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SI 615 Seminar on Digital Libraries

Week 12 – Sustaining Digital Libraries

Themes of this presentation

Themes

- to sustain
- Critical ideas
- Looking forward

“I was told that if a million monkeys sat at a million typewriters, they would eventually write all the works of Shakespeare.”

to sustain

to sustain

Critical ideas

Looking forward

- To support the efforts, conduct, or cause of...
- To uphold the validity or rightfulness of..
- To keep from failing or giving away
- To cause to continue in a certain state
- To keep going, keep up
- To provide for the life or bodily needs of
- To provide for the upkeep

• Wheatley, 2004.

Repositories and Preservation

to sustain

Critical ideas

Looking forward

■ Preservation functions

- Unique, persistent identification
- Ingest
- Representation systems (registries and networks)
- Technology watch
- Rendering
- Modular structure
- Recording change

DLF Definition

to sustain

Critical ideas

Looking forward

Digital libraries are organizations that provide the resources, including the specialized staff, to select, structure, offer intellectual access to, interpret, distribute, preserve the integrity of, and ensure the persistence over time of collections of digital works so that they are readily and economically available for use by a defined community or set of communities.

*Donald J. Waters, What Are Digital Libraries? CLIR Issues (July/
Aug 1998)*

Borgman on digital libraries

to sustain

Critical ideas

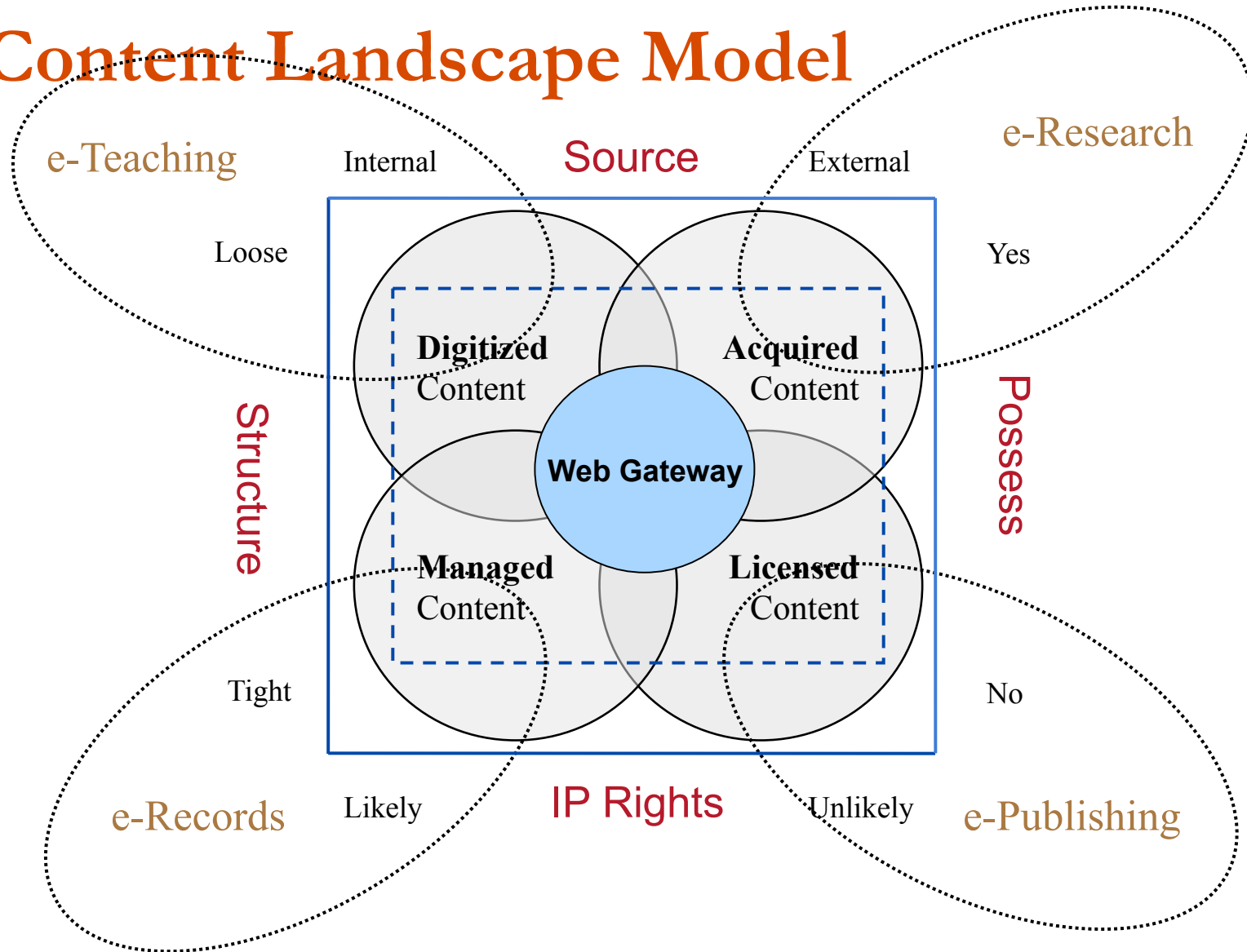
Looking forward

Removed image of
Christine Borgman

Research and practice: different worlds

- “Digital libraries are a set of electronic resources and associated technical capabilities...
 - Focuses on the technical system
- “Digital libraries are constructed by and for a community of users...”
 - Focuses on process and service

Content Landscape Model



Federated Archives

What is a digital library anymore, anyway?

to sustain

Critical ideas

Looking forward

Image removed, available online
at:

[http://www.dlib.org/dlib/
november05/lagoze/
11lagoze.html](http://www.dlib.org/dlib/november05/lagoze/11lagoze.html)

Information Network Overlay

to sustain

Critical ideas

Looking forward

Image removed, available online
at:

[http://www.dlib.org/dlib/
november05/lagoze/
11lagoze.html](http://www.dlib.org/dlib/november05/lagoze/11lagoze.html)

• Flecker, DLib Magazine.

Harvard library digital architecture

to sustain

Critical ideas

Looking forward

Image removed, available online at:
[http://www.dlib.org/dlib/november00/
flecker/11flecker.html](http://www.dlib.org/dlib/november00/flecker/11flecker.html)

Where do we go from here?

to sustain

Critical ideas

Looking forward

- Cyberinfrastructure
- Research
- Large scale deployment
- Digital preservation
- “Other issues”
 - Personal information management
 - HCI
 - Lifelong learning
 - Collaboratories

Where do we go from here?

to sustain

Critical ideas

Looking forward

- Perhaps the overarching theme here ... is connecting and integrating digital libraries with broader individual, group and societal activities, and doing this across meaningful time horizons ... digital libraries ... as an integral and permanent part of the ... information environment.

Thank you!

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