

ISO/IEC JTC 1 Special Working Group on Accessibility (SWG-A)

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Source: Mr. Erlend Øverby, JTC 1/SC 36/WG 7 Convener

Requested Action: For consideration at the April 2007 SWG-A meeting.

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Information Technology for Learning, Education, and Training SC36 WG7 Culture, Language and Human-Functioning Activities

Title:

Presentation to JTC1-SWG-A about activities relevant to SWG-A

Source:

WG7 Convenor

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P, O & L Members



SC36 Activities

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ISO IEC/JTC1/SC36

- Information Technology for Learning Education and Training
 - 7 Work Groups
 - WG1 Vocabulary
 - WG2 Collaborative Technology
 - WG3 Participant Information
 - WG4 Management and Delivery
 - WG5 Quality
 - WG6 Profiles
 - WG7 Culture, Language and Human Functioning Activities
 - Accessibility among other things...



What has happened since last report...

- New secretariat (2006-03)
- Focus on strategy
- Focus on Business planning
- 23 P-members (some new)
 - Russia
 - Luxembourg
 - New Zealand
- 1 O-member



Standards developed

- ISO/IEC 19796-1 ITLET – Quality Management, Assurance and Metrics-General Approach
- ISO/IEC 24703 Information technology – Participant identifiers



Projects ready for FDIS

- ISO/IEC 2382-36: Vocabulary – Part 36 Learning, Education, and Training
- ISO/IEC 19778-1: Collaborative Technology – Collaborative workplace Part 1: Data Model
- ISO/IEC 19778-2: Part 2: Collaborative Environment Data Model
- ISO/IEC 19778-3: Part 3: Collaborative Group Data Model
- ISO/IEC 19780-1: Collaborative Technology – Collaborative Learning Communication Part 1: Text-based Communication
- ISO/IEC 24725-2: Profiles of standards and specifications Part 2: Profile of Rights Expression Language (REL) – Commercial Applications
- **ISO/IEC 24751-1**: Individualised Adaptability and Accessibility in e-Learning, Education and Training Part 1: Framework
- **ISO/IEC 24751-2**: Part 2: AccessForAll Personal Needs and Preferences Statement
- **ISO/IEC 24751-3**: Part 3: AccessForAll Digital Resource Description

Projects under development

- ISO/IEC 19779: Collaborative technology
 - Agent to agent communication
- ISO/IEC 19780-1: Collaborative technology – Collaborative Learning Communication Part I: Text-based Communication
- ISO/IEC 24763: Conceptual Reference Model for Competencies and Related Objects
- ISO/IEC 19788-1: Metadata for Learning Resources Part I: Framework
- ISO/IEC 19788-2: Metadata for Learning Resources Part 2: Data Elements
- ISO/IEC 19796-2: Quality Management, Assurance, and Metrics Part 2: Quality Model
- ISO/IEC 19796-3: Part 3: Reference Methods and Metrics
- ISO/IEC 19796-4: Part 4: Best Practice and Implementation Guide
- [ISO/IEC 24751-4](#): Part 4: Non-digital resource description
- [ISO/IEC 24751-5](#): Part 5: Personal needs and preferences for non-digital resources
- [ISO/IEC 24751-6](#): Part 6: Personal needs and preferences for events and places
- [ISO/IEC 24751-7](#): Part 7: Description of events and places
- [ISO/IEC 24751-8](#): Part 8: Language accessibility and Human Interface Equivalencies (HIEs) in e-Learning applications



New proposals

- Definition of Concepts for User Actions for use in Learning, Education, and Training Environments
- Process for Multilingual Semantic Reverse Query Expansion
- Nomadicity and Mobile Technologies
- IMS Content Packaging
- IMS General Web Services
- The Use of Technology for the Delivery and Marking of Fair, Reliable and Valid Assessments
- Other activities
 - Study period on "Intelligent Systems"
 - Study period on Competencies and Skills Management Architecture
 - Privacy AD HOC group

