How to use ILIAS to support language learning

Matthias Kunkel • ILIAS open source e-Learning e.V. • WG 4 enetCollect • 3rd Annual Meeting • Lisbon, March 2019
What is ILIAS and where does it come from
is not just a Learning Management System
ILIAS …

๏ is not just a Learning Management System
๏ is also a Learning Content Management System
๏ is an Assessment System
๏ is a Collaborative Workspace System
๏ offers Competence Management
๏ offers Portfolios
๏ and much more …
About ILIAS

- ILIAS is published by the non-profit organisation ILIAS open source e-Learning e.V. under GPL 3.

- Software is developed by commercial service providers - and a few non-profit developers.

- New features are paid by customers (universities, companies, …) and the ILIAS e.V. as well (through membership fees).

- Software development is coordinated by a Product Manager at ILIAS open source e-Learning e.V.

- Initial development started in 1997 at University of Cologne.
Two tools for language learning
Test & Assessment and Data Collection
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Test & Assessment

Using the Test & Assessment tool for language learning by

- providing self-assessments for learners to check their language skills
- providing entry-level tests and grading tests to evaluate user’s language level
- providing e-exams to verify a user’s language skills
- providing a question queue as a training for language learners
ILIAS offers a variety of different question types in the standard edition and as additional plugins:

- Single Choice
- Multiple Choice
- Kprim
- Error text
- Hot spot
- Cloze question
- Numeric
- Matching
- Text Subset
- Formula
- Ordering Horizontal
- Ordering Vertical
- Essay
- File Upload
- Long Menu
- Audio Recorder
- Accounting
- and many more
Multiple Choice Question

Read the following text about the International Women's Day in Germany and then answer the following question.


For which of the following statements do you find a prove in the text above?

☐ Thousands of men protested against the International Woman's Day.
☐ The liberal party FDP is against International Woman's Day as a holiday.
☐ For the first time in history, the International Woman's Day is a holiday in Berlin.

Check
Please fill-in the blanks or choose the right option for the cloze text.

Kurz vor Ablauf einer Frist ________ die Regierungsparteien in Italien einen vorläufigen Kompromiss im Streit über die Bahnstrecke TAV gefunden.

Wegen ________ please select ________ drohte der Bruch der Koalition.

Check
Please indicate the error in the following sentence by clicking on it.

Am Treffen des enetCollect-Teams in Lissabon haben viel Personen teilgenommen.
Assign the different verb forms on the right to the correct tense on the left.

- Präteritum
  - wartete

- Perfekt
  - warte
  - warten
  - gewartet

- Infinitiv
  - warte

- Präsens
Ordering Horizontal

Please bring the words in the right order.

entstehen  meisten  Die  Fehler  durch  Unachtsamkeit

Arbeiten.  und  nachlässiges

Check
Die derzeit mächtigste Demokratin befürchtet, ein solches Verfahren ohne "zwingende Gründe" könnte das Land weiter spalten. Gleichzeitig sieht Pelosi eine mögliche Wiederwahl Trumps mit großer Sorge.

Add the identified verbs in their infinitive form in the inputs below.

1. 
2. 
3. 
4. 

[Check]
Essay Question

Listen to the audio file above and write a short summary in German about its content.

*Please do not enter more than a maximum of 1000 characters. Additional characters won't get cut, but the exceeding might be considered during scoring.*

Path: (1000 characters)
Managing Questions and Tests

Test Questions are usually created within Test Question Pools to re-use them in selected tests.

Tests can consist out of (manually) selected questions.

Test can also be filled with questions randomly from one or several question pools.

- Based on defined selection rules, e.g. 3 questions from pool A, 2 from pool B, 3 from …
- Based on taxonomy assignments, e.g. 2 questions from tax node A1, 2 from tax node C2, …
Skill Management Support

ILIAS offers an integrated skill management that allows to define competence profiles and levels. Questions can be assigned to competences. Thresholds can be defined for existing competence levels. Levels could be based on CEFRL or another framework.
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Data Collection

- Aim is to collect and display structured data entered by users.
- Input given in forms with optional and required input fields.
- Variety of datatypes:
  - text, integer, boolean, date, media object, file, formula, rating, ...
- Permission-controlled input
  - View and edit only own entries | view and edit all entries
- Different presentation of data
  - All data in table or single view on data set (page view)
- Export to xls, csv
Data Collection - Input Form

Title: Tukka

Description: Man from Berlin is speaking on answering machine of the property management to report about a woman that is currently living in the neighbour's apartment and his wife is constantly interrupting him.

Origin of Speaker: Berlin or Berlin area

Audio File: 2700

Source of Artefact:
- Self-recorded
- Radio
- TV / DVD
- Internet
- No information

Additional Information:
Enter additional information if available.

Owner: matthias

The owner of the entry.
<table>
<thead>
<tr>
<th>Title of Artefact</th>
<th>Tukka</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Man from Berlin is speaking on answering machine of the property management to report about a woman that is currently living in the neighbour’s apartment and his wife is constantly interrupting him.</td>
</tr>
<tr>
<td>Origin of Speaker</td>
<td>Berlin or Berlin area</td>
</tr>
<tr>
<td>Audio File</td>
<td><img src="audio_player.png" alt="Audio Player" /></td>
</tr>
<tr>
<td>Source of Artefact</td>
<td>No information</td>
</tr>
<tr>
<td>Additional Information</td>
<td></td>
</tr>
</tbody>
</table>

Entry created: Today, 16:41 by Kunkel, Matthias (matthias), last update: Today, 16:52 by Kunkel, Matthias (matthias)
Thanks for your attention!

Contact me in case of questions:
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