OpenAtlas

A web based database application for complex historical, archeological and geospatial data

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OpenAtlas Web Interface

• Guarantee CIDOC CRM conformant data integrity
• Ease of use even without knowledge of the underlying model
• Flexibility for different research topics
• Dealing with data fuzziness
CIDOC CRM

- Developed by ICOM since 1999
- ISO Standard 21127 since 2014
- Formalises exchange of cultural heritage data
- Defines entities that are linked via properties according to defined rules
"I think you should be more explicit here in step two."
Flexibility for Different Research Topics

- Extensible Types
- Dynamic Types
Dealing with Data Fuzziness

- Names
- Dates
- Locations

<table>
<thead>
<tr>
<th>Begin</th>
<th>100</th>
<th>1</th>
<th>1</th>
<th>comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>109</td>
<td>12</td>
<td>31</td>
<td></td>
<td>Birth</td>
</tr>
<tr>
<td>End</td>
<td>143</td>
<td>2</td>
<td>3</td>
<td>been seen at a bonfire</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>yyyy</th>
<th>mm</th>
<th>dd</th>
<th>Death</th>
</tr>
</thead>
</table>

http://craws.net
Thank you for listening!

OpenAtlas    http://openatlas.eu
Demo           http://openatlas.craws.net
DPP              http://dpp.arz.oeaw.ac.at
CIDOC CRM      http://www.cidoc-crm.org