

# DARIAH-DE Normdatendienste

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## Thesaurus of Geographical Names (Getty)

**NOTE** The API of DARIAH-DE's Getty Thesaurus service will change soon. Backwards compatibility will be ensured. See [RESTful API](#) for more information.

### RESTful API (deprecated)

DARIAH-DE's Getty service currently runs on a (n relatively old) TGN dump in an eXist-db.

**ac** – autocompletion

**?ac=xxx** – return every hit starting with xxx

<https://ref.de.dariah.eu/tgnsearch/tgnquery.xq?ac=Bam>

**ln** – long

**?ln=xxx** – return more detailed information on place xxx

<https://ref.de.dariah.eu/tgnsearch/tgnquery.xq?ln=berlin>

**id** – identifier

**?id=xxx** – return everything about place with id xxx

<https://ref.de.dariah.eu/tgnsearch/tgnquery.xq?id=7004325>

### RESTful API (beta)

This DARIAH-DE's Getty (beta) service currently is using life data from [getty.edu](http://getty.edu).

The API for DARIAH-DE's Getty service provides several possible usages:

- by providing the beginning of a place name
- by providing the exact place name
- a place's Getty Thesaurus ID

Queries are case insensitive.

The autocomplete and exact match modes return a custom XML by default, but a JSON output can be retrieved by appending `.json` to the REST path (confer examples for usage).

### Autocomplete

API	Functionalities	Query (example)	Result (example)
<code>/tgn/v1/starts-with(.json)?q=<i>beginning-of-some-place-name</i></code>	Returns: <ul style="list-style-type: none"><li>• Place name</li><li>• where the place is located</li><li>• Getty ID</li></ul>	<a href="https://ref.de.dariah.eu/tgn/v1/starts-with?q=vagen">https://ref.de.dariah.eu/tgn/v1/starts-with?q=vagen</a>	<pre>&lt;term id="tgn:7091421"&gt;   &lt;name&gt;Vagen&lt;/name&gt;   &lt;path&gt;Bavaria   Germany   Europe   World&lt;/path&gt; &lt;/term&gt; &lt;term id="tgn:7220304"&gt;   &lt;name&gt;Vagenition&lt;/name&gt;   &lt;path&gt;Ioánnina   Epirus   Greece   Europe   World&lt;/path&gt; &lt;/term&gt;</pre>

<p><i>/tgn/v1/starts-with(.json)?q=<i>beginning-of-some-place-name</i>&amp;georef=true-or-false</i></p>	<p>Returns:</p> <ul style="list-style-type: none"> <li>• Place name</li> <li>• where the place is located</li> <li>• Getty ID</li> <li>• Geo coordinates (longitude and latitude)</li> </ul>	<p><a href="https://ref.de.dariah.eu/tgn/v1/starts-with?q=vagen&amp;georef=true">https://ref.de.dariah.eu/tgn/v1/starts-with?q=vagen&amp;georef=true</a></p>	<pre>&lt;term id="tgn:7091421"&gt;   &lt;name&gt;Vagen&lt;/name&gt;   &lt;path&gt;Bavaria   Germany   Europe   World&lt;/path&gt;   &lt;longitude&gt;11.866667&lt; /longitude&gt;   &lt;latitude&gt;47.866667&lt;/latitude&gt; &lt;/term&gt; &lt;term id="tgn:7220304"&gt;   &lt;name&gt;Vagenítion&lt;/name&gt;   &lt;variant&gt;Vageníti&lt;/variant&gt;   &lt;path&gt;Ioánnina   Epirus   Greece   Europe   World&lt;/path&gt;   &lt;longitude&gt;20.712778&lt; /longitude&gt;   &lt;latitude&gt;39.645278&lt;/latitude&gt; &lt;/term&gt;</pre>
<p><i>/tgn/v1/starts-with(.json)?q=<i>beginning-of-some-place-name</i>&amp;details=true-or-false</i></p>	<p>Returns:</p> <ul style="list-style-type: none"> <li>• Place name</li> <li>• where the place is located</li> <li>• Getty ID</li> <li>• Geo coordinates (longitude and latitude)</li> <li>• link to RDF data set of the place in TNG</li> </ul>	<p><a href="https://ref.de.dariah.eu/tgn/v1/starts-with?q=vagen&amp;details=true">https://ref.de.dariah.eu/tgn/v1/starts-with?q=vagen&amp;details=true</a></p>	<pre>&lt;term id="tgn:7220304"&gt;   &lt;match_name&gt;Vagenítion&lt; /match_name&gt;   &lt;preferred_name&gt;Vagenítion&lt; /preferred_name&gt;   &lt;variant&gt;Vageníti&lt;/variant&gt;   &lt;path&gt;Ioánnina   Epirus   Greece   Europe   World&lt;/path&gt;   &lt;link target=" http://textgridlab.org/tgnsearch /tgnquery.xml?id=7220304"/&gt;   &lt;rdf-link target="http://vocab. getty.edu/tgn/7220304.rdf"/&gt; &lt;/term&gt; &lt;term id="tgn:7091421"&gt;   &lt;match_name&gt;Vagen&lt;/match_name&gt;   &lt;preferred_name&gt;Vagen&lt; /preferred_name&gt;   &lt;path&gt;Bavaria   Germany   Europe   World&lt;/path&gt;   &lt;longitude&gt;11.866667&lt; /longitude&gt;   &lt;latitude&gt;47.866667&lt;/latitude&gt;   &lt;link target=" http://textgridlab.org/tgnsearch /tgnquery.xml?id=7091421"/&gt;   &lt;rdf-link target="http://vocab. getty.edu/tgn/7091421.rdf"/&gt; &lt;/term&gt;</pre>

