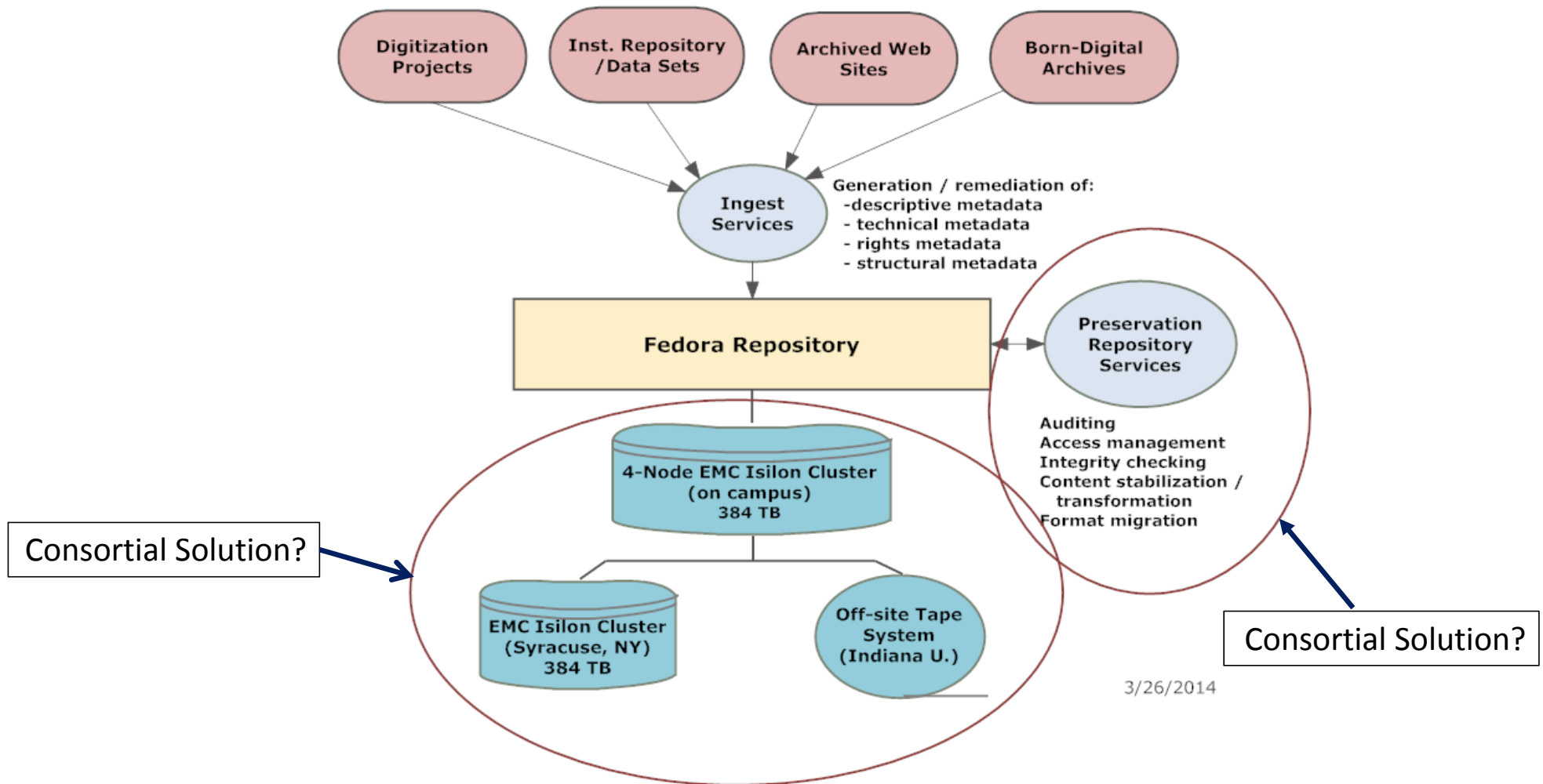
# Digital Preservation at Columbia Now

Columbia University Libraries / Information Systems  
Digital Asset / Preservation Architecture

