

German Tourism Knowledge Graph – Hosting & External Sources

Hosting

» Add new repository

The screenshot displays the GraphDB web interface. On the left is a sidebar menu with the following items: Import, Explore, SPARQL, Monitor, Setup, **Repositories** (highlighted in red), Users and Access, My Settings, Connectors, Namespaces, Autocomplete, RDF Rank, JDBC, SPARQL Templates, and Help. The main content area is titled 'Repositories' and shows 'Repositories from: Local'. A list of repositories is displayed, including 'GTKG • RUNNING • German Tourism Knowledge Graph'. Below this list is a red button labeled 'Create new repository'. Under the 'Repository locations' section, there is a 'Local' entry and a red button labeled 'Attach remote location'. The top right of the interface includes a search icon and a dropdown menu for 'GTKG'.

Hosting

- » Import RDF as „Server files“
 - User data limited to 200MB

GraphDB

Import

RDF

Tabular (OntoRefine)

Explore

SPARQL

Monitor

Setup

Help

Import

User data Server files

Help

Type to filter

gtkkg.nq

Imported successfully in 4m 14s.

Import

Hosting

The screenshot displays the GraphDB web interface. On the left is a sidebar with navigation options: Import, Explore, Graphs overview, Class hierarchy (selected), Class relationships, Visual graph, Similarity, SPARQL, Monitor, Setup, and Help. The main area is titled 'Class hierarchy' and shows a hierarchical diagram of classes. The classes 'https://schema.org/BedAndBreakfast' and 'https://schema.org/Hotel' are highlighted with red circles. A dashed yellow line indicates a relationship between them. On the right, a panel for 'https://schema.org/Hotel' is open, showing a 'Domain-Range Graph' and a list of instances. The first instance, 'http://onlim.com/entity/-401066864', is circled in red. Below it, a list of other instances is shown, including 'http://onlim.com/entity/-1855052871', 'http://onlim.com/entity/-1541743816', 'http://onlim.com/entity/113756720', 'http://onlim.com/entity/-314603342', 'http://onlim.com/entity/-1757886342', 'http://onlim.com/entity/-96824299', 'http://onlim.com/entity/920630860', 'http://onlim.com/entity/-2103217886', 'http://onlim.com/entity/833679146', and 'http://onlim.com/entity/1605169045'.

GraphDB

Class hierarchy

https://schema.org/BedAndBreakfast

https://schema.org/Hotel

Domain-Range Graph

Hotel

A hotel is an establishment that provides lodging paid on a short-term basis (Source: Wikipedia, the ...)

Show full comment

View all 259 instances in SPARQL

Search class instances

http://onlim.com/entity/-401066864

http://onlim.com/entity/-1855052871

http://onlim.com/entity/-1541743816

http://onlim.com/entity/113756720

http://onlim.com/entity/-314603342

http://onlim.com/entity/-1757886342

http://onlim.com/entity/-96824299

http://onlim.com/entity/920630860

http://onlim.com/entity/-2103217886

http://onlim.com/entity/833679146

http://onlim.com/entity/1605169045

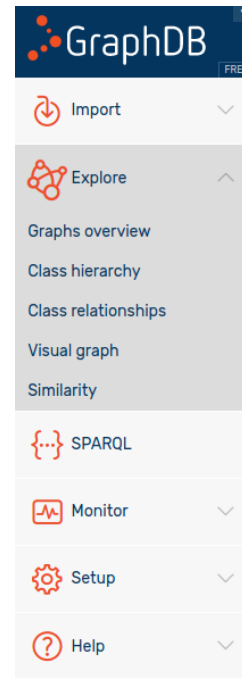
Hosting

» Predicates:

- Address
- Description
- Geo
- Image
- IsAccessibleForFree
- Name
- sameAs
- Telephone
- compliesWith

» Missing Predicates:

- Rating
- Reviews



The screenshot shows the GraphDB interface with the 'Explore' menu open. The menu options are: Graphs overview, Class hierarchy, Class relationships, Visual graph, Similarity, SPARQL, Monitor, Setup, and Help. The 'Visual graph' option is highlighted.

