Roadmap for SCORM support in dotLRN

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Overview

• Current SCORM support is provided by the LORS package:
  – IMS Metadata (IMS-MD 1.2.1)
  – IMS Content Packaging (IMS-CP 1.1.4)
  – ADL SCORM extensions (SCORM 1.2)

• Contributors:
  – initially developed by Ernie Ghiglione
  – E-LANE project
  – Adam Ullman (Concurrent Technologies)
  – SITT (Michelle y Giancarlo)
  – Dave Bauer
  – aDeNu group
  – Others missing??
Competitors status

• SCORM 1.2:
  – ATutor, ANGEL, Kewl, OLAT, Docebo, WebCT

• SCORM 1.3 (2004):
  – Blackboard, Claroline, Desire2Learn, TeleTop, Moodle

An appropriate SCORM support is a MUST for dotLRN to be competitive.
• SCORM 1.2:
  – ATutor: delayed for funding (Estimated Cost: $60,000 CDN)
    http://wiki.atutor.ca/display/atutorwiki/SCORM+2004
  – MosSolo SCORM 2004 (potential module candidate)
  – ANGEL. SCORM 1.2 compliant
• SCORM 1.3 (2004):
  – Moodle: SCORM 1.3 from ADL SCORM 2004 Test Suite passed
    – http://tracker.moodle.org/browse/MDL-9255
  – Blackboard, Claroline, Desire2Learn, TeleTop,

An appropriate SCORM support is a MUST for dotLRN to be competitive
Community members interests

- Matthew Coupe
  - LORS central integrated with assessments, forums and chat
- aDeNu Group (UNED)
  - accessible SCORM based courses
- Innova Group (UNED)
  - Oracle support
- Galileo
  - deploy LORS Central
- Don Baccus’ clients
  - basic course sequencing
- Others interested???
  - ??
• **Currently:**
  – SCORM 1.2 RTE3 Compliant (from 28/4/2005)
  – Bugs detected for courses using SCO or MD
    • html resources with javascript calls to the API java applet
  – No SCORM sense

• **Short term:**
  – Improve accessibility and usability in the course navigation:
    • Do not use frames
    • Back + Next, Shortcuts
  – Incorporate improvements performed by ADENU in ALPE project
  – Access to the full IMS-MD Repository
    • at item, resource and file level
• **Implement SCORM 2004 3rd Edition:**
  – Extend the current CMI (Content Model)
    • to the new version (more completed)
  – Extend / refine the new API functions
  – Navigation Rules
  – Sequencing Rules
    • Basic sequencing: control-mode
    • Simple Sequencing (IMS SS)?
      – IMS SS (complex but not fully covers needs)
      – SCORM and IMS LD: working together (improve richness)

• **Resources & Tools:**
  – SCORM Documentation + Conformance Test Suite + Applet provided
  – Code of other open source eLearning tools SCORM 2004 compliant
TO DO (from the wiki)

- **Short term:**
  - Fix bugs both in LORSM and LORS Central
  - Assure that SCORM sessions are recorded
  - Dynamic integration of Forums and File storage
    - as Assessment is done

- **Medium term:**
  - Combine LORSM and LORS Central to include:
    - version handling, live version management, single item add/edit, content repository instead of file-storage, ...
  - Improve implementation
    - recompile Java applet vs. rewrite in Javascript
  - Integrate LORS inside platform space
    - instead of in full page display
  - Integrate portlets (forums, assessment, file storage)
    - instead of the whole page
  - Improve accessibility
  - Implement SCORM 2004 v3
Let’s define the roadmap now

- What?
- Who?
- When?
- How?

http://openacs.org/xowiki/SCORM_support