

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

The screenshot displays the GraphDB web interface. On the left is a sidebar menu with the following items: 'Import' (with a sub-menu containing 'RDF' and 'Tabular (OntoRefine)'), 'Explore', 'SPARQL', 'Monitor', 'Setup', and 'Help'. The main area is titled 'Import' and has two tabs: 'User data' and 'Server files'. A search bar with the placeholder 'Type to filter' is located at the top right of the main area. Below the tabs, a list of imported files is shown. The first entry is 'gtkkg.nq', which has a status of 'Imported successfully in 4m 14s.' and an 'Import' button next to it. The top right corner of the interface shows a search icon and a user profile labeled 'GTKG'.

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

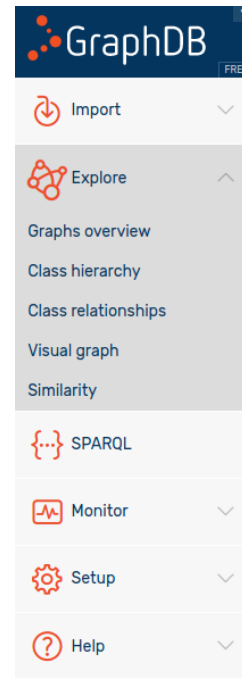
Hosting

» 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

