Session:
Names Servers

v1.0

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Content

Comparison of selected examples of
- global,
- regional and
- national servers/databases

according to common criteria:
(last accessed 04/2017)

<table>
<thead>
<tr>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publisher</td>
</tr>
<tr>
<td>Language (for publication)</td>
</tr>
<tr>
<td>Geographic extent</td>
</tr>
<tr>
<td>Feature categories</td>
</tr>
<tr>
<td>Native value</td>
</tr>
<tr>
<td>Search functions</td>
</tr>
<tr>
<td>accessibility</td>
</tr>
</tbody>
</table>
Comparison of selected examples of

- global,
- regional and
- national servers/databases

according to common criteria:
Search for geographical names of countries and capitals

UNEGGN World Geographical Names

Multilingual, multiscriptual dataset of names of countries, capitals and major cities.

Select a country

Please roll over a country to see the country name in the UN languages or over a city to see the city endonyms (where available and in romanized form only) and the English name.

Note: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.

http://unstats.un.org/unsd/geoinfo/geonames/
Search for geographical names of countries and capitals

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publisher</td>
<td>UNGEGN</td>
</tr>
<tr>
<td>Language (for publication)</td>
<td>english</td>
</tr>
<tr>
<td>Geographic extent</td>
<td>world</td>
</tr>
<tr>
<td>Feature categories</td>
<td>Countries and cities (over 100,000)</td>
</tr>
<tr>
<td>Native value</td>
<td>Endonyms, in all official UN languages</td>
</tr>
<tr>
<td>Search functions</td>
<td>a multilingual, multiscryptual georeferenced geographical names database</td>
</tr>
<tr>
<td>accessibility</td>
<td>free</td>
</tr>
</tbody>
</table>

http://unstats.un.org/unsd/geoinfo/geonames/
Search for geographical names through the GEOnet Names Server (GNS)
http://geonames.nga.mil/gns/html/
Search for geographical names through the GEOnet Names Server (GNS)
http://geonames.nga.mil/gns/html/
**Criteria**

<table>
<thead>
<tr>
<th>Publisher</th>
<th>National Geospatial-Intelligence Agency (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language (for publication)</td>
<td>english</td>
</tr>
<tr>
<td>Geographic extent</td>
<td>world</td>
</tr>
</tbody>
</table>
| Feature categories         | A = Administrative region  
                          P = Populated place  
                          V = Vegetation  
                          L = Locality or area  
                          U = Undersea  
                          R = Streets, highways, roads, or railroad  
                          T = Hypsographic  
                          H = Hydrographic  
                          S = Spot |
| Native value               | Endonyms, exonyms                          |
| Search functions           | Simple search, download of country files    |
| accessibility              | free                                        |
The GeoNames geographical database covers all countries and contains over eleven million placenames that are available for download free of charge.

http://geonames.org/
Top Train Course, Manila, Philippines
<table>
<thead>
<tr>
<th>Criteria</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Publisher</td>
<td>Private company (Mark Wick, CH)</td>
</tr>
<tr>
<td>Language (for publication)</td>
<td>english</td>
</tr>
<tr>
<td>Geographic extent</td>
<td>world</td>
</tr>
<tr>
<td>Feature categories</td>
<td>A = Administrative region, P = Populated place, V = Vegetation, L = Locality or area, U = Undersea, R = Streets, highways, roads, or railroad, T = Hypsographic, H = Hydrographic, S = Spot</td>
</tr>
<tr>
<td>Native value</td>
<td>Endonyms, exonyms, variants</td>
</tr>
<tr>
<td>Search functions</td>
<td>Simple search, download of country files</td>
</tr>
<tr>
<td>accessibility</td>
<td>free</td>
</tr>
</tbody>
</table>

http://geonames.org/
Nominatim Open Street Map (OSM)

https://nominatim.openstreetmap.org/
Nominatim Open Street Map (OSM)

https://nominatim.openstreetmap.org/

https://nominatim.openstreetmap.org/

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### Criteria

<table>
<thead>
<tr>
<th>Publisher</th>
<th>OSM community</th>
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</thead>
<tbody>
<tr>
<td>Language (for publication)</td>
<td>Deutsch, English, français, português, русский, 한국어, 日本語, 中文（简体）, 中文（繁體）…</td>
</tr>
<tr>
<td>Geographic extent</td>
<td>world</td>
</tr>
<tr>
<td>Feature categories</td>
<td>Nominatim indexes named (or numbered) features with the OSM data set and a subset of other unnamed features (pubs, hotels, churches, etc)</td>
</tr>
<tr>
<td>Search terms are processed first left to right and then right to left if that fails.</td>
<td></td>
</tr>
<tr>
<td>Native value</td>
<td>Endonyms, exonyms, variants</td>
</tr>
<tr>
<td>Search functions</td>
<td>Simple search</td>
</tr>
<tr>
<td>accessibility</td>
<td>free</td>
</tr>
</tbody>
</table>

https://nominatim.openstreetmap.org
Content

Comparison of selected examples of

- global,
- regional and
- national servers/databases

according to common criteria:
Welcome to the SCAR Composite Gazetteer of Antarctica

