<table>
<thead>
<tr>
<th>タイトル</th>
<th>「如何くのための最弱リンクを削除する」</th>
</tr>
</thead>
</table>

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Metadata
How to Remove the Weakest Link

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

25th February 2014

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The Weakest Link
Content repositories
Portal repositories
Content and portal repositories

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>% Daily Value*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calories</td>
<td>0</td>
</tr>
<tr>
<td>Total Fat</td>
<td>0g</td>
</tr>
<tr>
<td>Sodium</td>
<td>0mg</td>
</tr>
<tr>
<td>Total Carb, less than 1g</td>
<td>0g</td>
</tr>
<tr>
<td>Sugars less than 1g</td>
<td>0g</td>
</tr>
<tr>
<td>Vitamin A</td>
<td>0%</td>
</tr>
<tr>
<td>Vitamin C</td>
<td>0%</td>
</tr>
<tr>
<td>Calcium</td>
<td>0%</td>
</tr>
<tr>
<td>Iron</td>
<td>4%</td>
</tr>
<tr>
<td>Polyunsaturated Fat</td>
<td>0%</td>
</tr>
<tr>
<td>Saturated Fat</td>
<td>0%</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>0%</td>
</tr>
<tr>
<td>Dietary Fiber</td>
<td>4%</td>
</tr>
<tr>
<td>Total Carbohydrate</td>
<td>12g</td>
</tr>
<tr>
<td>Sugars</td>
<td>0%</td>
</tr>
<tr>
<td>Protein</td>
<td>2g</td>
</tr>
</tbody>
</table>

**Nutrition Facts**

- Serving Size: 1 packet (19g)
- Servings per Carton: 100
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 a 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 18th, 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 project; and Agrotags.
Hello...the issue is
Removing the Weakest Link
A Text Mining Algorithm

“to educate,”

➢ READS
➢ LEARNS
➢ RECOMMENDS
What is OERScout
The Bag of Words
Making the Connection
### Keyword-Document Matrix (KDM)

<table>
<thead>
<tr>
<th></th>
<th>Keyword₁</th>
<th>Keyword₂</th>
<th>..........</th>
<th>Keywordₙ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document₁</td>
<td>✔</td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Document₂</td>
<td>✔</td>
<td></td>
<td>✔</td>
<td></td>
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<tr>
<td>..........</td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Documentₙ</td>
<td>✔</td>
<td></td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>
OERScout: Search Engine for Open Educational Resources

Resources indexed: 1999

Suggested Terms (53)
- analytical chemistry
- anomalous chemistry
- base chemistry
- biochemistry
- chemistry?useful link
- Chemistry
- chemistry mcgraw
- chemistry bottles
- chemistry course
- chemistry courses
- chemistry curriculum
- chemistry education
- chemistry experiment simulations
- chemistry integration
- chemistry involving esters
- chemistry laboratory experiment

Related Terms (43)
- hydrocarbons
- increasingly demanding measures
- modern chemistry
- molecular worldthis course offers
- motor vehicles
- nitrogen nox
- nox
- openlearn
- overalltracker
- oxides
- petrol vehicle exhausts
- poisons
- polymers
- polymersthis unit examines
- primary pollutants
- public health
- quality air

Desirable resources found:

1. The three-way catalytic converter
   - Desirability: 75%; License: CCBYNC-SA; Resource Type: webpage

2. Introduction to polymers
   - Desirability: 75%; License: CCBYNC-SA; Resource Type: webpage

Related Terms:
- Faceted Search

Desirable Resources

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- British Computer Society (MBCS)
- Institution of Engineering and Technology (MIET)
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Media Sources

- http://upload.wikimedia.org/wikipedia/commons/thumb/5/58/Multimedia_icon.png/120px-Multimedia_icon.png
- http://upload.wikimedia.org/wikipedia/commons/thumb/2/25/Nuvola_multimedia.png/120px-Nuvola_multimedia.png
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- 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