

ASPECT

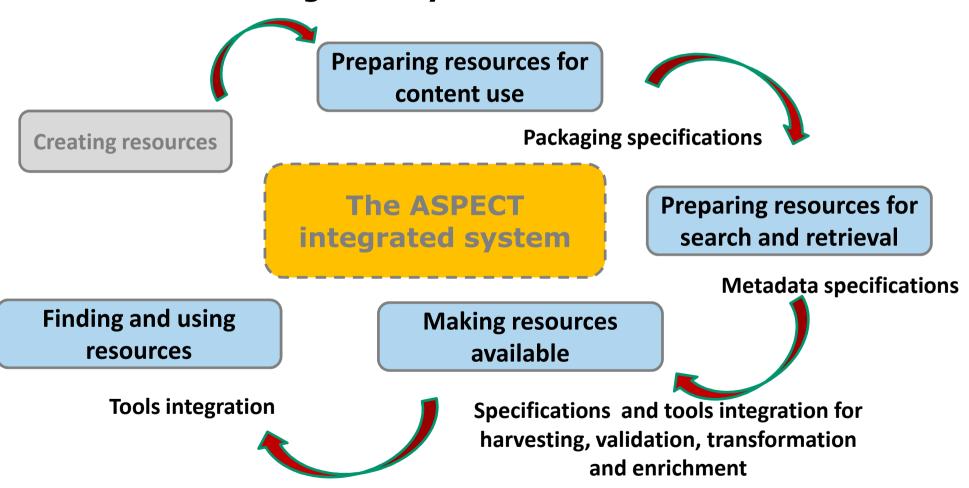
THE ASPECT INTEGRATED SYSTEM

FOR CONTENT DISCOVERY AND USE

EMINENT - Copenhagen November 8, 2010



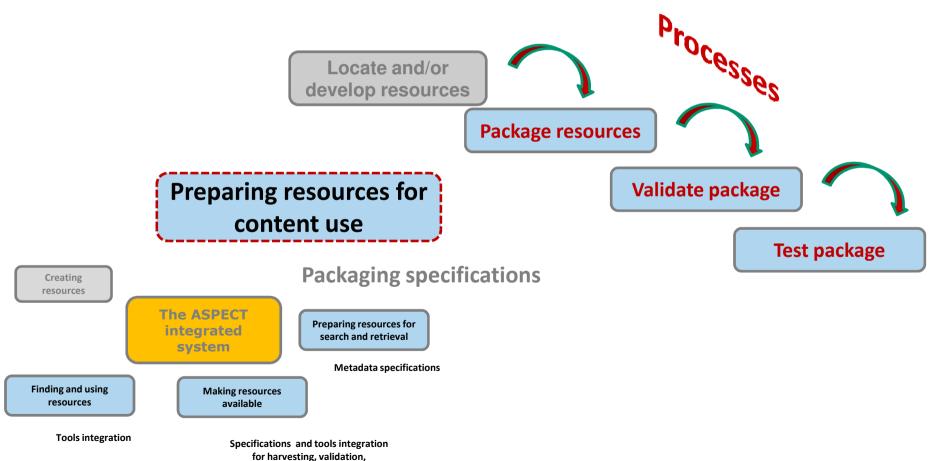
The ASPECT integrated system





Preparing resources for content use

transformation and enrichment





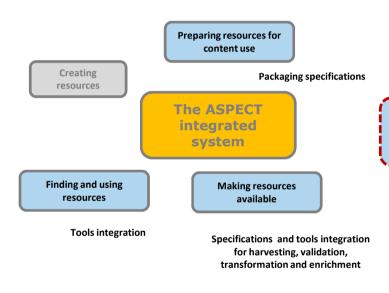
Preparing resources for content use

Focus on work with the IMS Common Cartridge specification, i.e. working with

- Packaging tools illustrated by means of the Common Cartridge Builder
- Validation tools an offline validator application and an online IMS validator (http://validator.imsglobal.org/)
- Runtime test using the Icodeon Common Cartridge Platform



Preparing resources for search and retrieval



Metadata specifications

Preparing resources for search and retrieval

Focus on our work on metadata – in particular the validation and conversion tools and services

 Validation tools – illustrated with ARIADNE validation service

(http://ariadne.cs.kuleuven.be/validationService/)

Adopting Standards and Specifications PECT for Educational Content Making resources available **Making resources** available Register **Local repository** LOR Registry

3.

Feedback:

- website

- e-mail

- RSS feed

Harvest

5.

Status

Query collections

ASPECT

Harvester

4. Internal processes:

- transformation

- validation

6.1. Enrichment,

ASPECT

Metadata Storage

identifiertranslation

6.2. Final steps

- indexing

- transformation

e.g.

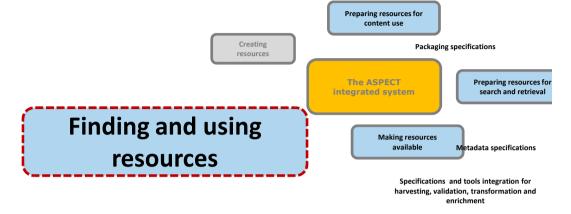
Publish

6.



Adopting Standards and Specifications for Educational Content

Search, retrieval and use



Illustrating:

- How our work on metadata allows the user to search 'across language barriers'
- How some of the advanced search features of the LRE work
- Tools integration and content use
 - LRE Icodeon CC platform integration based on LTI (Learning Tools Interoperability)
 - LRE Moodle integrated search and retrieval of ASPECT resources
 - Moodle import and handling of Common Cartridge packages
 - Integration of packaged content in blogs, facebook and other contexts

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