

SCORM White Paper call

Abstract

Author: Yannick Warnier <yannick.warnier@dokeos.com>

Acts as: Software Engineer for Dokeos SPRL, company acting as principal developer of the Dokeos open-source e-learning software.

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 default suggested database structure for LMS implementations

Use case

An LMS developer wants to integrate SCORM 2.0 into his LMS. No information is available publicly for suggested database structures, yet it is very difficult to design a database structure following the **very dense and very long** SCORM standard definition.

Stakeholders

LMS developers.

Proposed Solution

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

Integration and other technical issues

None

Existing implementations/prototypes

Database schema for SCORM 1.2 implementation publicly available as part of the Dokeos technical documentation: http://www.dokeos.com/wiki/index.php/SCORM_tool_redesign#Database

This documentation, however, includes several elements proper to Dokeos.

Summary and recommendations

Provide a suggested database structure available to LMS developers that enter the SCORM world.