## Exact matches

API	Functionalities	Query (example)	Result (example)
<p><i>/tgn/v1/exact-match(.json)?q=<i>exact-place-name</i></i></p>	<p>Returns:</p> <ul style="list-style-type: none"> <li>• Place name</li> <li>• where the place is located</li> <li>• Getty ID</li> </ul>	<p><a href="https://ref.de.dariah.eu/tgn/v1/exact-match?q=scharzfeld">https://ref.de.dariah.eu/tgn/v1/exact-match?q=scharzfeld</a></p>	<pre>&lt;term id="tgn:1041079"&gt;   &lt;name&gt;Scharzfeld&lt;/name&gt;   &lt;path&gt;Lower Saxony   Germany   Europe   World&lt;/path&gt; &lt;/term&gt;</pre>

/tgn/v1/exact-match(.json)?q= <i>exact-place-name</i> &georef=true-or-false	Returns: <ul style="list-style-type: none"> <li>Place name</li> <li>where the place is located</li> <li>Getty ID</li> <li>Geo coordinates (longitude and latitude)</li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/exact-match?q=scharzfeld&amp;georef=true">https://ref.de.dariah.eu/tgn/v1/exact-match?q=scharzfeld&amp;georef=true</a>	<pre>&lt;term id="tgn:1041079"&gt;   &lt;name&gt;Scharzfeld&lt;/name&gt;   &lt;path&gt;Lower Saxony   Germany   Europe   World&lt;/path&gt;   &lt;longitude&gt;10.383333&lt;/longitude&gt;   &lt;latitude&gt;51.633333&lt;/latitude&gt; &lt;/term&gt;</pre>
/tgn/v1/exact-match(.json)?q= <i>exact-place-name</i> &details=true-or-false	Returns: <ul style="list-style-type: none"> <li>Place name</li> <li>where the place is located</li> <li>Getty ID</li> <li>Geo coordinates (longitude and latitude)</li> <li>link to RDF data set of the place in TNG</li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/exact-match?q=scharzfeld&amp;details=true">https://ref.de.dariah.eu/tgn/v1/exact-match?q=scharzfeld&amp;details=true</a>	<pre>&lt;term id="tgn:1041079"&gt;   &lt;match_name&gt;Scharzfeld&lt; /match_name&gt;   &lt;preferred_name&gt;Scharzfeld&lt; /preferred_name&gt;   &lt;path&gt;Lower Saxony   Germany   Europe   World&lt;/path&gt;   &lt;longitude&gt;10.383333&lt;/longitude&gt;   &lt;latitude&gt;51.633333&lt;/latitude&gt;   &lt;link target=" http://textgridlab.org/tgnsearch /tgnquery.xql?id=1041079"/&gt;   &lt;rdf-link target="http://vocab. getty.edu/tgn/1041079.rdf"/&gt; &lt;/term&gt;</pre>

