

SCORM White Paper call

Abstract

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This document is written as a broad recommendation, with deep knowledge of SCORM 1.2 but very uneven knowledge of SCORM 1.3/2004.

Problem definition

No suggested, recommended or example implementation of SCORM is available to LMS developers.

Use case

An LMS developer who wants to implement SCORM in his LMS should be able to find at least one suggested implementation of SCORM for LMS (be it in pseudo code or in a specific language). At present, there is no such thing.

Stakeholders

LMS developers.

Proposed Solution

This would both improve the quality of SCORM implementations as well as the global adoption. One LMS developer possibly accounts for thousands of bottom-line SCORM users.

Dokeos is licensed under GPL, and its SCORM code is heavily integrated into the LMS-specific code, which makes it impractical for re-usal both in terms of license (GPL is very restrictive for closed-source implementations) and in technical terms. The same goes for Moodle. However, some of the ideas could be used to provide a common solution based on a less-restrictive license (LGPL for example).

Integration and other technical issues

The provided suggested implementation would not be enough to reduce the SCORM implementation into an LMS to only a few hours, but would already be a considerable help and time-saving element for broad SCORM 2.0 integration.

Existing implementations/prototypes

See implementations inside GPL LMS'es

Summary and recommendations

Provide a suggested implementation of SCORM 2.0 as part of the standard definition.