The SCAR Composite Gazetteer of Antarctica (CGA) has been compiled over a period of 26 years (commenced 1992) and consists of 37,567 names that correspond to 19,536 features. The place names information has been submitted by the national names committees from 22 countries and compiled by Roberto Cervellati and Chiara Ramorino from the Italian Antarctic names committee - Comitato per i nomi geografici antartici.

The SCAR CGA is now a relational database - related to the SCAR Map catalogue, SCAR Feature Catalogue and the SCAR Flora and Fauna databases (all developed by the Australian Antarctic Data Centre). This allows the search for Antarctic names, maps and flora and fauna information to be addressed via the gazetteer or map catalogue with results showing links to national names committees, map publishers, map retailers and small scale maps showing the distribution of flora and fauna.

<table>
<thead>
<tr>
<th>Name</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Feature Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aboa Station (USA)</td>
<td>73° 03' 00.0&quot; S</td>
<td>13° 25' 00.0&quot; W</td>
<td>Station</td>
</tr>
</tbody>
</table>

A seasonal station operated by Finland opened in 1989 - Council of Managers of National Antarctic Programs (COMNAP), May 18, 2006.
## Criteria

<table>
<thead>
<tr>
<th>Publisher</th>
<th>Scientific Committee on Antarctic Research (SCAR), Programma Nazionale di Ricerche in Antartide (Italy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language (for publication)</td>
<td>English</td>
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<tr>
<td>Geographic extent</td>
<td>Antarctica</td>
</tr>
<tr>
<td>Feature categories</td>
<td>information has been submitted by the national names committees from 22 countries</td>
</tr>
<tr>
<td>Native value</td>
<td>Endonyms</td>
</tr>
<tr>
<td>Search functions</td>
<td>Simple search, download of country files</td>
</tr>
<tr>
<td>accessibility</td>
<td>free</td>
</tr>
</tbody>
</table>

Andalusian Gazetteer

http://www.ideandalucia.es/nomenclator/form.jsp?lang=eng
Andalusian Gazetteer

<table>
<thead>
<tr>
<th>Province</th>
<th>Municipality (INE)</th>
<th>Set</th>
<th>Sheet</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granada</td>
<td>Alhama de Granada (18013)</td>
<td>MTA10</td>
<td>102534</td>
<td>412938.4096043.2</td>
</tr>
<tr>
<td>Granada</td>
<td>Alhama de Granada (18013)</td>
<td>MTA10</td>
<td>104031</td>
<td>416920.94095383.9</td>
</tr>
</tbody>
</table>

Entity with 2 locations. Showed from 1 to 2.

http://www.ideandalucia.es/nomenclator/form.jsp?lang=eng
## Andalusian Gazetteer

**Criteria**

<table>
<thead>
<tr>
<th>Province</th>
<th>Municipality (INE)</th>
<th>Set</th>
<th>Sheet</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granada</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Publisher

Instituto de Estadística y Cartografía de Andalucía

### Language (for publication)

Spanish

### Geographic extent

Andalusia

### Feature categories

El Nomenclátor Geográfico de Andalucía es un proyecto del Instituto de Estadística y Cartografía de Andalucía, iniciado en 2004, con la Base de Datos de Topónimos 1:10.000 (BTA10), que contiene actualmente unos 150.000 topónimos o identificadores geográficos clasificados temáticamente en áreas administrativas, entidades de población, hidrografía, medio físico terrestre y marítimo, patrimonio, infraestructuras, actividades industriales, extractivas, servicios y equipamientos.

### Native value

Endonyms, variants

### Search functions

Simple search, download of country files

### Accessibility

Free

Comparison of selected examples of global, regional and national servers/databases according to common criteria:
Geoportail France

geoportail.gouv.fr
le portail national de la connaissance du territoire mis en œuvre par l'IGN

Rechercher
un lieu,
une photographie aérienne,
une parcelle cadastrale,
une carte ancienne,
des données géographiques...

