Aspect
Adopting Standards and Specifications for Educational Content

Organisation/Management School pilots

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Standards and interoperability from a user perspective

Aspect LRE
Tests with teachers (in real contexts) to check implementation of standards and specifications on LRE content leads to greater interoperability and cross-border re-use of the content.
Discovery:
- Resource in LRE and Google – found? time?
- Search: Use of tagging, keywords, favourites
- ...

Reuse:
- Trust: tagging, favourites, colleagues
- National resources found?
- ...

Packaging:
- Use of “Non packaged”, SCORM and Common Cartridge content (Moodle)
- ...

More data coming soon
Aspect version of the LRE
1. closed portal
2. contains content from the aspect partners
3. it has been adapted to support the LREv4.0 application profile
4. automatically translated metadata available in 6 languages
5. integrated SCORM player and Common Cartridge platform

The Learning Resource Exchange Repository (LRE):
• [http://lreforchools.eun.org](http://lreforchools.eun.org)
• open educational resources and assets from many different countries and providers, including 16 Ministries of Education
• Many ~ 140 000 resources + assets pen to all.
You searched for "design (en)" the system found 547 result(s).
Sort results by Popularity/Rating

Design [en]

View
- as web
- in player
-- Common Cartridge
-- SCORM

Download
- Common Cartridge / zip
- SCORM / zip

Tags: openlearn design
Keywords: Technology, Design, Innovation
Age: > 18 Resource type: text
Description: This unit looks at the process of design - from assessin (...)
Creative Commons Licence: CC BY-SA

15.347 Doctoral Seminar in Research Methods I, Fall 2004... [en]
Keywords: Sloan School of Management, Educational Assessment Eval (...)

Teachers' validation

Tests - Discovery
- Aspect LRE (1st ed)
  - National Workshops:
    - Gent, Sat 3 Oct 2009
    - Lisbon, Sat 10 Oct 2009
    - Vilnius, Sat 24 Oct 2009
    - Bucharest, Sat 31 Oct 2009

Tests - Reuse
- Aspect LRE (winter edition)

Tests - Packaging
- Aspect LRE (spring edition)

Reports
- Online testing (Mar 2010)
- Summer workshop (May 8 2010)

Final deliverables
- Teachers' validation
  - Google form - test
  - Moodle test

1. LRE_vs_Google_tests.doc
2. questionnaire_1.doc
3. lesson_plan.doc
4. questionnaire_2.doc
5. exercises.doc
6. questionnaire_3.doc
7. open_questions.doc
Teachers' validation

Tests - Discovery

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6. questionnaire_3.doc
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Tests - Reuse

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Moodle test

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Aspect LRE (spring edition)

Summer workshop (May 8 2010)

Final deliverables

NOW
October workshops: *initial results*

<table>
<thead>
<tr>
<th>Focus teachers</th>
<th>General teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE</td>
<td>1</td>
</tr>
<tr>
<td>PT</td>
<td>1</td>
</tr>
<tr>
<td>LT</td>
<td>1</td>
</tr>
<tr>
<td>RO</td>
<td>1</td>
</tr>
</tbody>
</table>

- **BE + RO**: Natl portals better
- **LT**: LRE better
- **PT**: LRE<--> google + lang

* Initial results in deliverable ASPECT_D7p3p1, from WP7:

* Detailed analysis in progress

National Workshops:
- Gent, Sat 3 Oct 09
- Lisbon, Sat 10 Oct 09
- Vilnius, Sat 24 Oct 09
- Bucharest, Sat 31 Oct 09
How often do you prepare teaching materials using...?

- Books
- Lesson plans
- Computers
- Web materials

Initial results from October tests
Use of web materials

~ 90%
What sort of materials have you used when teaching / would like to use?

<table>
<thead>
<tr>
<th>Material</th>
<th>I have used them</th>
<th>I would like to use them</th>
<th>Not interested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texts</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Pictures</td>
<td>80%</td>
<td>20%</td>
<td>0%</td>
</tr>
<tr>
<td>Videos</td>
<td>60%</td>
<td>40%</td>
<td>0%</td>
</tr>
<tr>
<td>Simulations</td>
<td>40%</td>
<td>60%</td>
<td>0%</td>
</tr>
<tr>
<td>Tests</td>
<td>20%</td>
<td>80%</td>
<td>0%</td>
</tr>
<tr>
<td>Tasks, assignments</td>
<td>10%</td>
<td>90%</td>
<td>0%</td>
</tr>
<tr>
<td>Presentations</td>
<td>0%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>Presentations (Powerpoint...)</td>
<td>0%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>Lesson plans</td>
<td>0%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>Maps</td>
<td>0%</td>
<td>100%</td>
<td>0%</td>
</tr>
</tbody>
</table>
Initial results from October tests

Google vs LRE (Aspect)

Do you use Google to search material for your lessons?

- No
- I have used it a couple of times
- Yes, I use it one a month
- Yes, I use it one a week
- Yes, I use it almost every day

Do you know and have you ever used the LRE?

- I don't know it
- I know it, and I have used it a couple of times
- I know it and I use it one a month
- I know it and I use it one a week
- I know it and I use it almost every day
Initial results from October tests

Portals used

- Other portals used were mainly the MoE’s own portal
- KlasCement portal was highly regarded by its users and praised for its quality
Initial results from October tests

**Functionalities**

What sort of function would help you use materials more often?

<table>
<thead>
<tr>
<th>Function</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficient search tool</td>
<td>80%</td>
</tr>
<tr>
<td>Keyword index</td>
<td>60%</td>
</tr>
<tr>
<td>Reviews/Evaluation</td>
<td>40%</td>
</tr>
<tr>
<td>User rating (stars)</td>
<td>20%</td>
</tr>
<tr>
<td>Translation</td>
<td>0%</td>
</tr>
<tr>
<td>Visual appearance</td>
<td>0%</td>
</tr>
<tr>
<td>Easy to use</td>
<td>0%</td>
</tr>
<tr>
<td>Adaptability</td>
<td>0%</td>
</tr>
<tr>
<td>Reliability</td>
<td>0%</td>
</tr>
<tr>
<td>Level status</td>
<td>0%</td>
</tr>
<tr>
<td>Use cases</td>
<td>0%</td>
</tr>
</tbody>
</table>

*Initial results from October tests Functionalities*
Initial results from October tests

Discovery

I find resources...

- by searching using keywords
- by browsing by topic / subject / age
- by recommendations from colleagues
- by recommendations from friends
- with good ranking from an organization with a good reputation
- with good ranking from an organization with a good reputation

Mar 25, 2010
EdReNe - 4th strategic seminar
Barcelona, 24-26 March, 2010
Aspect - school pilots
More info..

On Aspect – pilot schools evaluation:
Àgueda Gras-Velázquez (agueda.gras@eun.org)

On Aspect – in general:
David Massart (david.massart@eun.org)

or Hans De Four (KlasCement), Jose Moura Carvalho (DGIDC), Eugenijus Kurilovas (ITC), Silvia Panzavolta (Indire), Rosa Maria Gomez (CNDP)...

Gràcies! - Thanks!