

**Twenty-eight session
28 April – 2 May 2014**

Item 9 of the Provisional Agenda

**Activities relating to the Working Group on
Toponymic Data Files and Gazetteers**

Open Data activities in Germany*

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Summary

Since March 2013 the Federal Agency for Cartography and Geodesy (BKG) provides Open Data for commercial and non-commercial use including an INSPIRE compliant service “GN-DE” for geographical names due to federal law.

Open Data activities in Germany

Every day public authorities all over the world gather a multitude of data and information such as spatial data on transport network, addresses and cadastral information or data related to economic, environmental and statistical data. In the recent past more and more government authorities admit to the principle of "Open Government" and "Open Data" policy.

The Geodata Access Act (Geodatenzugangsgesetz, GeoZG) passed by the federal government on 30 July 2008 and promotes the further development of the German Spatial Data Infrastructure (GDI-DE). Germany declared the federal government's geodata to be open data in the course of the revision to the Geodata Access Act (GeoZGÄndG) on 16 November 2012. The Geodata Usage Ordinance (GeoNutzV), which allows commercial and non-commercial use of the data free-of-charge, has also been passed on 19 March 2013. In particular, the GeoNutzV lays down provisions relating to the providing of spatial data, spatial data and metadata services on behalf of spatial data holding agencies.

The open data declaration comprises geodata produced by the Federal Agency for Cartography and Geodesy (BKG). By that view and download services based on international open standards and open source software of digital landscape model (DLM) and digital terrain model (DGM) as well as digital topographical maps (DTK), general maps and maps of municipality areas based on small to medium scale are provided free of charge.

Hence, the gazetteer web service of BKG is available free of charge, too. It will be made available in compliance to INSPIRE requirements in due course.

Suche geographischer Namen

Hier können Sie im Datenbestand "Geographische Namen Deutschlands (GN-DE)" des BKG online recherchieren.

Suche eines Namens

Berlin

Name (mind. 2 Zeichen;

* für beliebige Zeichen)

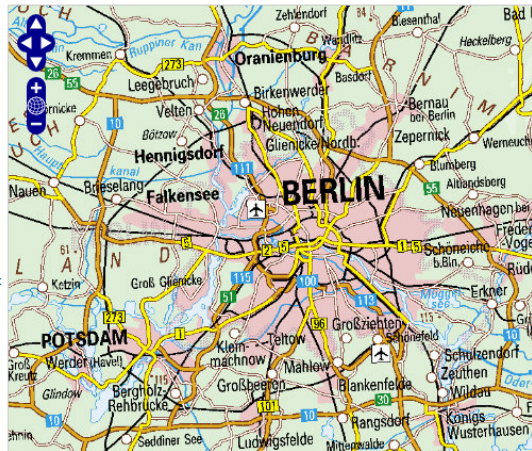
Für Experten und Interessierte:
Hier kann die Anfrage an den standardisierten
Web Feature Service (WFS) und dessen Antwort
im XML-Format eingesehen werden.

[XML Anfrage](#) →

← [XML Antwort](#)

Direkte Anfragen über unsere Oberfläche
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Anzeige und Suche im Kartenausschnitt



Nur in kleinen Ausschnitten suchen! Maximal 100 Objekte werden angezeigt.

Name	Objektart	GEOL	GEOB	Höhe	Höhe_ger	Größe	EWZ	Sprache	Status	Karte
Berlin	Verwaltungseinheit	13°23'43"	52°30'23"				3442675	deutsch	amtlich	
Berlin	Verwaltungseinheit	13°23'43"	52°30'23"				3442675	deutsch	amtlich	
Berlin	Verwaltungseinheit	13°23'43"	52°30'23"				3442675	deutsch	amtlich	
Berlin	Ortslage	10°26'51"	54°02'10"	38 m			474	deutsch	amtlich	
Berlin	Ortslage	13°24'19"	52°31'03"	35 m		892 km²		deutsch	amtlich	

User interface for accessing and searching for geographical names through the gazetteer web service

The gazetteer web service was developed in 2007 by BKG in co-operation with the Ständiger Ausschuss für geographische Namen (StAGN) ("Permanent Committee on Geographical Names") and has been evolved continuously.

This gazetteer web service is based on a Web Feature Service (WFS) and thus compliant with the corresponding Open Geospatial Consortium (OGC) specification. All geographical names information of several (topographic) vector data products based on scale level 1:200.000 and smaller was amalgamated. Technically the geographical names information is maintained in a single database called "*Geographical Names of Germany (GN-DE)*". Through unique identifiers the names entries of the GN-DE are linked unambiguously to all data bases and products provided by BKG. At present the data base contains about 120 000 entries including more than 700 names in the minority languages Sorbian and Frisian. The administration and maintenance tasks of the GN-DE are conducted in Frankfurt am Main, whereas the (Gazetteer-) web service is facilitated through the "National Geodata Centre" at the BKG in Leipzig (www.geodatenzentrum.de).

Currently a project is aiming at strengthening the collaboration with the Federal States in Germany ("Länder") and increase the content of the national web service and integrate names data from large scales (1:25.000 – 1:10.000).

As well as on national level, on level of the German federal states and on regional level a number of Open Data portal sites are already available in Germany, e.g.:

- Open Data Portal Hamburg: <http://daten.hamburg.de/>
- Open Data-Portal des Freistaats Bayern: <http://opendata.bayern.de/index.html>
- Open Data Portal – Bremen: <http://daten.bremen.de>
- Berlin Open Data: <http://daten.berlin.de/>

But still not all federal states and regions of Germany provide their data as Open Data available to public and companies free of charge.

References

Open Data - Freie Daten und Dienste des BKG:

http://www.geodatenzentrum.de/geodaten/gdz_rahmen.gdz_div?gdz_spr=deu&gdz_akt_zeile=5&gdz_anz_zeile=0&gdz_unt_zeile=0&gdz_user_id=0

Geographische Namen Deutschlands (GN-DE):

http://www.geodatenzentrum.de/geodaten/gdz_rahmen.gdz_div?gdz_spr=deu&gdz_akt_zeile=3&gdz_anz_zeile=4&gdz_user_id=0

Open Data Portal Hamburg: <http://daten.hamburg.de/>

OpenData-Portal des Freistaats Bayern: <http://opendata.bayern.de/index.html>

Open Data Portal – Bremen - <http://daten.bremen.de>

Berlin Open Data - <http://daten.berlin.de/>