



Linking Learning Management Systems

Interuniversity course sharing at the touch of a button

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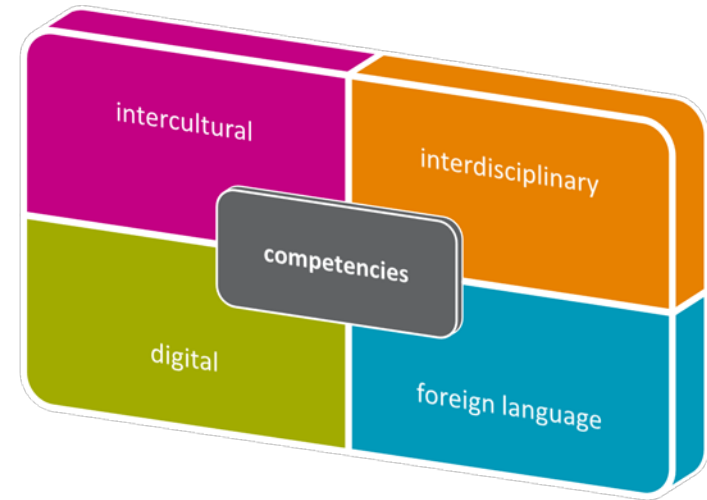
Session outline

- [Digital Mobil @ FH Bielefeld](#)
- [Pilot project – Corporate Learning and Innovation](#)
- [Platform for interuniversity course sharing](#)
- [LTI and ECS – Differences and Similarities](#)
- [Course Sharing Workflow](#)
- [In a nutshell](#)
- [Progress @ FH Bielefeld](#)

Digital Mobil @ FH Bielefeld

Main goals

- Combine internationalization and digitalization
- Enable virtual mobility
- Digital collaborations across countries
- Skills for a digital and international world



Digital Mobil @ FH Bielefeld

Subprojects

- Curricula and study programs
- Methodological knowledge and digital competencies
- Digital infrastructure for transnational teaching
- Administrative processes

Digital Mobil @ FH Bielefeld

Subproject 3: Digital infrastructure for transnational teaching

Subproject 3 has a technical focus on infrastructure for transnational teaching. It addresses options for linking learning management systems and reducing technical obstacles for transnational student collaboration.

- Connecting learning management systems (common course rooms)
- Tools for virtual projects
- Further infrastructure for transnational teaching

Pilot project – Corporate Learning and Innovation

Concept

- virtual onboarding
- learning content delivered as learning videos and video streaming
- additional teaching material available on a shared learning platform
- International teams work on a business simulation game

