SCORM 2004 4^{th} Edition Overview

Angelo Panar
ADL Co-Lab Hub
**SCORM 2004 4th Edition Overview**

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SCORM 2004 4th Edition Overview

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Advanced Decision Learning (ADL), ADL Co-Lab Hub, 1901 N. Beauregard Street Suite 600, Alexandria, VA, 22311

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ImplementationFest2009, 18-20 Aug 2009

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19a. **NAME OF RESPONSIBLE PERSON**

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*ImplementationFest2009, 18-20 Aug 2009*
SCORM 2004 4th Edition

- Version 1.1 released August 14, 2009
  - Fixes issues found in the Version 1.0 (March 31) release
  - Incorporates 2 ½ years of community feedback
  - Increases interoperability
  - Provides new features

- Supporting products updated and released
  - SCORM Testing Requirements
  - Test Suite
  - Sample Run-Time Environment (SRTE)
  - ADL SCORM RELOAD Editor
Increased Interoperability

- Improved content package testing
  - Content package validation
  - Improved XML extension validation
  - Broader communicative content testing

- Over 75% more LMS Test Packages
  - Leverages extensive content developer feedback
  - Clarifies ambiguities and boundary conditions
  - Covers anomalous LMS behaviors
New Features
Generic Inter-SCO Data Sharing

- Enables SCOs to share large amounts of unstructured data

- Works by:
  - Defining shared data store mappings within the content package manifest
  - Accessing the data stores using the adl.data.n extension data model elements
  - Allowing the LMS to persist data stores
Broader Objective Sharing

- Extends the current data mapping of shared global objectives

- Works by:
  - Applying additional read/write maps within the manifest
  - Leveraging additional cmi.objectives.n elements
    - Completion_status
    - score.raw
    - others
Partial Completion Rollup

- Extends the sequencing rollup behavior to account for partial completion and completion threshold evaluations

- Works by:
  - Allowing SCOs to report partial completion using the cmi.progress_measure element
  - Applying a weight or threshold to the progress measure via ADL XML extension elements
  - Allowing LMS to apply behavior consistently with current measure rollup
Jump Navigation Request

- Enables direct navigation to an activity

- Works by:
  - Invoking “Jump” only via a SCO, using adl.nav.request
  - Ignoring control modes during resolution of the “Jump” request
New Certification Process
SCORM Certification Concerns

- Historical relevance
- Confusion over the certification logo
- Lots of SCORM 2004 versions
- Confusion over language
  - Conformance
  - Compliance
  - Compatible
  - etc…
- Not easy to find interoperability remedies
- Customized in-place deployments
SCORM Certification Update

- Will be continuous though the product’s lifecycle
- Includes
  - Interoperability challenge and review process
  - Decertification process
  - ADL support for Learning Technology Lab participation
  - New certification agreement
  - Potential in-place certifications
- Eliminates content certifications
- Retires historical certifications to “adoptors”
Certification Process Workflow
Resources

- ADL Initiative

- Ask the Experts (Help Desk)
  - scormhelpdesk@adlnet.gov
Questions or Comments?

Angelo Panar
angelo.panar.ctr@adlnet.gov