

Roadmap for SCORM support in dotLRN

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- 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??

- SCORM 1.2:
 - ATutor, ANGEL, Kewl, OLAT, Docebo, WebCT
- SCORM 1.3 (2004):
 - Blackboard, Caroline, 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)
http://www.moschorus.com/centre/MosPub/solo_en/index.html
 - ANGEL. SCORM 1.2 compliant
 - OCCAM: <http://www.easyi.com/compliance-learning-management-system.php?gclid=x>
- SCORM 1.3 (2004):
 - Moodle: SCORM 1.3 from ADL SCORM 2004 Test Suite passed
 - **Moodle's SCORM 2004 RTE deviates from standard, potentially causing loss of information 9/4/2007**
 - <http://tracker.moodle.org/browse/MDL-9255>
 - Blackboard, Claroline, Desire2Learn, TeleTop,

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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
 - <http://www.scorm.com/pages/resources.aspx>

- **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