Platform for interuniversity course sharing

Interuniversity team teaching



Interuniversity cultural exchange

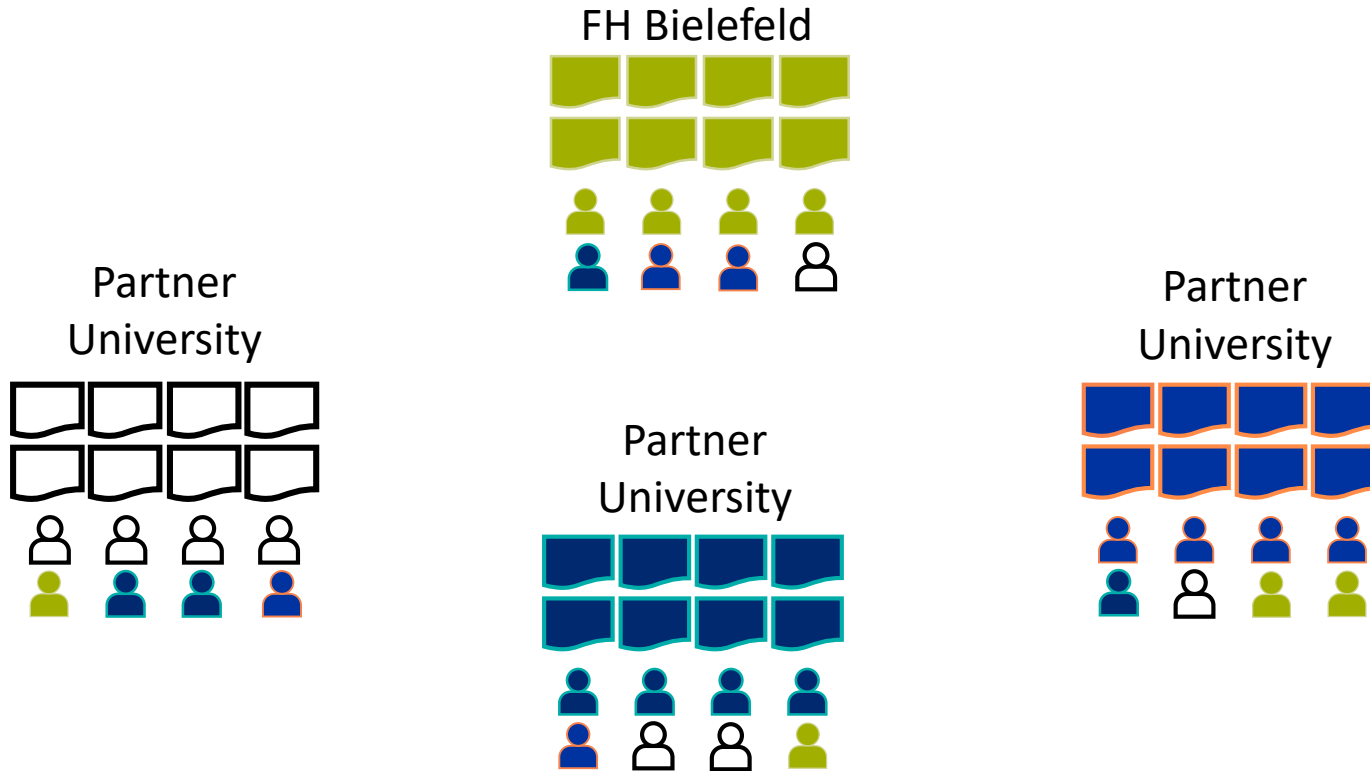


Enrich course catalogue

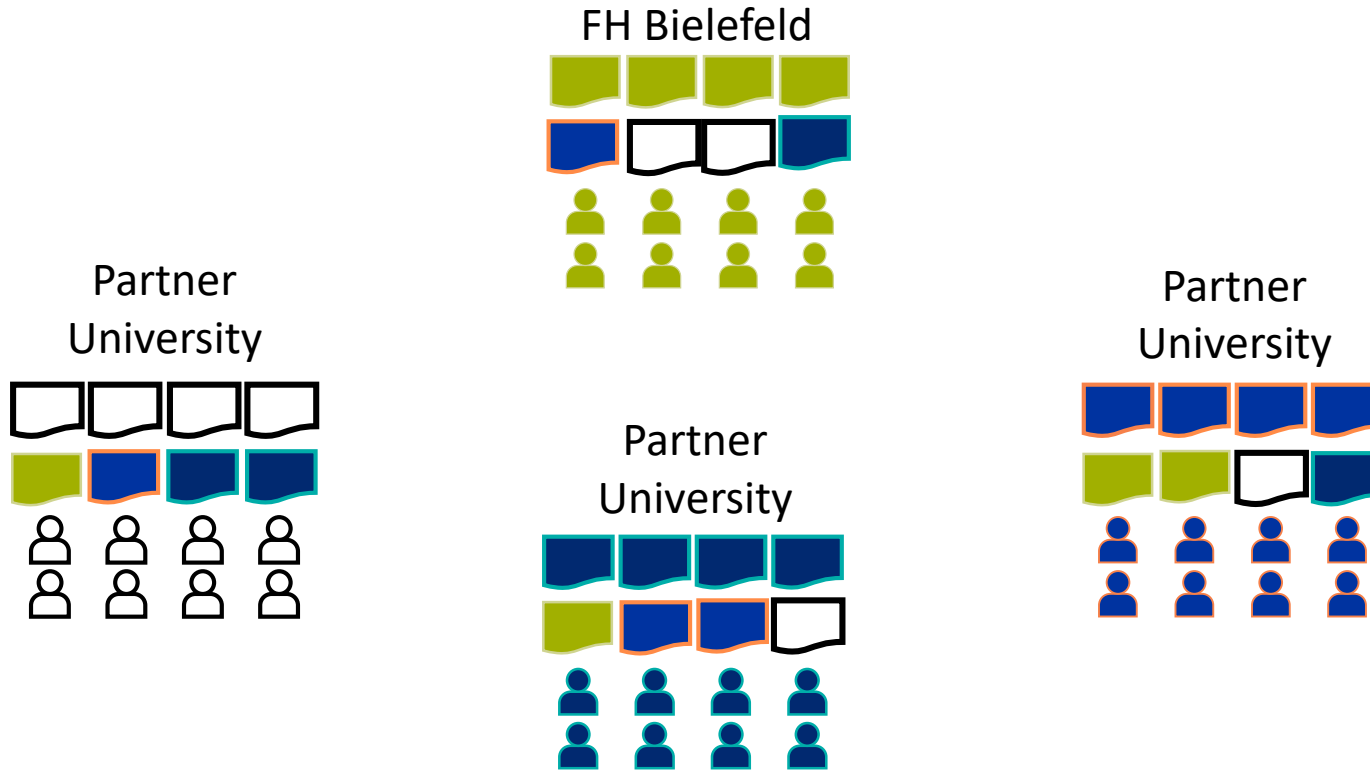


[Bilder von macrovector - de.freepik.com](https://www.freepik.com)

Forms of student mobility – Enrollment & Separate Logins



Forms of student mobility – Course Sharing



Student view demo available at:
[Accessing a shared course as a student](#)

LTI and ECS – Differences and Similarities

Learning Tools Interoperability

- Implemented for most LMSs (ILIAS, Moodle, Canvas ...)
- Few provider implementations

