

A new standard passepartout: Implementing IMS AccessForAll and ISO FDIS 24751 Accessibility



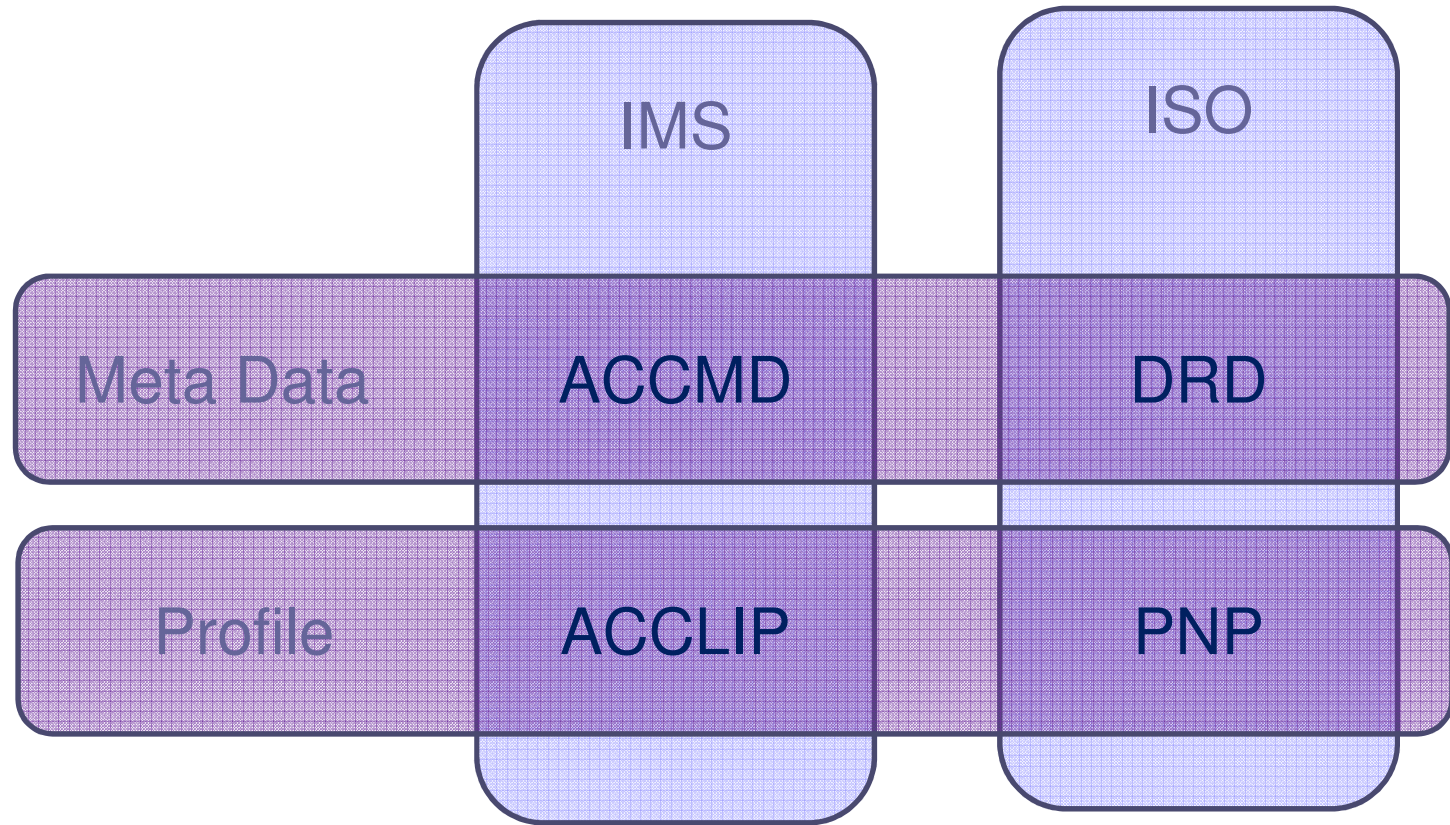
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Our aim



- Designing and implementing IMS AccessForAll and ISO Accessibility Standards as a further feature of the ATutor LCMS
 - Providing customized formats of content to the learners, on the basis of declared preferences and needs
 - Providing authors the means to add alternate forms of content to their content packages

E-learning Accessibility Standards



Content authoring



Content Properties Glossary Terms Preview Accessibility **Adapted Content** Tests & Surveys

Save Close Close after saving

Update Resource Properties

images/tm_home.jpg

Original Resource Type

Define resource type

Auditory
 Textual
 Visual

Original Resource Language
English - English

images/tm_results.jpg

Original Resource Type

Define resource type

Auditory
 Textual
 Visual

Original Resource Language
English - English

Path to Current Directory: Home

Add

Tip: Keep it short, no spaces.

Name	
	dave test file
	dave test file 081029224512
	ELTCBT
	flashaccess
	images
	theyre their there sco
	index.html

User preferences



ATutor Settings | Display Settings | **Content Settings** | Tool Settings | Control Settings

Alternative To Text

Use Alternative To Text
 Yes No

Preferred Alternative
Visual

Append or Replace Original Content
 Append Replace

Preferred Language
English - English

Alternative To Audio

Use Alternative To Audio
 Yes No

Preferred Alternative
Text

Append or Replace Original Content
 Append Replace

Preferred Language
English - English

Alternative To Visual

Use Alternative To Visual
 Yes No

Preferred Alternative
Audio

Append or Replace Original Content
 Append Replace

Preferred Language
English - English

Our experience



- Some particular cases have been found and analysed:
 - The declaration of more than one alternative access modes for each form of resources
 - The provision of alternatives both to the whole original aggregated content (hypertext, rich media, ecc) and to each single part compounded it
 - The provision of alternatives to pieces of formatted text in HTML documents as original resources (when they are not in separated files)
 - The provision of a single alternative to a set of original resources (and viceversa)
 - Substitution or appending?

Conclusions



- This project has extended the ATutor LCMS accessibility features
- This is the first time ISO Accessibility Standards are applied in a LCMS
- The project has been included in the 1.6.2 ATutor release since December 2008

Contacts



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- For further information about ATutor:
 - <http://www.atutor.ca>