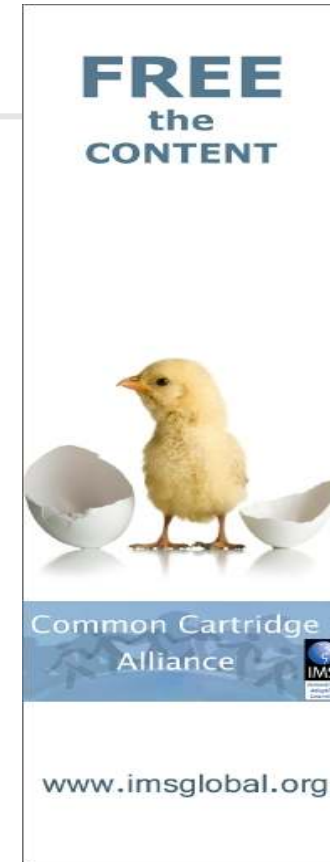


IMS Update:

Common Cartridge & Common Cartridge K-12

IDEA 2008, Melbourne, 2008-11-12

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Linking research & learning technologies through standards

Common Cartridge scope

“.. format for the distribution of rich, web-based content”

- more interoperable than “plain” IMS content packages?
- an alternative to SCORM?

Cognisant of publisher requirements

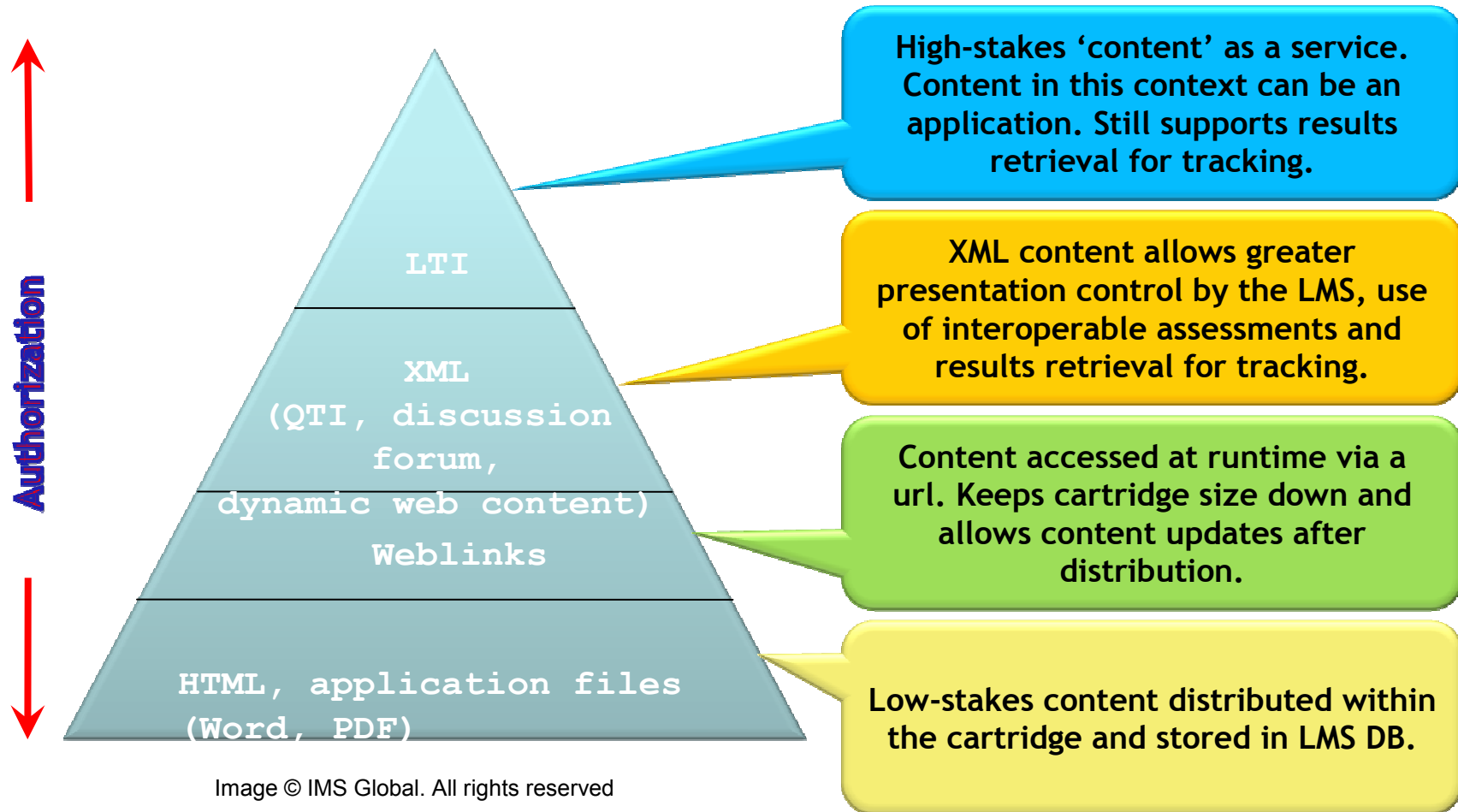
- “designed to ensure the correct installation and operation of content across any Common Cartridge conformant platforms and tools”

Common Cartridge features

- Metadata
 - cartridge
 - resource*
- Rich content
 - embedded
 - web links
 - “content as service”
- Collaborative learning
 - discussion forums
 - collaborative web tools
- Integrated assessments
- Authorisation for protected content
- Instructor / student views*
- Instructor aids
 - lesson plans*
 - question banks
 - assessment guides

* = in progress

Common Cartridge content hierarchy



Linking research & learning technologies through standards

Common Cartridge reuse of existing specs

Profiled existing specs to

- Eliminate options
- Remove unwanted extensibility
- Restrict to proven, commonly used features
- Testable constraints

Limited capability to enable implementation and interoperability

- but maybe enough capability to be usable?

Existing specs

- Metadata
 - Dublin Core mapped to IEEE LOM XML binding
- Content
 - IMS Content Packaging
 - IMS Question & Test Interoperability
- Collaborative content
 - IMS Learning Tools Interoperability

New specs

- Launch discussion topic
- Authorisation web service

Linking research & learning technologies through standards

Common Cartridge developer support

Test cartridges

- Valid cartridge set
- Known error cartridge set

Cartridge compliance

- Cartridge test tool

Platform compliance

- Self-inspection using test cartridges

Gold standard cartridge – Pearson Organic Chemistry

SCORM2CC conversion tool

SimpleLTI prototype



Common Cartridge status

Public draft

- comments closed
October 2008
- Approved for
publication by IMS
Tech Board

Final specification

- any day now

Common Cartridge Alliance

- Promote specification
- share implementation
experience

Publisher uptake

- Pearson
- Open University (UK)

Common Cartridge K12



Profile and extend Common Cartridge
Link content to curriculum descriptions

- Map between curriculum descriptions

Embed lesson plans

- Initially human readable
- Future: machine readable (IMS learning design?)

New role

- facilitator / parent

Linking research & learning technologies through standards

Want to know more?

Questions?
Comments?



Common Cartridge site:

<http://www.imsglobal.org/cc/>

Common Cartridge alliance:

<http://www.imsglobal.org/cc/alliance.html>

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