DBpedia Mobile
A Location-Enabled Linked Data Browser

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Relevant information for a mobile user

- Sightseeing
- Friends
- Businesses and Services
- Transportation
- Events
 LOD Content for Mobile Users

- geo:point
- Position
- Position
- geo:point
- DBpedia Resource
- geo:point
- geo:point
- rdf:type
- rdfs:label
- rev:hasReview
- foaf:depiction
- foaf:based_near
- ... and many more!
- People
- Photos
- Reviews
- Types
- Labels
GPS service: available; device: available
Position determined.
UTC Time: 16:02:40
Latitude: 39.928081
Longitude: 116.392518

URL:
http://beckr.org/DBpediaMobile/
Browser
Tiananmen Square

Review

A must-see! Very crowded on weekends.

Tiananmen Square is the large plaza near the center of Beijing, China, named after the Tiananmen (literally, Gate of Heavenly Peace) which sits to its north, separating it from the Forbidden City. It has great cultural significance as a symbol because it was the

Maps: Open Street Map

Terms of Use
Browser

http://dbpedia.org/resource/Tiananmen_Square

http://www.georss.org/georss/point
- 39.9033333333 116.391666667

http://www.holygoat.co.uk/owl/redwood/0.1/tags/tag
- A bundle of Tags associated with this Thing, defining when they were added and by whom.
Browser
Simple Filters

On the screen, there is a section labeled "Filters" with two tabs: "Simple" and "SPARQL". Under the "Simple" tab, there are two filters:

1. **Type** is set to "Sightseeing".
2. **Rating** is set to "is at least 3 stars".

Additionally, there is an option to add a filter condition and a checkbox to limit the view to a map view.

The device is labeled "O2 Xda".
**SPARQL Filters**

**Filters**

**Simple**  
**SPARQL**

<table>
<thead>
<tr>
<th>Statements of Berlin's U7 train line (by chris)</th>
</tr>
</thead>
</table>

```
PREFIX p: <http://dbpedia.org/property/>
PREFIX yago: <http://dbpedia.org/class/yago/>

CONSTRUCT {
    ?resource owl:sameAs ?alias
}

WHERE {
    ?resource p:line "U7"@en .
    ?resource rdf:type ?type
}
```

- Limit to map view (adds a filter on ?point)

**Notes**
- The map view will plot all resources with geo:point predicates
- In the CONSTRUCT statement, you may provide rdfs:label and rdf:type predicates for label and icon display
- owl:sameAs predicates are optionally used to prevent duplicate display of items
- Results are automatically limited to 400 triples

**Apply**
Create content

- Own location
- Photo
- Review
Create

Own Location
We think that you are located at **Tiananmen Square**.

Confirm

If this is incorrect please choose the correct resource from the map.
Create

is based near of

- Christian Becker

Sources

http://dbpedia.org/data/Tiananmen_Square
success (200), retrieved Tue, 22 Apr 2008 01:21:04 GMT (clear)

http://beckr.org/graphics/articles_label_no.nt
pending

http://beckr.org/graphics/articles_label_pt.nt pending

http://dbpedia.org/resource/Tian%27anmen_Square
redirect (303), retrieved Tue, 22 Apr 2008 01:21:03
<table>
<thead>
<tr>
<th>name</th>
<th>alternate name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiananmen</td>
<td>天安門</td>
</tr>
<tr>
<td>Brána Nebeského klidu</td>
<td>聖母顯靈門</td>
</tr>
</tbody>
</table>
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http://www.w3.org/People/Berners-Lee/card#i

Tim Berners-Lee

- http://www.w3.org/1999/02/22-rdf-syntax-ns#type
- http://www.w3.org/2000/10/swp/pim/contact#Male

label

- Tim Berners-Lee

sameAs

- Tim Berners-Lee (also at www.wiwiss.fu-berlin.de)

image

[Image of Tim Berners-Lee]

Weblinks

- http://www.w3.org/People/Berners-Lee/

name

- Tim Berners-Lee
- Timothy Berners-Lee
- Tim Berners Lee

Given name

- Timothy

family name

- Berners-Lee

sha1sum of a personal mailbox URI name

- 985c47c5a70db7407210c06e4a6f5374a525c5c

workplace homepage

- http://www.w3.org/

nickname

- TimBL

nickname

- TimBL

- timbl

personal mailbox

- mailto:timbl@w3.org
marbles Linked Data Browser
marbles Linked Data Browser

- Renders XHTML views from RDF data using Fresnel, XSLT and CSS
- Persistent graph with caching behavior
- Follows known predicates (owl:sameAs, rdfs:seeAlso) to obtain more information and human-friendly labels
- Can act as SPARQL Endpoint
- Based on Sesame 2.1 with MySQL storage, Simile Fresnel / IsaViz-FSL (all extended)
Thanks

Outlook

- GeoNames integration pending
- We need more wrappers and converted datasets!
  - last.fm, OpenStreetMap and Google Transit
  - Chefmoz dataset requires cleanup, geocoding and linking

Thanks to the Student Travel Award sponsors

More information and demos at

http://wiki.dbpedia.org/DBpediaMobile