Imaginer
vos cartes personnalisées
avec les fonds de cartes et les données de l'IGN et de ses partenaires,
enrichies de vos propres annotations et informations...

Partager
gratuitement et facilement vos cartes personnalisées avec vos amis,
votre entourage,
vos collaborateurs...

https://www.geoportail.gouv.fr/
https://www.geoportail.gouv.fr/
<table>
<thead>
<tr>
<th>Criteria</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publisher</td>
<td>Institut Géographique France (IGN-F)</td>
</tr>
<tr>
<td>Language (for publication)</td>
<td>French</td>
</tr>
<tr>
<td>Geographic extent</td>
<td>France</td>
</tr>
<tr>
<td>Feature categories</td>
<td>Feature classes: agriculture, transport, ... 2D and 3D!</td>
</tr>
<tr>
<td>Native value</td>
<td>Endonyms, variants</td>
</tr>
<tr>
<td>Search functions</td>
<td>Simple search</td>
</tr>
<tr>
<td>accessibility</td>
<td>free</td>
</tr>
</tbody>
</table>

https://www.geoportail.gouv.fr/
The New Zealand Gazetteer of Place Names (the Gazetteer) holds all official names for geographic places and features within the jurisdiction of the New Zealand Geographic Board Ngā Pou Taunaha o Aotearoa (NZGB).

The New Zealand Gazetteer also has other types of unofficial names, such as recorded collected and replaced names.

As a minimum, each name listed includes:

- the name’s status – official or unofficial
- for an official name, the gazette or statutory reference
- the type of place or feature, eg. town, mountain, etc
- position reference (latitude and longitude)
- a description of the feature, when available
- the extent of the feature, when available
- the History/Origin/meaning, when available
- file and archive references, when available
New Zealand Gazetteer: Search for Place Names

Wellington City
This is an official name
Status: Official By Other Legislation (1989 (69) p.2491)

History/Origin/meaning: The city that is administered by the Wellington City Council. Constituted by Local Government (Wellington Region) Reorganisation Order 1989, Gazette 1989, p2491 Shown on SO 35959
Land District: Wellington

Feature Information
Feature Type: Local Government
The city that is administered by the Wellington City Council.
Approximate Location: 41.237S 174.768E (View in Google maps)
<table>
<thead>
<tr>
<th>Criteria</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publisher</td>
<td>New Zealand Geographic Board</td>
</tr>
<tr>
<td></td>
<td>Ngā Pou Taunaha o Aotearoa (NZGB)</td>
</tr>
<tr>
<td>Language (for publication)</td>
<td>English, Maori</td>
</tr>
<tr>
<td>Geographic extent</td>
<td>New Zealand</td>
</tr>
<tr>
<td>Feature categories</td>
<td>Hydrographic data, Geodetic data, Property, ownership and boundary data, Road, address and places data, Crown land data, Aerial imagery, Elevation data</td>
</tr>
<tr>
<td>Native value</td>
<td>Endonyms, variants</td>
</tr>
<tr>
<td>Search functions</td>
<td>Simple search, download of country file</td>
</tr>
<tr>
<td>accessibility</td>
<td>free</td>
</tr>
</tbody>
</table>
Chapter 26 Distribution of standardized names:
accessibility on the internet

Forjan Osmel and Pier-Giorgio Zacheddu

Introduction

When names have been collected and standardised the
work is only half done. As long as the standardised
names have not found their way to the public, all the
work has been for nothing. The public needs to be
informed of the standardised name forms, so that they
are used. On the UNGEGN website
(http://unstats.un.org/unsd/geoinfo/UNGEGN/ename
s.html) there are links to all national websites from
which the national geographical names databases can be
accessed. We will discuss a number of them in order to
gain an overview of the way they operate and of their
functionality.

Australia

Geoscience Australia, a department of the Australian
Government, has a place name search option
(http://www.ga.gov.au/map/names/) where one can
type in geographical names which then are retrieved
from the central database. A number of matching entries
will then come up, with indication of their record ID,
feature code, coordinates, status (are they official or
not) and the state they are located in. On that basis one
can go to the entry looked for, and when clicking this, a
detailed map with the looked-for entry comes up, with a
locator map, feature ID and an indication of the
topographical map sheets it can be found on.