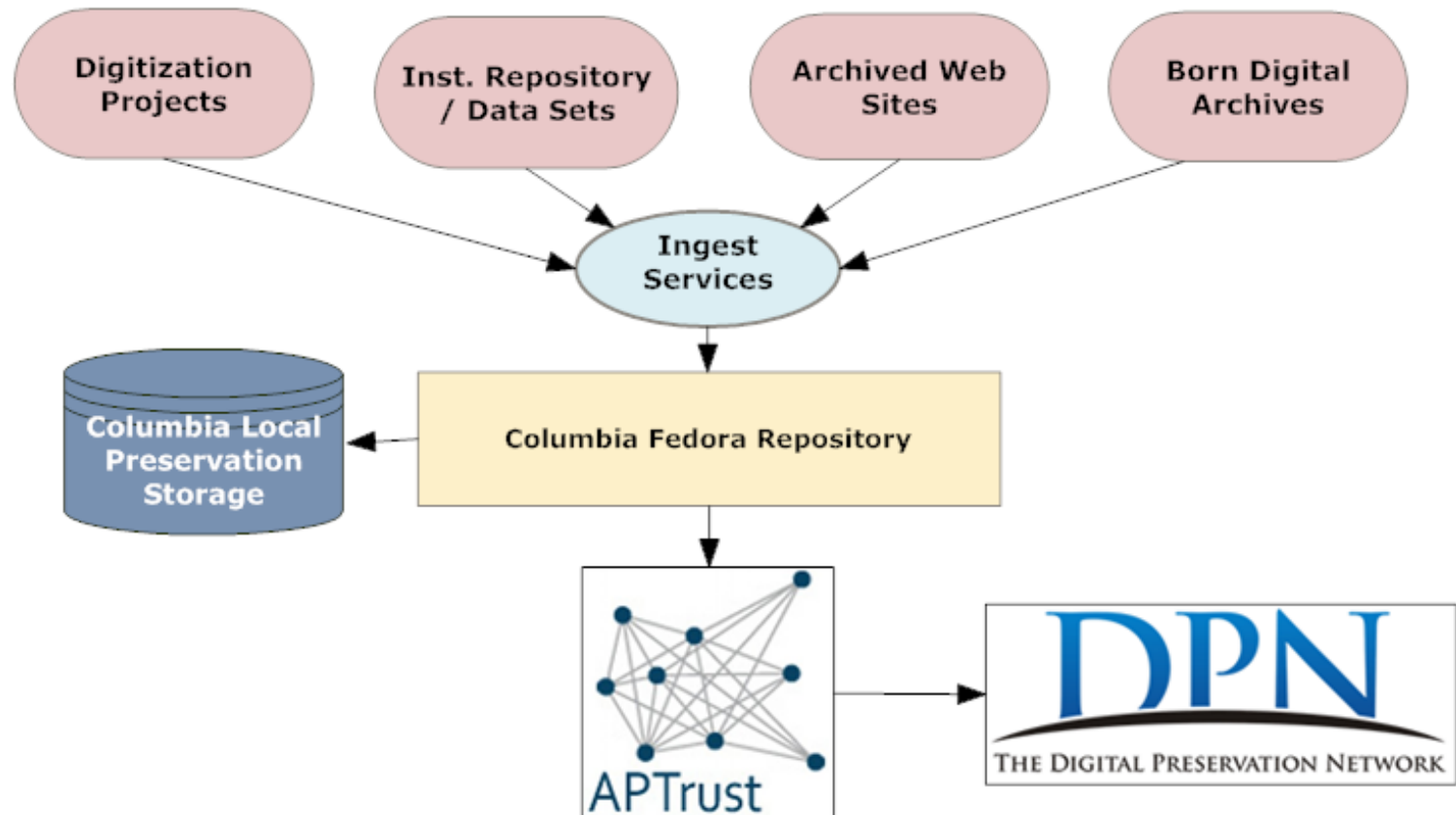


3/26/2014

**Columbia University Libraries / Information Systems  
Digital Asset / Preservation Architecture**



**Columbia University Libraries / Information Systems**  
**Future Digital Asset / Preservation Architecture**



# “Trusted Digital Repositories”

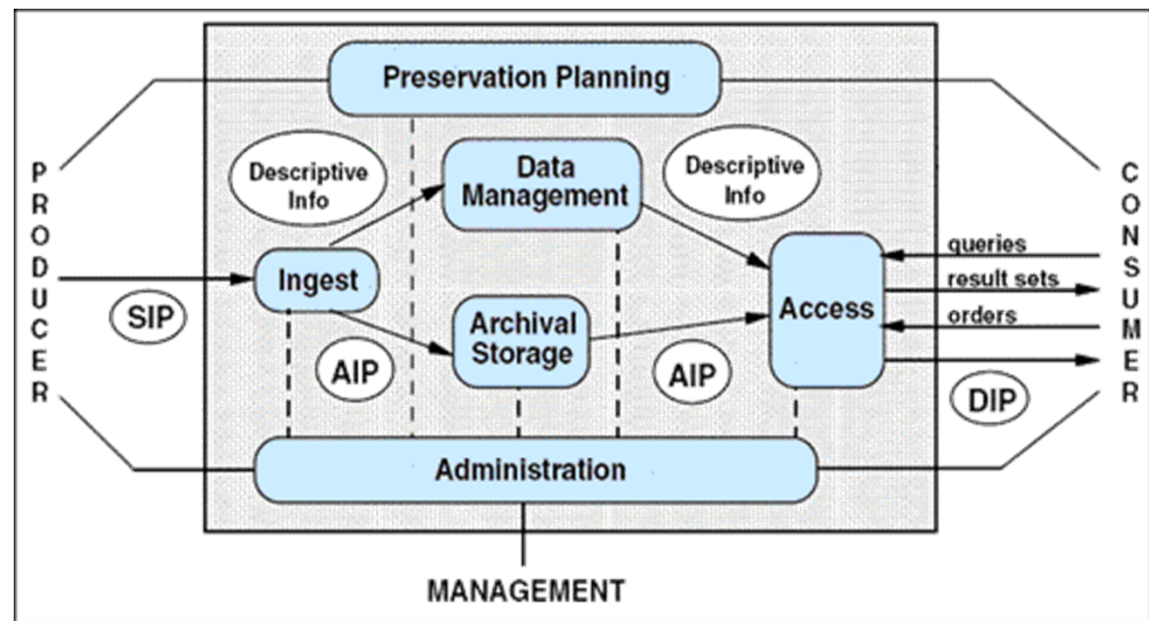
- [Open Archival Information System \(OAIS\) Reference Model](#): CCSDS (2002) “Blue Book”
- [Trustworthy Repositories Audit & Certification: Criteria and Checklist](#) “Version 1.0” (2007)
- [Audit and Certification of Trustworth Digital Repositories](#): CCSDS 652.0-M-1 (2011) “Magenta”
- [ISO/DIS 16363:2012 Space data and information transfer systems -- Audit and certification of trustworthy digital repositories](#) (2012)

[CCSDS => Consultative Committee for Space Data Systems]

# TRAC Compliance #1

## *OAIS compliance*

Conformity with the  
OAIS Standard



# TRAC Compliance #2

## ***Administrative responsibility***

A commitment to track and comply with current and emerging standards embraced by the preservation community.





# TRAC Compliance #3

## ***Organizational viability***

Capacity to receive, store, preserve, and provide access to digital materials under its care, encompassing legal, fiscal, and ethical considerations and requirements.





