More than a Search Box

Deep Embedding of Library Materials in Learning Management Systems
Silos Upon Silos

- Discovery services help bring together the data in a variety of information silos (individual databases).
- However, the library itself can seem to be a silo on campus, separate from where the majority of teaching and learning happens.
Silos Upon Silos

- There is a digital equivalent.
Where the Teaching and Learning Happens

Using the library isn’t terribly easy to do in the LMS. For example, how would you get from a search result in a database to the point where your students read the item?
How an LTI Tool Works

LMS

- Quizzes
- Links
- Folders

LTI Tool

Lives outside of the LMS

LTI Protocol
How an LTI Tool Works

LTI Protocol

Basic LTI “Launch Data”
• User’s Full Name
• User’s E-mail Address
• Role (e.g. Student, Instructor)
• Institution ID (i.e., which school)
• Course ID
• Course Name
• ID for the link clicked (i.e., which link in the course did they click?)
• Label for the link
How an LTI Tool Works

Moodle

- Quizzes
- Links
- Folders

LTI Tool

- Came from Moodle at LSU? **Do A.**
  - Which course? **Do B.**
  - Is student? **Do C.**
  - Is faculty? **Do D.**
How an LTI Tool Works

Moodle

- Quizzes
- Links
- Folders

LTI Tool

LTI Protocol

Curriculum Builder

Came from Moodle at LSU? Use LSU API Content. Which link in the course? Pull up that list. Is student? Show readings. Is faculty? Show search / tools.
Which LMSs does it work with?

- Blackboard
- Moodle
- Desire2Learn
- Canvas
- Sakai
- Pearson eCollege
- Jenzebar
- ETUDES

Not sure?
Ask your LMS admin if they can add LTI Tools.

LTI Conformance List at http://www.imsglobal.org/cc/statuschart.cfm
Live Demonstration

- Demo in Moodle
- Demo in Canvas
Getting It?

• Without EDS:
  – Learn more about the LTI Protocol
    http://www.imsglobal.org/toolsinteroperability2.cfm
  – Build that site that leverages your discovery’s API and the protocol
Getting It?

- With EDS (unhosted):
  - Download source from the customer Wiki
  - Install locally, manage updates, uptime, backups, installation

- With EDS (hosted)
  - Fee covers our technical infrastructure and support for the tool
  - Demo of setting it up in Moodle or Canvas
Other LTI-powered Ideas

• Connect right Course Research guide to class dynamically

• Annotated Bibliography Assignment

• Customizable Research Portal
Questions

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Thank You

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