CityHotel am McKeePlatz***

Source: <http://onlim.com/entity/-401066864>

subject	predicate	object	context	all
1	http://onlim.com/entity/-401066864	http://onlim.com/schema/affectedBy	http://onlim.com/kg/activity/3fe726b011dd-40ad-8920-e1a18dd666df	http://onlim.com/graph/ebb8fce52a9
2	http://onlim.com/entity/-401066864	rdf:type	https://odta.io/voc/PointOfInterest	http://onlim.com/graph/ebb8fce52a9
3	http://onlim.com/entity/-401066864	rdf:type	https://schema.org/BedAndBreakfast	http://onlim.com/graph/ebb8fce52a9
4	http://onlim.com/entity/-401066864	rdf:type	https://schema.org/Hotel	http://onlim.com/graph/ebb8fce52a9
5	http://onlim.com/entity/-401066864	rdf:type	https://schema.org/HotelRoom	http://onlim.com/graph/ebb8fce52a9
6	http://onlim.com/entity/-401066864	rdf:type	https://schema.org/LodgingBusiness	http://onlim.com/graph/ebb8fce52a9
7	http://onlim.com/entity/-401066864	https://schema.org/address	http://onlim.com/entity/genID_1f25aed726-418e-b76d-271136262e9a	http://onlim.com/graph/ebb8fce52a9
8	http://onlim.com/entity/-401066864	https://schema.org/description	*<p>Herzlich Willkommen im 3-Sterne CityHotel am McKeePlatz in der Gro Ben Kreisstadt Crailsheim.</p>*@de	http://onlim.com/graph/ebb8fce52a9
9	http://onlim.com/entity/-401066864	https://schema.org/geo	http://onlim.com/entity/genID_5b3a750ff-4216-8830-80be0e0cf175	http://onlim.com/graph/ebb8fce52a9
10	http://onlim.com/entity/-401066864	https://schema.org/image	http://onlim.com/entity/genID_7d736f9875-4d10-87a5-31754e38155e	http://onlim.com/graph/ebb8fce52a9
11	http://onlim.com/entity/-401066864	https://schema.org/isAccessibleForFree	*true**xsd:boolean	http://onlim.com/graph/ebb8fce52a9
12	http://onlim.com/entity/-401066864	https://schema.org/name	*CityHotel am McKeePlatz***@de	http://onlim.com/graph/ebb8fce52a9
13	http://onlim.com/entity/-401066864	https://schema.org/sameAs	https://mein.toubiz.de/api/v1/article/e446-4e63-9dd0-8a405d0a4976	http://onlim.com/graph/ebb8fce52a9
14	http://onlim.com/entity/-401066864	https://schema.org/telephone	*+49 7951 9625570*	http://onlim.com/graph/ebb8fce52a9
15	http://onlim.com/entity/-401066864	https://vocab.sti2.at/ds/compliesWith	https://semantify.it/ds/sloejGAwT	http://onlim.com/graph/ebb8fce52a9

External Sources

» www.booking.com

- API:
 - *Guest Review API* - https://connect.booking.com/user_guide/site/en-US/review-api/
- Offers:
 - Guest reviews

» www.tripadvisor.com

- API:
 - *Content API* - <https://developer-tripadvisor.com/content-api/>
- Offers:
 - Location ID, name, address, latitude & longitude
 - Read reviews link, write-a-review link
 - Overall rating, ranking, subratings, awards, the number of reviews the rating is based on, rating bubbles image
 - Price level symbol, accommodation category/subcategory, attraction type, restaurant cuisine(s)

External Sources

» www.govdata.de

- SPARQL Endpoint available!
- Offers:
 - Various statistical data collections regarding hotels / tourism

» [Google Maps API](#)

- API:
 - Places API (Nearby businesses, customer reviews, etc.)
 - Geocoding API (longitude, latitude)
 - JSON data

