

OpenScout Overview

Skill-based Scouting of Open Management Content

Demo @ EC-TEL 2010
30 September – 1 October 2010

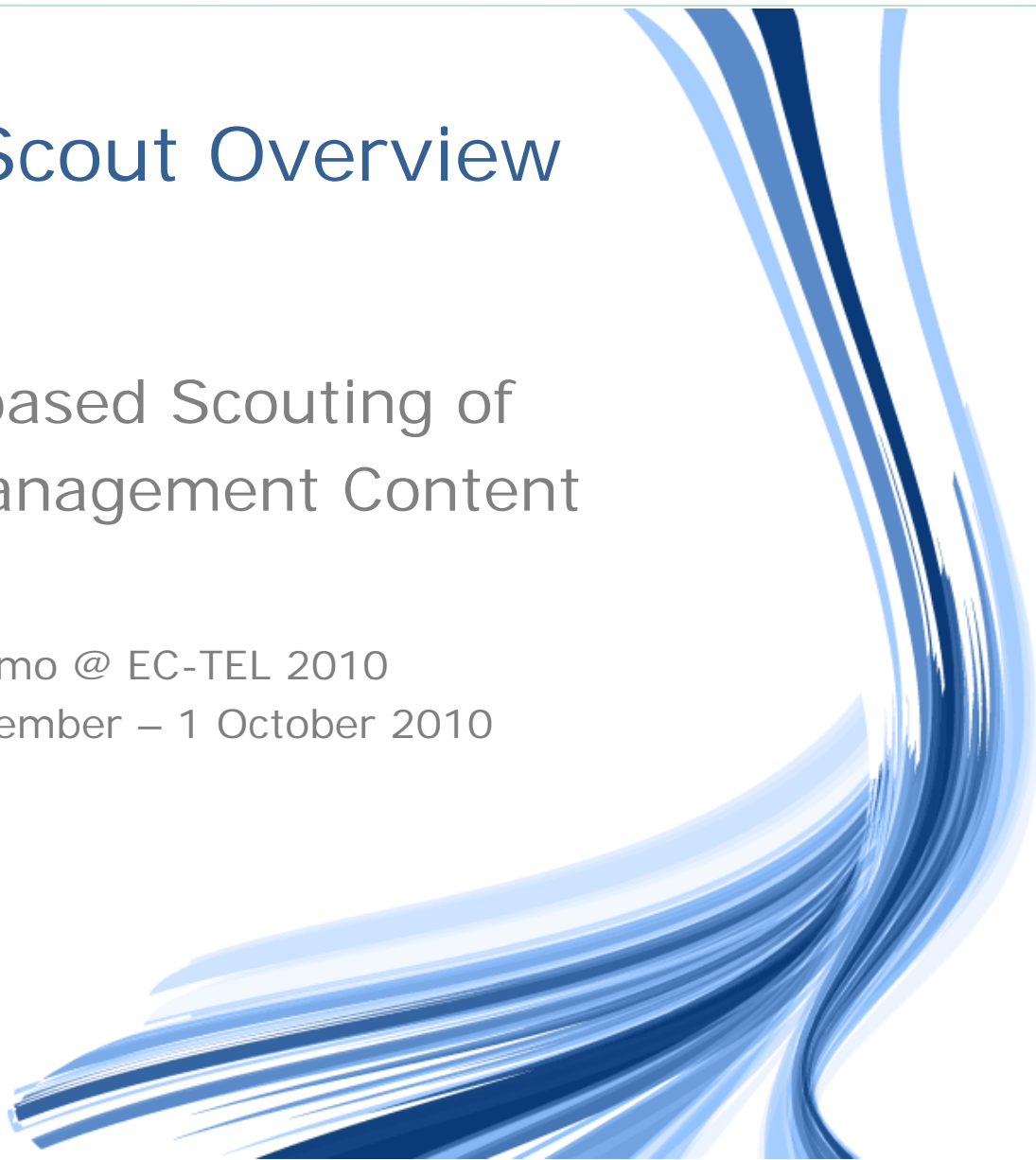
Partners



Co-funded by European Commission



eContentplus



OpenScout Project


OpenScout is a European project

- Co-funded by EU *eContentplus* Programme
- Targeted Project in the area Educational Content
- 18 partners in 14 countries organized in 8 groups
- Duration: Sep. 2009 – Aug. 2012