## Result by Getty ID

API	Functionalities	Query (example)
/tgn/v1/getty-id(.rdf)	Returns: <ul style="list-style-type: none"> <li>the full RDF data set at <a href="http://vocab.getty.edu/tgn/getty-id.rdf">http://vocab.getty.edu/tgn/getty-id.rdf</a></li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/7003670">https://ref.de.dariah.eu/tgn/v1/7003670</a> or <a href="https://ref.de.dariah.eu/tgn/v1/7003670.rdf">https://ref.de.dariah.eu/tgn/v1/7003670.rdf</a>
/tgn/v1/getty-id.json	Returns: <ul style="list-style-type: none"> <li>the full JSON data set of <a href="http://vocab.getty.edu/tgn/getty-id">http://vocab.getty.edu/tgn/getty-id</a></li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/7003670.json">https://ref.de.dariah.eu/tgn/v1/7003670.json</a>
/tgn/v1/getty-id.jsonld	Returns: <ul style="list-style-type: none"> <li>the full JSONLD data set of <a href="http://vocab.getty.edu/tgn/getty-id">http://vocab.getty.edu/tgn/getty-id</a></li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/7003670.jsonld">https://ref.de.dariah.eu/tgn/v1/7003670.jsonld</a>
/tgn/v1/getty-id.n3	Returns: <ul style="list-style-type: none"> <li>the full N3/Turtle data set of <a href="http://vocab.getty.edu/tgn/getty-id">http://vocab.getty.edu/tgn/getty-id</a></li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/7003670.n3">https://ref.de.dariah.eu/tgn/v1/7003670.n3</a>
/tgn/v1/getty-id.nt	Returns: <ul style="list-style-type: none"> <li>the full N-Triples data set of <a href="http://vocab.getty.edu/tgn/getty-id">http://vocab.getty.edu/tgn/getty-id</a></li> </ul>	<a href="https://ref.de.dariah.eu/tgn/v1/7003670.nt">https://ref.de.dariah.eu/tgn/v1/7003670.nt</a>

## Gemeinsame Normdatei (GND)

Live requests from current DNB GND via SRU, **persons only**

### RESTful Parameters

**ac** – autocompletion

**?ac=xxx** – return every hit starting with xxx

<https://ref.de.dariah.eu/pndsearch/pndquery.xql?ac=Ringel>

**In** – long

**?In=xxx** – return more detailed information on person xxx

<https://ref.de.dariah.eu/pndsearch/pndquery.xql?In=Ringeln>

**id** – identifier

**?id=xxx** – return everything about person with id xxx

<https://ref.de.dariah.eu/pndsearch/pndquery.xql?id=118601121>

It is possible to retrieve the whole dataset in rdf from <https://d-nb.info/gnd/118601121/about>

## Advanced Usage (passing SRU parameters)

You also can use DNB parameters, as stated in <https://services.dnb.de/sru/dnb?operation=explain&version=1.1> for they are piped through, such as "dnb.sw" or "dnb.geo".

Search for names

<https://ref.de.dariah.eu/pndsearch/pndquery.xql?In=W%C3%B6hler>

Search for professions

<https://ref.de.dariah.eu/pndsearch/pndquery.xql?In=W%C3%B6hler%20and%20dnb.sw=Soziologe>

Search for refined names:

<https://ref.de.dariah.eu/pndsearch/pndquery.xql?In=W%C3%B6hler%20and%20dnb.sw=Soziologe%20and%20dnb.geo=Heidelberg>

You can also get RDF or JSON responses using requests such as

<https://ref.de.dariah.eu/pndsearch/rdf?In=W%C3%B6hler>

<https://ref.de.dariah.eu/pndsearch/json?In=W%C3%B6hler>