Canada

Canada has 3 options, as the geographical names
database can be accessed through three different sites,
the national atlas (English: http://atlas.gc.ca/site/english/index.htm), the Canadian
Geographical Names Database (http://www.nrcan.gc.ca/earth-
sciences/geography/place-names/10785), and the
Canadian Geographical Names Service
(http://gnss.nrcan.gc.ca). In all three cases you will end
up at Natural Resources Canada, Earth Sciences, where
the option Geography leads to the Canadian
Geographical Names button. When we go to the
Geographical Names Search Service, we can type in
names, coordinates, define rectangular areas or give
unique name ID’s; this last facility also provides the
possibility to type in aboriginal characters. The results
can be displayed according to different options, ordered
according to feature type or region, and when the
looked-for entry has been selected additional
information is given, such as a feature identifier, also the
dates when the name changed status (and the
institution responsible), for instance when it became
official.

The Canadian National Atlas site provides more ways of
access to the names database, through its Toporama
mapping tool, as a location may be found here by typing
in a place name, a map number (national topographic
system number), a postal code (FSA), a street address,
street name, or map coordinates. When a name has
been typed in, a list of entries will come up, providing
access to search-matching place name results (with
different locations and feature types).

Estonia

The Estonian place name database (KNAB), developed by
the Institute of Estonian Languages EKI can be accessed
through http://www.eki.ee/kiab/kiab.htm. The
database also contains street names, names of
institutions, companies and organisations, farms,
administrative units and natural features next to the
names of populated places. There are detailed photo
and map options for showing the named feature in situ.
As Estonian names in the past had their German and
Russian variants, much attention is paid to languages of
the place names. The database records information on
principal name forms and variant names, the status of
the names and the respective decisions by local
authorities (parish, county or town council, parliament),
feature designation codes, present administrative
division, and geographical coordinates. The database
also contains information not included in the website,
such as data on the temporal extension of the names,
short textual descriptions of the object, use of locative
cases, names of superior features, comparisons to other
names and historical background information). The
website, which can also be accessed in English and
Russian, also provides information for named features


19 - 25/03/2018 Top Train Course, Manila, Philippines
Chapter 26 Distribution of standardized names: accessibility on the internet

Ferjan Ormeling and Pier-Giorgio Zaccheddu

Introduction

When names have been collected and standardised the work is only half done. As long as the standardised names have not found their way to the public, all the work has been for nothing. The public needs to be informed of the standardised name forms, so that they are used. On the UNGEGN website (http://unstats.un.org/unsd/geoinfo/UNEGGN/ename names.html) there are links to all national websites from which the national geographical names databases can be accessed. We will discuss a number of them in order to get an overview of the way they operate and of their functionality.

Australia

Geoscience Australia, a department of the Australian Government, has a place name search option (http://www.ga.gov.au/map/romex/) where one can type in geographical names which then are retrieved from the central database. A number of matching entries will then come up, with indication of their record ID, feature code, coordinates, status (are they official or not) and the state they are located in. On that basis one can go to the entry looked for, and when clicking this, a detailed map with the looked-for entry comes up, with a locator map, feature ID and an indication of the topographical map sheets it can be found on.
UNGEIGN website – searchable national names databases

Searchable geographical names databases

Australia
- 2002 Gazetteer of 274,000 geographical names of Australia
- Australian Antarctic Gazetteer
- SCAR Composite Gazetteer of Antarctica

Bulgaria - Bulgaria Antarctic Gazetteer
http://opcbg.org/gazet.htm

Canada
- Canadian Geographical Names Data Base / Base de données toponymiques du Canada
  http://www.nrcan.gc.ca/earth-sciences/geography/place-names/search/9170
  http://www.nrcan.gc.ca/sciences-terre/geographie/noms-lieux/recherche/9171

Croatia - Croatian Gazetteer Service
http://cgn.dgu.hr/home/

Czech Republic
http://meinovata.cudo.cz/

Denmark - List of authorized Danish place-names
http://www.stednavneudvalget.dk/autoriserede_stednavne/

Estonia - geographical names database
http://www.eki.ee/knab/knab.htm

Finland - National Land Survey of Finland - Topographic Map Browsing System (in Finnish, Swedish and English)
http://www.karttapalikka.fi

France - Institut Geographique National - Communes
http://ing.gouv.fr/Fpage_id=10578

Germany - Geographic names contained in the dataset GN-DE (Geographische Namen Deutschlands / Geographic Names of Germany) online (WFS GN-DE)
http://www.geodatenzentrum.de/geodaten/gdz_rahmen.gdx_div/gdz_sp=deu&gdz_aktiv=3&gdz_ant_zeile=4&
gdz_user_id=0&gdz_paral=1

Hungary

About 120 names server, websites,…

To be published through the Permanent Committee on Geographical Names (StAGN) website in 2018…
Thank you for your attention!