OpenScout stands for

- Skill-based scouting of
- Open user-generated & community-improved content
- For management education and training

Usage Barriers

- Many repositories with open management content
- But
 - Isolated solutions
 - Not widely known
 - No single access point
- No exchange and interconnection
- Consequence
 - Learners use 
- Learning material unfiltered & often inappropriate

OpenScout's Planned Results

Federated Content Base

- Connect leading management content repositories
- Extend with metadata to improve retrieval

Web Service Infrastructure

- Skill-based search & retrieval services
- Integration into Learning Management Systems (LCMS) and social network platforms

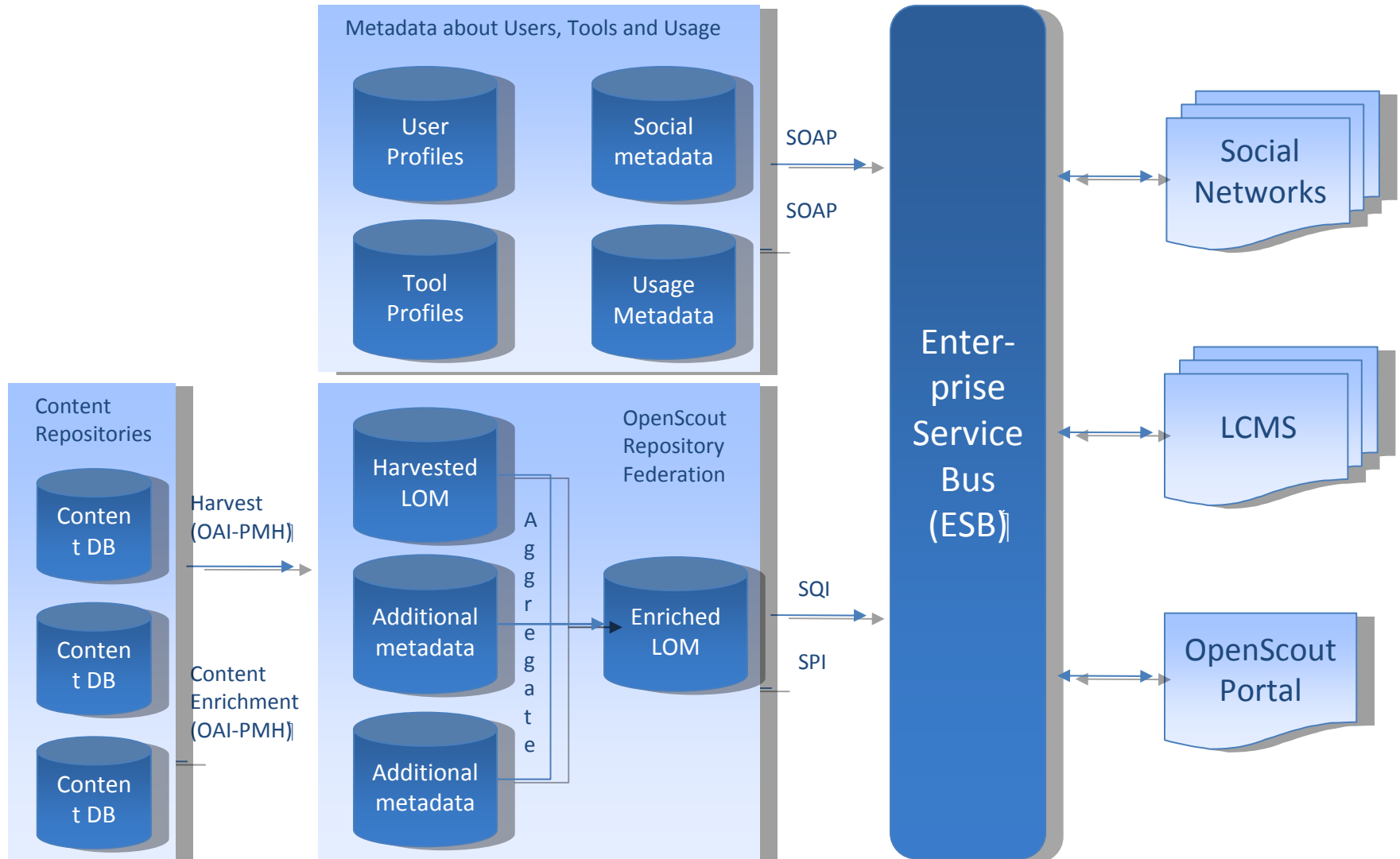
Tool Library

- Re-authoring, improvement, annotation of content

Open Content Community

- Enlarge group of learners & providers adopting services & standards for open content

