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

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.

LTI Protocol
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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