Metadata
How to Remove the Weakest Link

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

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The Weakest Link
<table>
<thead>
<tr>
<th>Nutrition Facts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serving Size 1 packet (19g)</td>
</tr>
<tr>
<td>Amount Per Serving</td>
</tr>
<tr>
<td>Calories 0</td>
</tr>
<tr>
<td>Total Fat 0g</td>
</tr>
<tr>
<td>% Daily Value*</td>
</tr>
<tr>
<td>Sodium 0mg</td>
</tr>
<tr>
<td>Total Carb. less than 1g</td>
</tr>
<tr>
<td>Sugars less than 1g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>% Daily Value*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protein 2g</td>
</tr>
<tr>
<td>Vitamin A 0%</td>
</tr>
<tr>
<td>Calcium 0%</td>
</tr>
<tr>
<td>Vitamin C 0%</td>
</tr>
<tr>
<td>Iron 4%</td>
</tr>
</tbody>
</table>
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 16th, 2011

The Learning Resources Metadata Initiative (LRMI) Technical Working Group has been announced and the first meeting is on September 6th. The LRMI team has been formed to work on creating a specification, initially for use in the educational sector, that will be used by multiple search engines to improve the accessibility of educational content on the web.
• **Federated Search**: BRENHET²; OpeScout; Global Learning Object Brokered Exchange; GLOBE and Pearsons Project 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
**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>
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<td></td>
<td>✓</td>
<td></td>
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<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>
\[
\sin(35) + \frac{1}{v} + 0.5(-9.8)(t)^2 = \frac{v^2}{2}
\]

\[
V^2 = \sin( \frac{159^2}{2} )
\]
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- **MSc in Engineering Management**, Brunel University, UK.
- **BSc in Computer Science**, Bangalore University, India.
- **PhD Candidate in Computer Science, University Malaya, Malaysia. Areas of specialisation: text mining, metadata, faceted search**

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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=8YkbeycRa2A
- hydrodictyon.eeb.uconn.edu