

Content and Context

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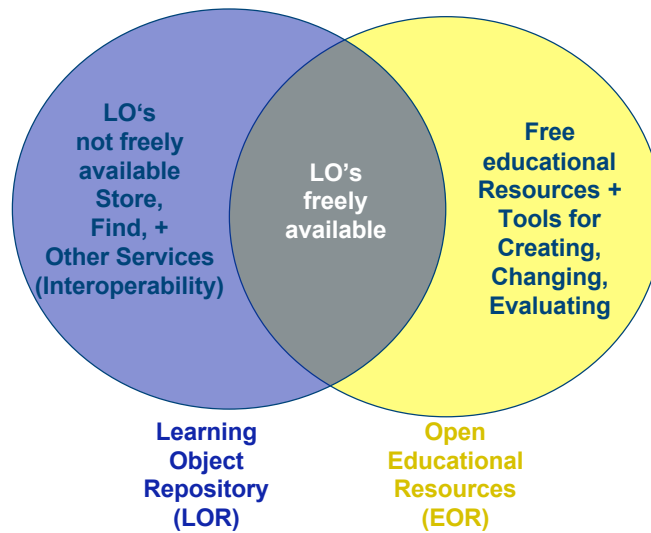


Outline

- **Repositories: State of the art**
 - **Context is King, not Content!**
 - **Future Trends**



Some Concepts: LOR and EOR



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!)

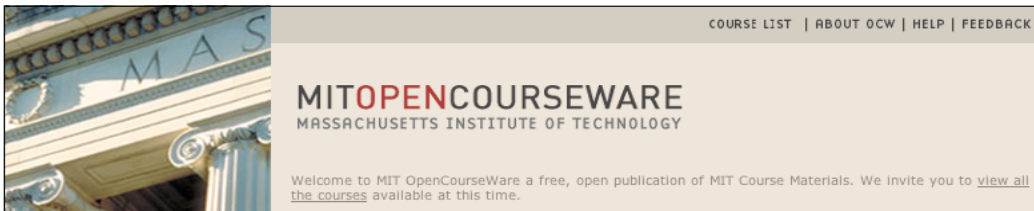
Components of LORs

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)

- ◆ **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)**



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- ◆ **Re-usability 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!

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