最弱のリンクを削除する方法

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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
**Nutrition Facts**

- **Serving Size**: 1 packet (19 g)
- **Servings per Carton**: 100

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>Amount Per Serving</th>
<th>% Daily Value*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calories</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Total Fat</td>
<td>0 g</td>
<td>0%</td>
</tr>
<tr>
<td>Sodium</td>
<td>0 mg</td>
<td>0%</td>
</tr>
<tr>
<td>Total Carb.</td>
<td>less than 1 g</td>
<td>0%</td>
</tr>
<tr>
<td>Sugars</td>
<td>less than 1 g</td>
<td>0%</td>
</tr>
<tr>
<td>Protein</td>
<td>2 g</td>
<td>3%</td>
</tr>
<tr>
<td>Cholesterol</td>
<td>0 mg</td>
<td>0%</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>0 mg</td>
<td>0%</td>
</tr>
<tr>
<td>Total Fiber</td>
<td>7 g</td>
<td>26%</td>
</tr>
<tr>
<td>Sugar</td>
<td>less than 1 g</td>
<td>0%</td>
</tr>
<tr>
<td>Vitamin A</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Vitamin C</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Iron</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Vitamin D</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Calcium</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

*Daily Value is based on a 2,000 calorie diet.
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**: BRENHET²; OpeScout; Global Learning Object Brokered Exchange; GLOBE and Pearsons ProjeDt Blue “ky.

- **Semantic Search**: OER-CC ontology; the Assistant prototype; the Folksemantic projeDt; and Agrotags.
Hello...the issue is
Removing the Weakest Link
A Text Mining Algorithm

“to educate,”

- Reads
- Learns
- Recommends
What is OER Scout
The Bag of Words
**Keyword-Document Matrix (KDM)**

<table>
<thead>
<tr>
<th>Document₁</th>
<th>Keyword₁</th>
<th>Keyword₂</th>
<th>...........</th>
<th>Keywordₙ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>..........</td>
<td></td>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>Document₃</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- √ indicates that the keyword is present in the document.
OERScout: Search Engine for Open Educational Resources

No. resources indexed: 1999

Suggested Terms

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

Hydrocarbons
Increasingly demanding measures
Modern chemistry
Molecular worldthis course offers
Motor vehicles
Nitrogen nox
Nox
Openlearn
Overaltracker
Oxides
Petrol vehicle exhausts
Poisons
Polymers
Polymersthis 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-SA; Resource Type: webpage

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

Faceted Search

Desirability
License
Filetype

Related Terms
\[ \sin(35^\circ) + \frac{\sqrt{159}}{v} + 0.5 (-9.8)(t^2) \]

\[ v^2 = \sin(159^\circ) \]
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- British Computer Society (**MBCS**)
- Institution of Engineering and Technology (**MIET**)
- Microsoft Technology Associate (**MTA**)


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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
- 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=8YkbeczyRa2A
- hydrodictyon.eeb.uconn.edu