DEMO
Agenda

• CSCL and Conversational Agents

• Dimensions of Support

• How Bazaar Works

• Tales of the Bazaar

• Deploying Conversational Agents
Bazaar Activity

• Deploy an agent in a web chat server!

• [http://erebor.lti.cs.cmu.edu/bazaar/BazaarAgent.zip](http://erebor.lti.cs.cmu.edu/bazaar/BazaarAgent.zip)

• Activity::
  Customize the example agent for a task in your course.
  
  *Full instructions and documentation are included in the .zip*

  1. Get the example agent running in your course.

  2. Explore the settings to make domain-appropriate adjustments and additions.

  *All the relevant config files are lovingly documented.*

  3. Propose some brand-new behaviors that would be useful for your course.
What’s Inside?

Read This

Double-click this

Change These!
Get the agent running!

- Join your chat room via OLI: bazaar..lti.cs.cmu.edu:80/chat/<your chat room name>/<your account id>
- Double-click BazaarAgent.jar in the BazaarAgent folder.
- Enter <your chat room name> in the “Room Name” field
- Press the big friendly button!
What does it do?

Hierarchical Dialogues

Social Support

Accountable Talk

Wizarding + Monitoring
What can you change?

• Replace the Accountable Talk exemplar statements (and associated synonym files) with statements relevant to your own domain. *In the “accountable” folder.*

• Edit the macro-script or tutorial dialogues, or create new ones. *In the “plans” and “dialogues” folders.*

• Remove any behaviors you think are unsuitable. *In properties/operation.properties*

• Adjust the timing, priority, etc. of any of the included behaviors. *In the “properties” folder.*
Download Lightside at http://ankara.lti.cs.cmu.edu/side/
LTI to LTI

Light technical introduction to Learning Tools Interoperability

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The Problems

- Complexity of sharing information
- Credentials management
- Cost of custom integration
About LTI

• open specification developed by IMS Global Learning Consortium

• universal standard of integration rich educational content from a third-party service to an LMS

• allows building a standard plug-in for all CMS systems
What do we get from LTI?
How LTI works

Use case:
● Launch external tool
● Get graded result (optional)

Security:
● Shared secret
● OAuth signing

User’s experience:
● iframe
● new browser window
request via LTI (oauth signed)
tool in iframe or new window
Student interacts with tool
LTI sends grade to edX (oauth signed)
edX acks
LTI sends confirmation to student
LTI and edX Studio

• Obtain LTI Information
  • launch URL
  • LTI Passports
    o LTI ID
    o client key
    o client secret

• Create an LTI Component
  • Add LTI to the Advanced Module List Policy Key
  • Register the External LTI Provider
  • Add the LTI Component to a Unit
    o LTI ID
    o Scored
    o Weight