OpenScout Architecture



Technologies and Standards I

LOM based Application Profiles

- Based on LOMv1.0 standard
- Extended to represent competences (EQF)

Federation of repositories

- OAI-PMH and central server

Usage-metadata

- CAM (Contextualized Attention Metadata)

Technologies and Standards II

Query languages for central metadata store

- SQL (Simple Query Interface) Service
Container for queries and answers
- ProLearn Query Language (PLQL)

Publishing metadata to central metadata store

- SPI (Simple Publishing Interface)

Technologies and Standards III

Service Mash-up

- SOAP, REST web services
- Enterprise service bus (ESB) architecture implemented with [Apache ServiceMix](#)

Portal front end

- JavaScript (jQuery library), PHP

Widgets

- OpenSocial

OpenScout's Impact

- Reduce usage barriers
 - Facilitate connection of services & tools
 - Connection to familiar LCMSs & social networks
- Accelerate use of open learning resources in business & management education
- Creation of largest federated, skill-tagged collection of management content (20.000 hours)
- Different target users
Learners and providers (individual & professional)
- Attract stakeholders to Open Content Community
⇒ Explosion of improved content & services
- Focus on standards to guarantee interoperability

Demonstrator



Demo: Portal (openscout.net/demo)

The screenshot displays the OpenScout Webportal interface. At the top, there is a navigation bar with the text 'Openscout Webportal' and various utility icons. Below this, a 'Tools' panel contains icons for a lightbulb, a lightning bolt, a magnifying glass, and a heart rate monitor. A 'Search Tool' panel is active, showing the keyword 'management' entered into a search box. Below the search box, it indicates 'Keyword:' and 'Select Repositories: OpenLearn slidestar'. A 'Search' button is located to the right of the search box.

The 'Harvester Results' section displays a table of search results:

	Title	Repository
1	Understanding operations managem	oai:openlearn.open.ac.uk:B700_2
2	Understanding management	oai:openlearn.open.ac.uk:Y159_2
3	The importance of interpersonal skills	oai:openlearn.open.ac.uk:Y159_1
4	Systems thinking and practice	oai:openlearn.open.ac.uk:T551_1
5	Systems modelling	oai:openlearn.open.ac.uk:T553_1
6	Systems diagramming	oai:openlearn.open.ac.uk:T552_1
7	Social Learning - Wie lernen im Web	oai:slidestar.de:1015
8	School Governors: secondary school	oai:openlearn.open.ac.uk:E500_8
9	School Governors: primary school m	oai:openlearn.open.ac.uk:E500_7
10	School Governors: performance man	oai:openlearn.open.ac.uk:E500_9



At the bottom of the results table, there are navigation controls: 'Page 1 of 3' and 'View 1 - 10 of 26'.

The main content area shows a detailed view of the selected result, 'Understanding management'. It features a thumbnail image of a person walking on a path with arrows. To the right of the image, the following text is displayed:

Title: Understanding management
Description: Have you ever wondered what 'management' means? What kinds of ideas and activities are involved? What or who makes a good manager? Or a bad one? This unit provides a taste of the Open University's Understanding management course which could point you towards some of the answers to these questions.
Resource: http://openlearn.open.ac.uk/Y159_2

Below the description, there are tabs for 'Main', 'Author', 'Visualize', and 'Collaborate'. The 'Main' tab is selected. Underneath, a blue banner displays 'Competencies: Ability to run an organization, Ability to watch soccer'. Below this is a rating system with five stars and the text 'Rate (23 Ratings)'. A 'Tag Cloud' section shows various tags, with 'any', 'crime', 'lf', 'is', 'law', 'not', 'question', 'said', 'web', and 'written' being prominent. An 'Add tag' button is located below the tag cloud. At the bottom, a message states: 'You have added the following tags: Frontier, Investigation'.

Demo Widget (openscout.net/demo-widget)


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business full text query

 [options]

  An introduction to business cultures



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Presentation at ARIS Process World 2008, Berlin



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  Hans Gerl (BMW Group): How to Process Management Can Help to Transform Your Business

Presentation at ARIS Process World 2008, Berlin

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  Erik Brahänder, Tünnen Kempe (IDS Scheer)



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Details

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[link](#)

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