

# edumoodle & LTI

Bringing content from  
content providers via LTI into  
e-learning-platforms



# What is edumoodle?

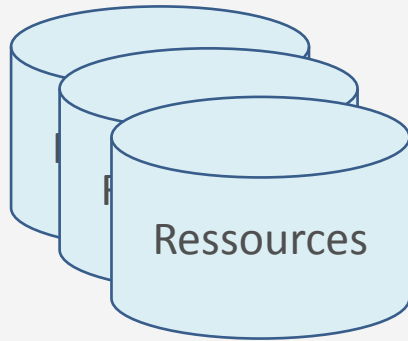
- providing schools in Austria with central hosted, managed and supported moodle installation
- „richer“ moodle with additional plugins, modules, ... for the schools
- since 2005
- today over 2.500 instances with over 350.000 users
- one of the largest moodle installations worldwide



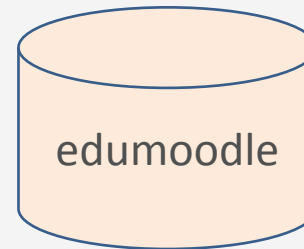
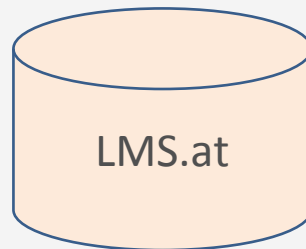
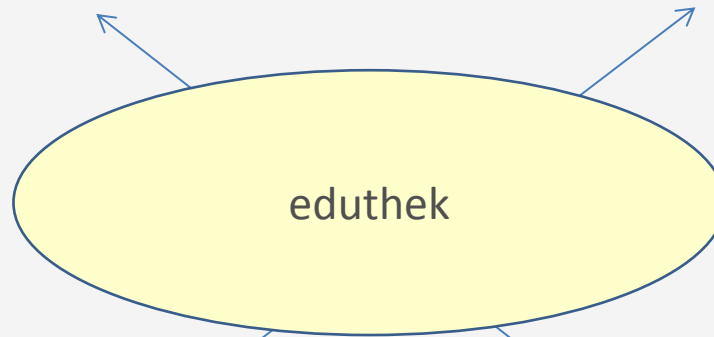
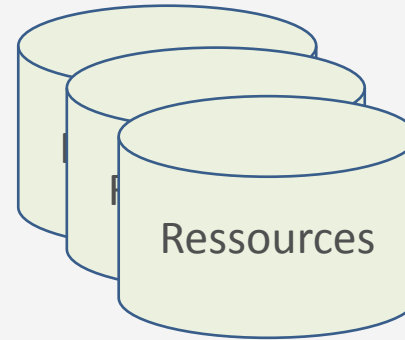
The screenshot shows the homepage of the edumoodle website. At the top left is the 'edumoodle' logo with 'bm:uk' and 'EDUCATION GROUP' below it. The main heading reads 'Willkommen bei edumoodle!' in yellow. Below this is a section titled 'Wer will, der kann!' with a paragraph explaining the project's goal: to provide a central Moodle server for Austrian schools and institutions. A list of products is shown, including 'edumoodle-Instanz mit Administrationsrechten', 'Überregionaler edumoodle-Kurs auf der Hauptinstanz', and 'edumoodle Hosting Exklusiv'. On the right side, there is a small image of a woman using a laptop. The left sidebar contains a 'Kursbereiche' menu listing Austrian states like Österreich, Burgenland, Kärnten, etc.

