Content and Context

Peter Baumgartner

Educational Technology

Institute of Educational Science and Media Research
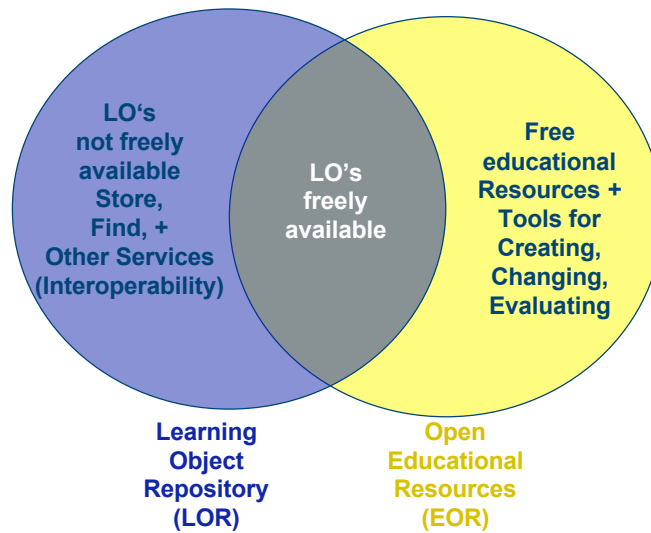
http://www.fernuni-hagen.de/bt

http://www.peter.baumgartner.name/

FernUniversität in Hagen

CAMPUS CONTENT

Outline

- **Repositories: State of the art**

    - **Context is King, not Content!**

        - **Future Trends**

FernUniversität in Hagen

CAMPUS CONTENT

Slide 1:

Some Concepts: LOR and EOR

LO's not freely available Store, Find, + Other Services (Interoperability)

LO's freely available

Free educational Resources + Tools for Creating, Changing, Evaluating

Learning Object Repository (LOR)

Open Educational Resources (EOR)

Slide 2:

Learning Objects: Critical Mass

- **We need approx. 1 Million Reusable Learning Objects (RLO's)**

- **Biggest Repositories: ca. 10,000-30,000**

- **PROBLEM: gap of factor 100!**

- **Global Learning Object Brokered Exchange GLOBE = MERLOT + ARIADNE + NIME + EdNA + eduSource Canada (Still factor 10!)**
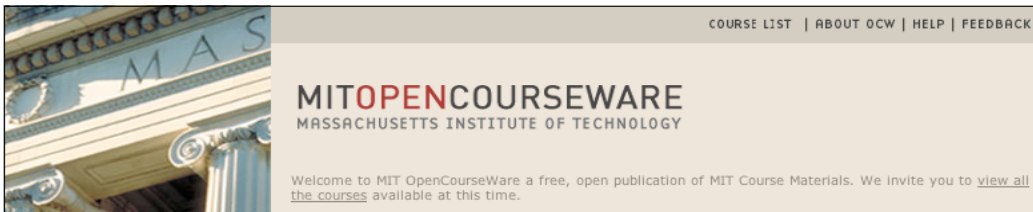
Components of LORs

1. **Object Store**

2. **Metadata Creation and Maintenance Database**

3. **GUI (Expose, Gather, Search, Alert, Submit, Store, Request, Deliver = IMS Digital Repository Interoperability Specification)**

4. **Internet Connection**

Types of LORs

1. **Isolated Single Computer**

2. **Web Portal: Client-Server Architecture**

3. **Harvesting Metadata (No Object Storage = Referatory)**

4. **Peer-to-Peer (P2P) Based Systems = Federated Search (Edutella, LionShare, MERLOT, GLOBE)**

Re-Usability

- ◆ **Content is King?**

- ◆ **If content is all we need, why would we need universities? Libraries could do the job! (David Wiley)**

- ◆ **If Content is King, then Context is Queen! (Eric Duval)**

- ◆ **Context is King! Content is just another part of the learning environment. (Peter Baumgartner)**

COURSE LIST | ABOUT OCW | HELP | FEEDBACK

MITOPENCOURSEWARE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Welcome to MIT OpenCourseWare a free, open publication of MIT Course Materials. We invite you to view all the courses available at this time.

- ◆ **Announced Spring 2001**

- ◆ **Promise: All Courses will be available for free!**

- ◆ **June 2005: 1100 BA and MA Courses**

- ◆ **At the moment mostly just the index of the lectures**

- ◆ **End of the project: 2007**

- ◆ **http://ocw.mit.edu/index.html**

Next Steps

- **Re-usabability of LO's: Taxonomy of Content Types and Educational Scenarios**

- **Next Generation Metatagging**

- **Services and Integration: Critical Mass, P2P**

- **Ease of Use and Interface Design**

- **Community Building, e-Economy of LO's**

Thank you for your attention!

Peter Baumgartner

Educational Technology

Institute of Educational Science and Media Research

http://www.fernuni-hagen.de/bt

http://www.peter.baumgartner.name/

FernUniversität in Hagen

CAMPUS
CONTENT