| タイトル | 〇 | メタデータ：最も弱いリンクを削除する方法

如何才能去除最薄弱的环节

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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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Wawasan Open University
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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>Servings per Carton 100</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>% Daily Value*</td>
</tr>
<tr>
<td>Total Carb, less than 1g 0%</td>
</tr>
<tr>
<td>Carbohydrate 12g 4%</td>
</tr>
<tr>
<td>% Daily Value*</td>
</tr>
<tr>
<td>Fiber 7g</td>
</tr>
<tr>
<td>Sugars less than 1g 0%</td>
</tr>
<tr>
<td>Protein 2g</td>
</tr>
<tr>
<td>% Daily Value*</td>
</tr>
<tr>
<td>Vitamin A 0%</td>
</tr>
<tr>
<td>Vitamin C 0%</td>
</tr>
<tr>
<td>Calcium 0%</td>
</tr>
<tr>
<td>Iron 4%</td>
</tr>
</tbody>
</table>

-% Daily Value* calculated for a 2000 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

The Learning Resources Metadata Initiative (LRMI) Technical Working Group is the driving force behind the LRMI initiative. This group is composed of leading experts from around the world who are dedicated to creating an educational metadata vocabulary that is comprehensive and interoperable with Schema.org.

The LRMI Technical Working Group includes representatives from a wide range of organizations, including universities, government agencies, and private companies. These experts have come together to develop a specification that will meet the needs of the educational community and help to ensure that online learning resources are easily discoverable and accessible.

The LRMI initiative is a collaborative effort that is open to participation from anyone who is interested in improving the way that online learning resources are shared and discovered. If you are interested in learning more about the LRMI initiative or in joining the LRMI Technical Working Group, please visit the LRMI website at http://creativecommons.org/tag/learning-resource-metadata-initiative.
Some Existing Solutions

- **Federated Search**: BRENHET²; OpeScout; Global Learning Object Brokered Exchange; GLOBE and Pearsons Projekt Blue “ky.

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

- READS
- LEARNS
- RECOMMENDS
The Bag of Words
Term Dictionary
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>
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<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Document₂</td>
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<td>✓</td>
<td></td>
</tr>
<tr>
<td>Documentₙ</td>
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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:Polski_Fiat_126p_in_Krak%C3%B3w_(MWM_2010).jpg
- http://www.youtube.com/watch?v=8YkbeycRa2A
- hydrodictyon.eeb.uconn.edu