# Two major e-learning platforms in Austria

government-  
financed  
Content



Publishers,  
professional  
Content  
Providers



# 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

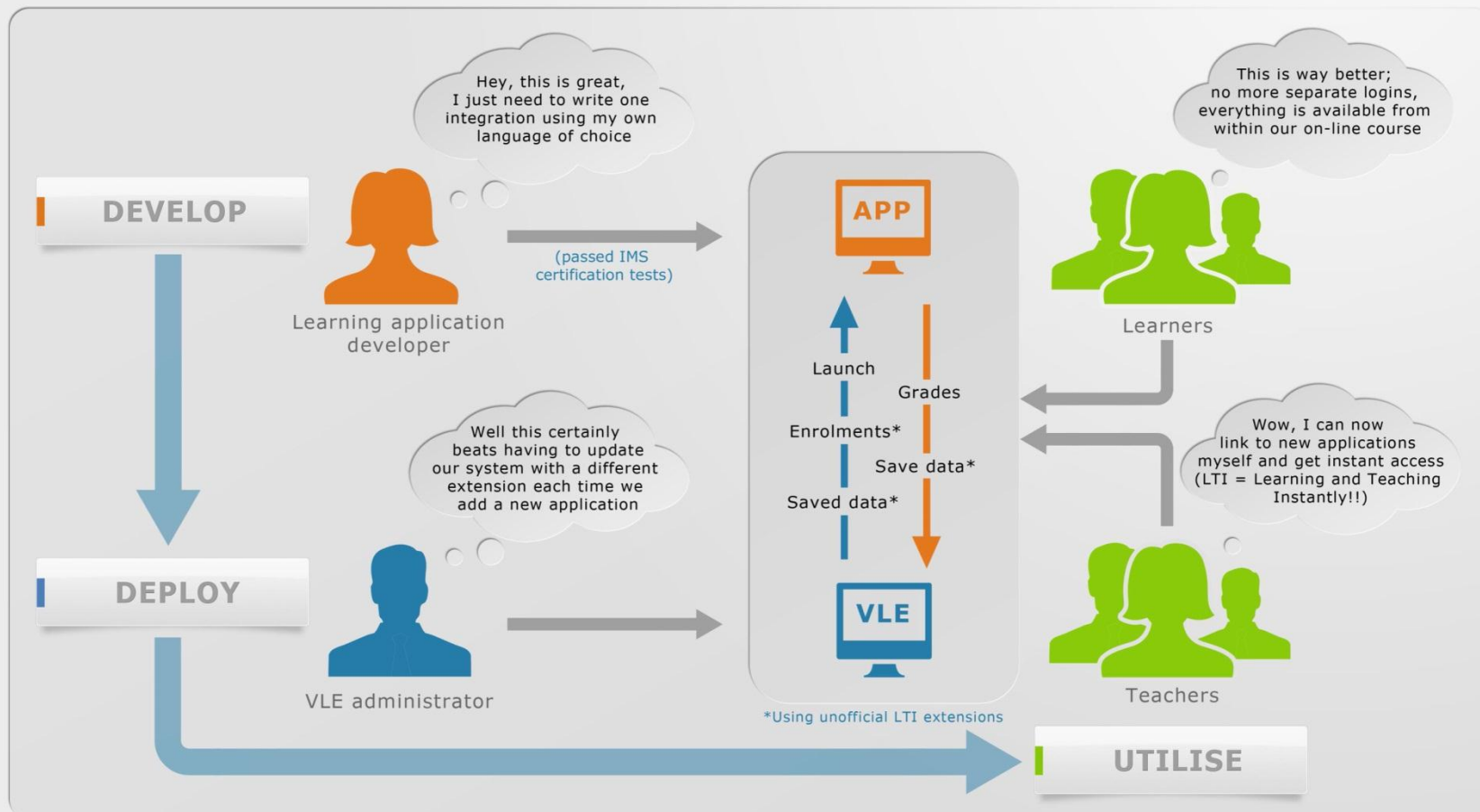
- **Main advantage of LTI:**
  - Permits secure connection to an educational platform in a standard way without having to develop and maintain custom integrations for each platform.
  
- **Currently: appr. 100 Basic LTI tools e.g.**



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**.



Creating Environments for Learning  
using **Tightly Integrated** Components  
A JISC-funded project

[www.celtic-project.org](http://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

Published January 2012



[www.edugroup.at](http://www.edugroup.at)

# Plugin eduthek



Sie sind angemeldet als LTI Testuser (Logout)

## exalti Testkurs

Startseite ▶ Meine Kurse ▶ Miscellaneous ▶ exalti ▶ Allgemeines ▶ English Exercise: My favorite clothes


Schnellüberblick

## 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"!


LearnEnglish Kids

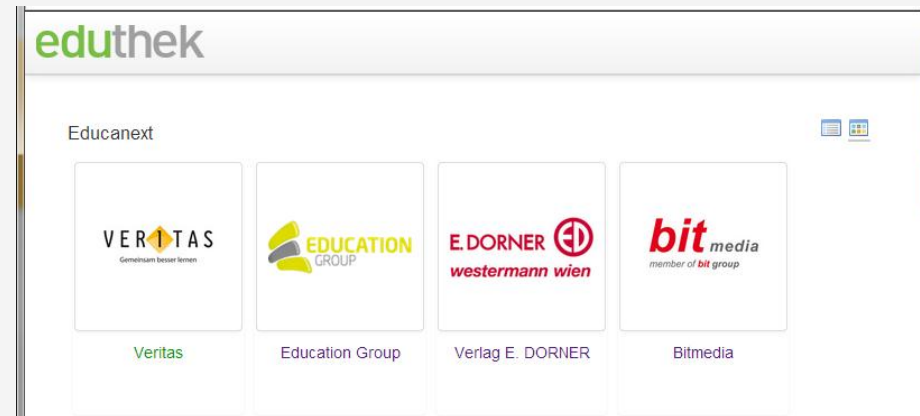

The story is now ready. Click start to begin.


Match the word and picture by drawing a line between the pairs.

jumper ●	●	
grandma ●	●	

## 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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