Availability

- None

ELearning Community Server

- Core ILIAS feature
Plugin for Moodle, StudIP

Prerequisites

- Hosted ECS Platform

LTI and ECS – Differences and Similarities

Learning Tools Interoperability

- Lecturer generates / sends URL, Key and Secret
- Partner creates course link

Course Sharing Workflow

ELearning Community Server

- Lecturer ticks share checkbox

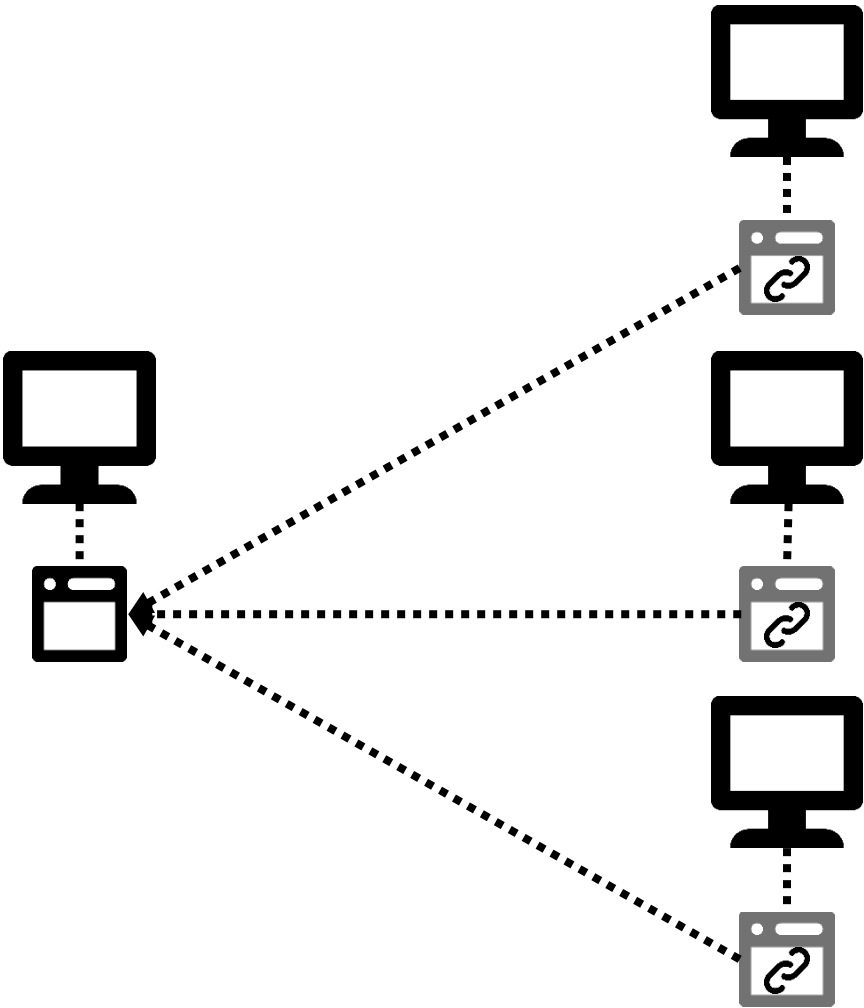
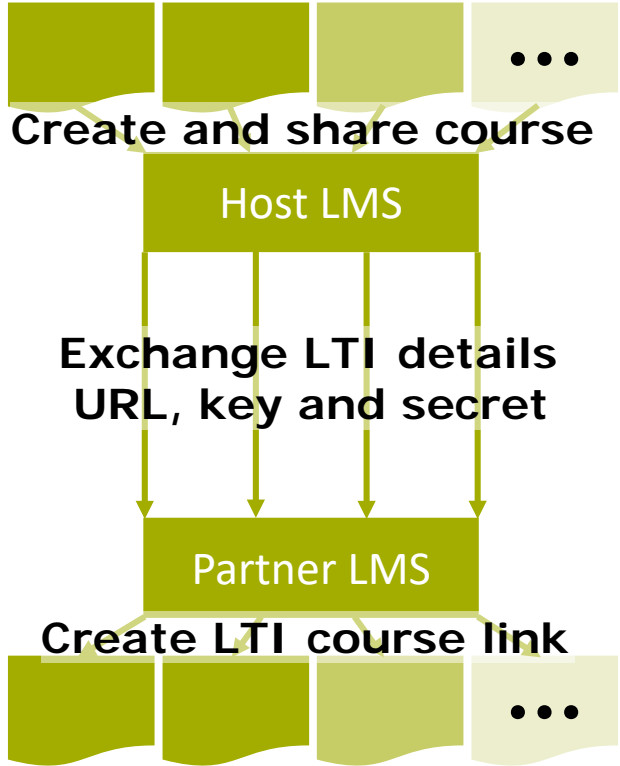
Features

- Enable Access to foreign Resources
- Students may use most LMS Features
- Only one Login



