<table>
<thead>
<tr>
<th>項目</th>
<th>内容</th>
</tr>
</thead>
<tbody>
<tr>
<td>事例</td>
<td>未提供内容</td>
</tr>
<tr>
<td>注釈</td>
<td>未提供内容</td>
</tr>
<tr>
<td>画像</td>
<td>未提供内容</td>
</tr>
</tbody>
</table>
Metadata

How to Remove the Weakest Link

Web-conferencing Series #1: OER in Asia: Key issues of sharing and searching

25th February 2014

Ishan Abeywardena

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School of Science and Technology
Wawasan Open University
Penang, Malaysia
The Weakest Link
Content repositories
Portal repositories
Content and portal repositories

Nutrition Facts
Serving Size 1 packet (1g) 
Servings per Carton 100

Amount Per Serving 

Calories 0 
Total Fat 0g 
% Daily Value* 
Sodium 0mg 
Total Carb. less than 1g 
Sucroses less than 1g 

• Vitamin A 0% 
• Vitamin C 0% 
• Calcium 0% 
Iron 4%

Carbohydrate 12 g 
Protein 2 g 

Calories from Fat 5 

% Daily Value* 
1% 
0% 
0% 
3% 
4% 
26%
the DCMI resource model

Source: http://dublincore.org/documents/abstract-model/ (29/08/2013)
Learning Resource Metadata Initiative

Final Public Comment Period on LRMI Draft Specification
Greg Grossmeier, January 24th, 2012

As you may recall, the LRMI project is creating an educational metadata vocabulary that will hopefully plug into the Schema.org metadata framework to be used by the major search engines.

Last week, the LRMI Technical Working Group released version 0.7 of the LRMI specification and with it, began the last public comment period ending January 31st. Barring any issues that need to be addressed, this will be the version that is submitted to the Schema.org community for review and inclusion.

Please provide any input on the LRMI mailing list or on the web forum at LRMI.net.

No Comments »
Tags: Learning Resource Metadata Initiative, LRMI, metadata

LRMI Specification version 0.5 released
Greg Grossmeier, November 21st, 2011

The Learning Resources Metadata Initiative (LRMI) Technical Working Group just released the latest draft of their specification. This version is another step on the road to the final public release and submission to Schema.org, the multiple search engine group that is maintaining a standard metadata specification for online content. LRMI intends to extend Schema.org’s documentation to include metadata that is important to the educational community, everyone from commercial publishers and OER producers to learners of all varieties (and of course, educators).

Please explore the 0.5 version of the specification and provide any feedback via the LRMI mailing list by December 9th.

No Comments »
Tags: Learning Resource Metadata Initiative, LRMI, metadata, OER

The Technical Working Group for the Learning Resource Metadata Initiative is Announced
Greg Grossmeier, August 16th, 2011

http://creativecommons.org/tag/learning-resource-metadata-initiative
Some Existing Solutions

- **Federated Search**: BRENHET\(^2\); OpeScout; Global Learning Object Brokered Exchange; GLOBE\(^?\) and Pearsons Proje\(\text{D}t\) Blue “ky.

- **Semantic Search**: OER-CC ontology; the Assistant prototype; the Folksemantic proje\(\text{D}t\); and Agrotags.
Hello...the issue is
Removing the Weakest Link
A Text Mining Algorithm

- Reads
- Learns
- Recommends

“to educate,”
What is OERScout
The Bag of Words
Making the Connection
### Keyword-Document Matrix (KDM)

<table>
<thead>
<tr>
<th>Document_1</th>
<th>Keyword_1</th>
<th></th>
<th>Keyword_n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document_2</td>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>............</td>
<td></td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>Document_n</td>
<td></td>
<td></td>
<td>√</td>
</tr>
</tbody>
</table>
OERScout: A Search Engine for Open Educational Resources

Resources indexed: 1999

Suggested Terms (53)
- analytical chemistry
- anomalous chemistry
- base chemistry
- biochemistry
- chemistry
- chemistry useful link

Related Terms (43)
- hydrocarbons
- increasingly demanding measures
- molecular world
- nos
- openlearn
- oxides
- petro vehicle exhausts
- poisons
- polymers
- polymers this unit examines
- primary pollutants
- public health
- quality air

2 Desirable resources found

- The three-way catalytic converter
  
  http://openlearn.open.ac.uk/course/view.php?id=2440
  
  Desirability: 75%; License: CCBYNC.S.A; Resource Type: webpage

- Introduction to polymers
  
  http://openlearn.open.ac.uk/course/view.php?id=2937
  
  Desirability: 75%; License: CCBYNC.S.A; Resource Type: webpage

Desirable Resources

Faceted Search

Related Terms

Desirability
License
File type

Copyright © 2013 Ishan Abeywardena, Wawasan Open University. For testing and evaluation only. Do not distribute!
\[\sin(35) + \frac{1}{v} + 0.5(-9.8)(1.2)^2\]

\[V^2 = (\sin(159)^2 + 0.8)\]
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- **MSc in Wireless Enterprise Business Systems**, Brunel University, UK.
- **MSc in Engineering Management**, Brunel University, UK.
- **BSc in Computer Science**, Bangalore University, India.
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Professional Member of
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- British Computer Society (**MBCS**)
- Institution of Engineering and Technology (**MIET**)
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E-mail: ishansa@wou.edu.my
Media Sources

- http://upload.wikimedia.org/wikipedia/commons/thumb/5/58/Multimedia_icon.png/120px-Multimedia_icon.png
- http://commons.wikimedia.org/wiki/File:Active_learning_-_jigsaw_map_of_Southeast_Asia.jpg
- http://commons.wikimedia.org/wiki/File:%D0%9A%D0%BE%D0%BF%D0%B8%D1%8F_800px-Ua-er9m-558-20070728.jpg
- http://commons.wikimedia.org/wiki/File:Public_Bus,_Cairo_02.JPG
- http://commons.wikimedia.org/wiki/File:Polski_Fiat_126p_in_Krak%C3%B3w_(MWM_2010).jpg
- http://www.youtube.com/watch?v=8YkbeycRa2A
- hydrodictyon.eeb.uconn.edu