Accessibility activities



ISO/IEC 24751 series

- **Individualised Adaptability and Accessibility in e-Learning, Education and Training.**
 - Part 1: Frameworks and reference models
 - Part 2: “Access for All” Personal Needs and Preferences for Digital Delivery
 - Part 3: “Access for All” Digital Resource Description
 - Part 4: Non-digital resource description
 - Part 5: Personal needs and preferences for non-digital resources
 - Part 6: Personal needs and preferences for events and places
 - Part 7: Description of events and places
 - Part 8: Language accessibility and Human Interface Equivalencies (HIEs) in e-Learning applications



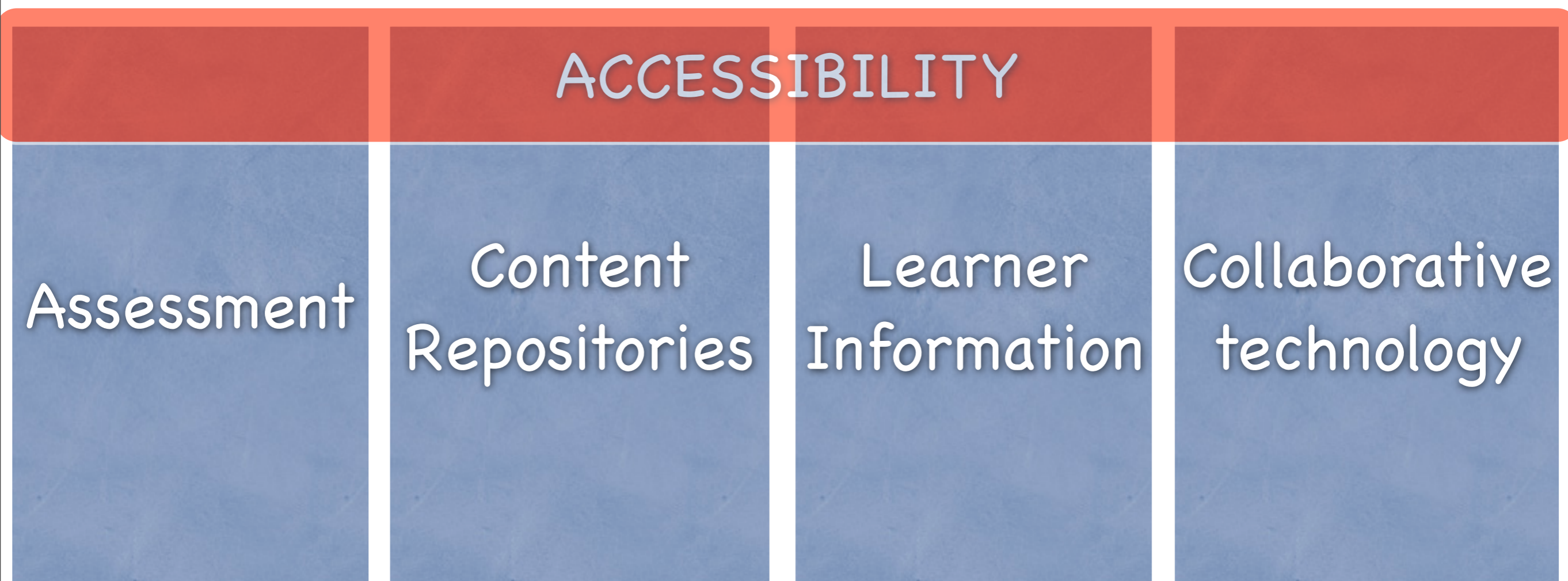
Other activities

- Embedding accessibility in all relevant standards from SC36
- Harmonising SC36 standards
 - Accessibility
 - Quality
 - Vocabular

Embedding accessibility

- Accessibility need to part of all technology
- Challenge:
 - Develop framework for a more general solution
 - One on one basis, based on the project and on the area addressed...

Accessibility as a horizontal



Thanks