Course Sharing Workflow

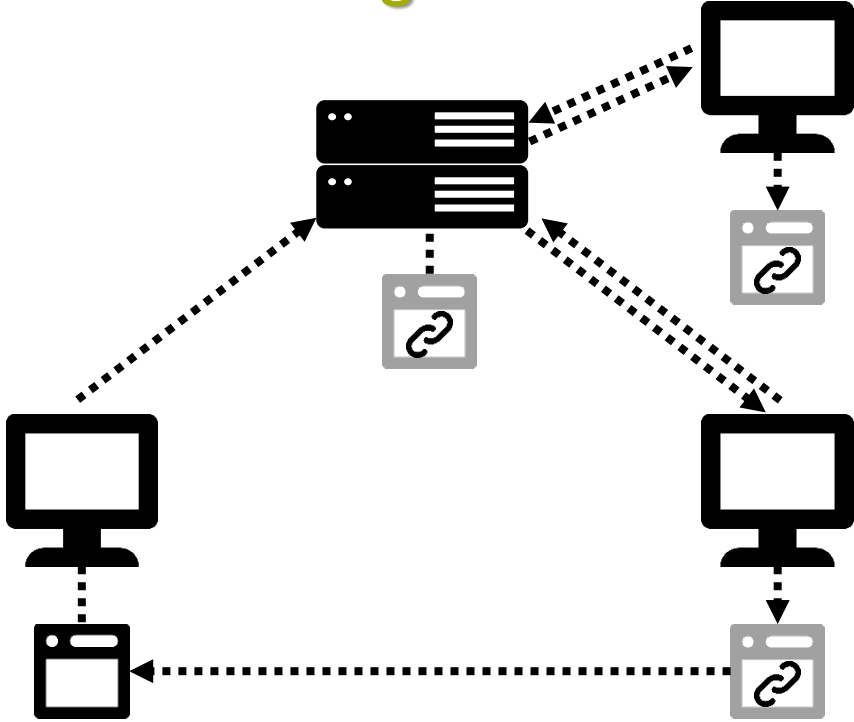
Learning Tools Interoperability



[Open Iconic](#)

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Course Sharing Workflow



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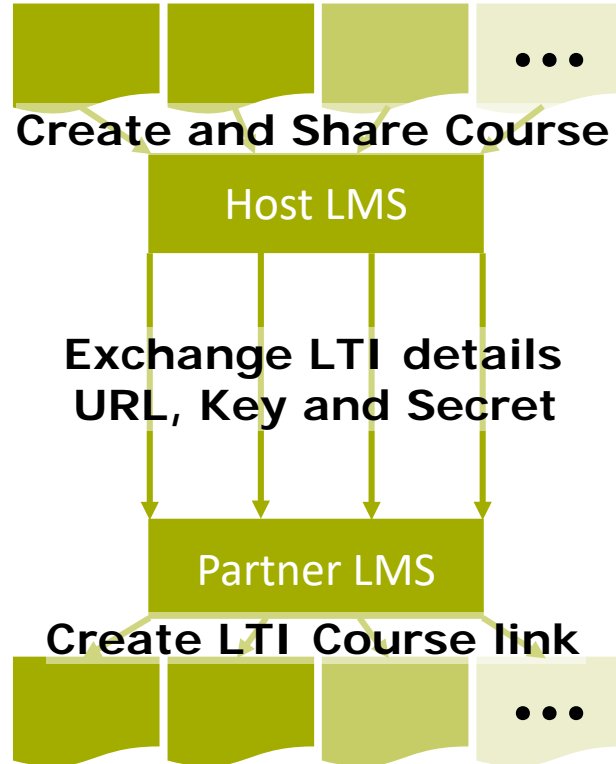
ELearning Community Server



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Course Sharing Workflow

Learning Tools Interoperability



ELearning Community Server



LTI course sharing demo available at:
[Releasing a course using LTI](#)

ECS course sharing demo available at:
[Releasing a course using ECS](#)

In a nutshell

Learning Tools Interoperability

- Lightweight setup
- Consumer feature widespread
- Few provider implementations
- No automation
- Small scale one-to-one course sharing

Advantages

Disadvantages

Use case

ELearning Community Server

- Highly automated
- Flexible sharing options
- Server needed
- Only ILIAS, Moodle and StudIP
- Long-term many-to-many course sharing

Progress @ FH Bielefeld

Pilot phase – winter term 2020 / 2021

- Elearning Community Server setup
- 2 partner university connected
- First course released this week
- 5 joint courses planned

Rules

- Incomers only access shared course
- Incomers marked with tags
- Account expires after 6 month



Thank you

Questions, Ideas, Feedback?

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Sessions Q&A

<https://t1p.de/xzq9>



Digital Mobil @ FH Bielefeld is funded by:

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Bundesministerium
für Bildung
und Forschung



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