SCORM 1.2 Lessons Learned

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- About AlexIT
- Experience with scheme
- Experience with test suite
- Experience with SCOs in run-time
- Question regarding SCORM 1.2

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Objectives

- To clarify some issues experienced by adapting SCORM 1.2.

- To better understand SCORM 1.2 and apply in right way

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About AlexIT

- The first SCORM Adaptor in Korea
  - API Developed both in Active-X and Java
  - Now API being Developed in flash format(swf)

- Specialization
  - LMS/LCMS
    (NetCampus21 – SCORM 1.2 Certified)
  - Web-Based Solutions
    (Learning Anywhere-Virtual Class)
  - Developing WBT coursewares

- Activities regarding SCORM
  - Hold related seminars and workshops
    (Plaque of Contribution awarded by Ministry of Industrial Resource, 2003)

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Experience with scheme

- **Issue**

  - Scheme(xsd) in the Manifest file supposed to be operated locally didn't work on Korean Windows OS.

- **Opinion**

  - The scheme installed on the desktop currently should be located in the same folder as the test suite application is installed.

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Experience 1 with Test Suite

□ Issue

- Scheme(xsd) in the Manifest file supposed to be operated locally didn't work on Korean Windows OS.

□ Opinion

- The scheme installed on the desktop currently should be located in the same folder as the test suite application is installed.

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Experience 2 with Test Suite

- Issue
  - In the case of Content Conformance Test
    - ➔ not visible about how some cmi data like cmi.core.lesson_location work.

- Opinion
  - Re-launch of certain contents should be requested to verify their works instantly
    - ➔ using cookie

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Experience 3 with Test Suite

□ Issue

- The data types of cmi.suspend_data and cmi.comments are more than 4096 bytes in string.

➔ MS SQL works OK, but Oracle through ODBC doesn't work.

□ Opinion

- The string of those data doesn't have to be that long. Why not less than 4000 bytes.

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Experience with SCOS

- □ Issue
  - ■ When jumping from a SCO to another SCO too quickly, sometimes LMSfinish fails.
  - ➔cmi data like lesson_status or total_time won't get updated.
- □ Current ALEX IT's solutions
  - ■ A hidden loading paged is used, being inserted between SCOs.

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Question 1 regarding SCORM 1.2

□ questions

- How to track every page that a learner completes studying ?

□ Current Adaptation

- Using bookmark
  - ➔ by scanning cmi.core.lesson_location
    in advance

Question 2 regarding SCORM 1.2

□ questions

- How to effectively use the returned value of the write- only-data by LMS ?

□ Current Adaptation

- LMS gets the data from DB directly and shows them in certain report sheets.

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Question 3 regarding SCORM 1.2

☐ questions

- What cmi data supports the accessibility of web content?
- If any, how to match them ?

☐ Current Adaptation

- None.

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Thank U

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