edumoodle & LTI
Bringing content from content providers via LTI into e-learning-platforms
What is edumoodle?

- providing schools in Austria with central hosted, managed and supported moodle installation
- „richer“ moodle with additional plugins, modules, ... for the schools
- since 2005
- today over 2,500 instances with over 350,000 users
- one of the largest moodle installations worldwide
Two major e-learning platforms in Austria
government-financed Content

Publishers, professional Content Providers

edumoodle

eduthek

LMS.at

edumoodle
LTI – Learning Tools Interoperability

- Specification developed by IMS Global Learning Consortium
  - Global, nonprofit, member organisation
  - Development of open standards to support distributed learning

- LTI allows the seamless connection of web-based, externally hosted applications or content to portals or learning management systems
  - E.g. courses, cross-platform cooperation or communication tools, complex testing environments,…

- Access via a secured link
  - Frequently used to display external content
  - Integration of activities to support a larger variety of methodological/didactical approaches
LTI – Learning Tools Interoperability

- **Main advantage of LTI:**
  - Permits secure connection to an educational platform in a standard way without having to develop and maintain custom integrations for each platform.

- **Currently:** appr. 100 Basic LTI tools e.g.

Image source: „Pimp my OLAT“ – Presentation by Dr. Peter Ferdinand (11. Koblenzer E-Learning-Tage 2013)
How can Learning Tools Interoperability (LTI) benefit me?

The IMS LTI specification provides significant benefits for all parties involved in developing, deploying and utilising learning applications. It provides a standard mechanism for launching external tools which is supported by all major virtual learning environments (VLEs) as well as other educational systems. LTI 1.1 adds the ability to pass grades back to the VLE and the IMS is continuing to develop the specification further. In the meantime some unofficial extensions have been widely adopted to give tools access to an enrolment list and a simple data store.

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**IMAGES**

- **DEVELOP**
  - Learning application developer
  - (passed IMS certification tests)
  - Hey, this is great, I just need to write one integration using my own language of choice
- **DEPLOY**
  - VLE administrator
  - Well this certainly beats having to update our system with a different extension each time we add a new application
- **UTILISE**
  - This is way better; no more separate logins, everything is available from within our on-line course
  - Wow, I can now link to new applications myself and get instant access (LTI = Learning and Teaching Instantly!?)
  - Teachers
  - Learners

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**PROJECT**

**celTic**
Creating Environments for Learning using Tightly Integrated Components
A JISC-funded project
www.celtic-project.org

Project partners: The University of Edinburgh, University of Stirling, Queen Margaret University, IMS Global Learning Consortium, Blackboard, Learning Objects and Pebble Learning

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**EDUCATION GROUP**

www.edugroup.at
My favourite clothes

Tasks

1. Do the matching exercise below before you listen to the story. Match the words on the left with the pictures on the right by drawing a line.
2. Listen to the story by clicking on "Start"!
Next steps

- Pilot with about 50 schools
  - Standardized content with focus on competence oriented learning

- Pilots with publishers
  - 3 publishers are already testing

- Governmental initiatives
  - „Neue Mittelschule“
    Further development of Sek 1
  - „digikomp“
    Digital Competences
Questions?

Thank you for your attention!

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