# TRAC Compliance #4

## ***Financial Sustainability***

Accounting and budget policies and procedures that are part of a business plan to define and protect requisite resources for the digital preservation program.



# TRAC Compliance #5

## ***Technological Suitability***

Capacity to develop and maintain requisite hardware, software, expertise, and techniques to support and enable the digital preservation program, including adherence to relevant standards and industry best practice.



# TRAC Compliance #6

## *System Security*

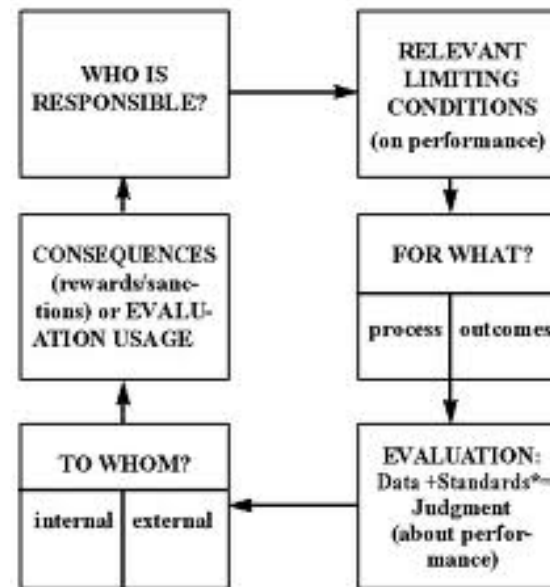
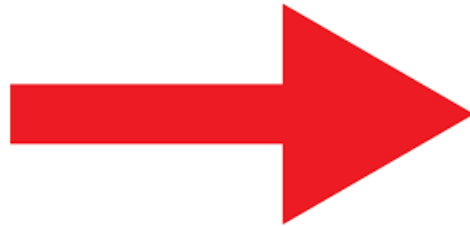
A commitment to maintaining a constant and appropriate level of environmental and online protection; surveillance; and risk detection, response, and mitigation to safeguard the integrity of digital assets.



# TRAC Compliance #7

## *Procedural Accountability*

A means for documenting, sharing, and applying the set of policy statements and associated procedures and prevailing practice.



# TRAC Compliance #8

## ***Succession Plan / Exit Strategy***

An appropriate, formal succession plan, contingency plans, and/or escrow arrangements in place in case the repository ceases to operate or the governing or funding institution substantially changes its scope.



