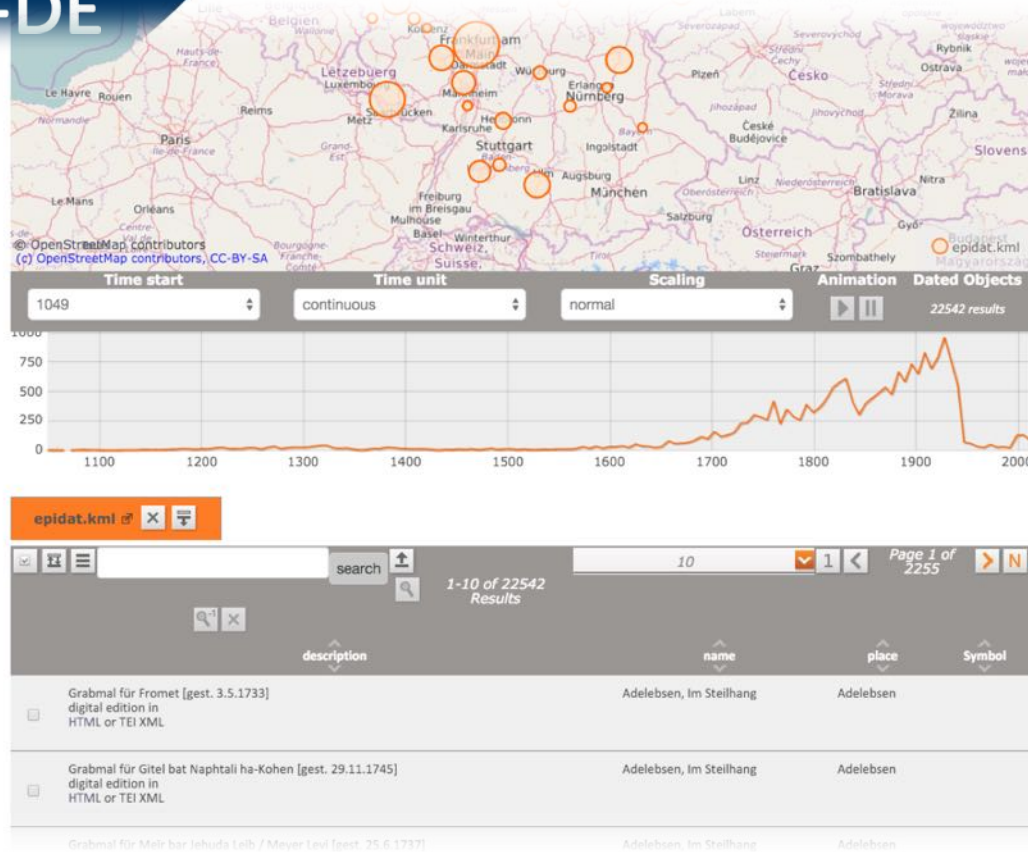




DARIAH-DE Geo-Browser and Datasheet Editor

Thomas Kollatz – Steinheim-Institut, Essen
Workshop

DARIAH-DE GEO-BROWSER



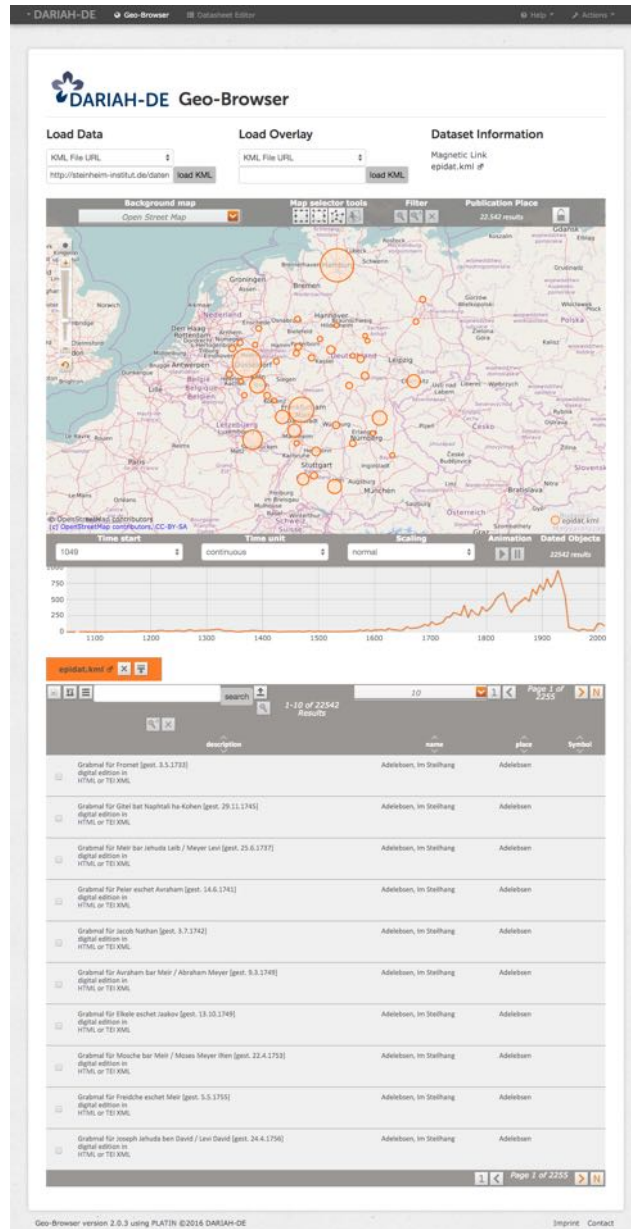
Visualization

DARIAH-DE Geo-Browser

A tool for
spatio-temporal Visualization

components

1. map(s)
2. timeline
3. documentation of data



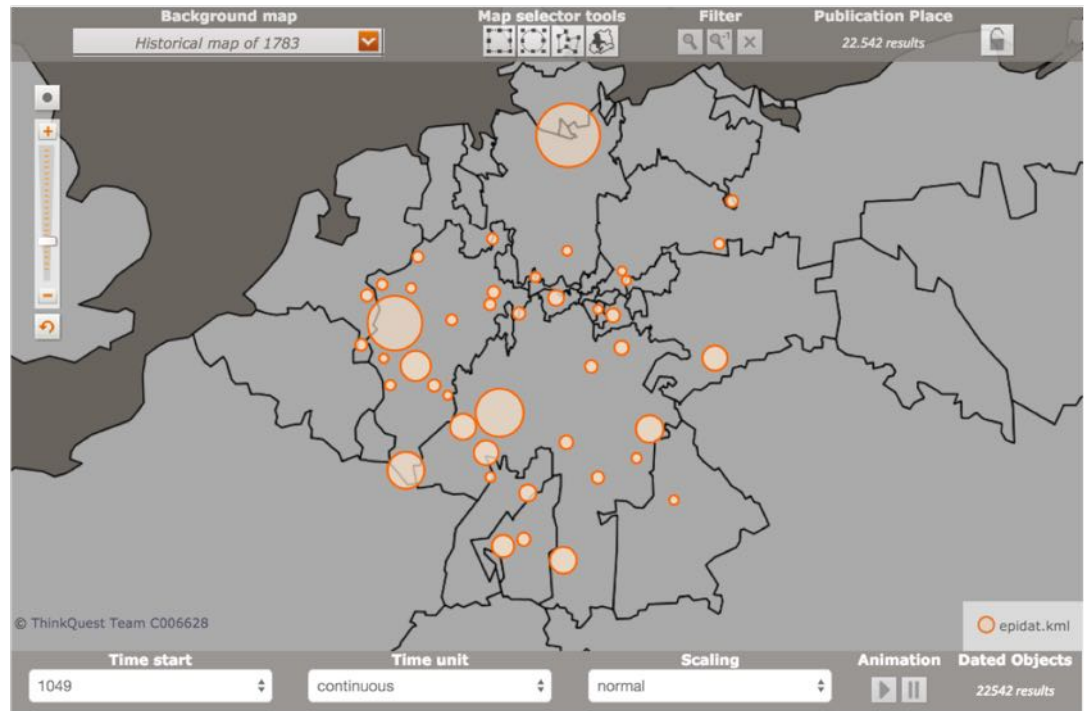
The screenshot displays the DARIAH-DE Geo-Browser interface. At the top, there are sections for 'Load Data', 'Load Overlay', and 'Dataset Information'. Below these is a map of Stuttgart, Germany, with several orange circles indicating specific locations. A timeline below the map shows a line graph representing data over time from 1049 to 2000. At the bottom, there is a list of digital editions with columns for 'description', 'name', 'place', and 'Temporal'.

description	name	place	Temporal
Grabmal für Fromm (gest. 3.3.1733) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Gisel hat Hospital zu Kohen (gest. 29.11.1743) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Meir bar Jehuda Leib / Meyer Levi (gest. 29.6.1757) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Peter escher Araham (gest. 14.6.1741) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Jacob Nathan (gest. 3.7.1742) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Araham bar Meir / Abraham Meyer (gest. 9.3.1749) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Elke escher Jakob (gest. 13.10.1749) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Mosche bar Meir / Moses Meyer Men (gest. 22.4.1751) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Friedche escher Meir (gest. 5.5.1751) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	
Grabmal für Joseph Jehuda ben David / Levi David (gest. 24.4.1756) digital edition in HTML or TEI XML	Adeleben, Im Stelhang	Adeleben	

Geo-Browser version 2.0.3 using PLATIN ©2016 DARIAH-DE Imprint Contact

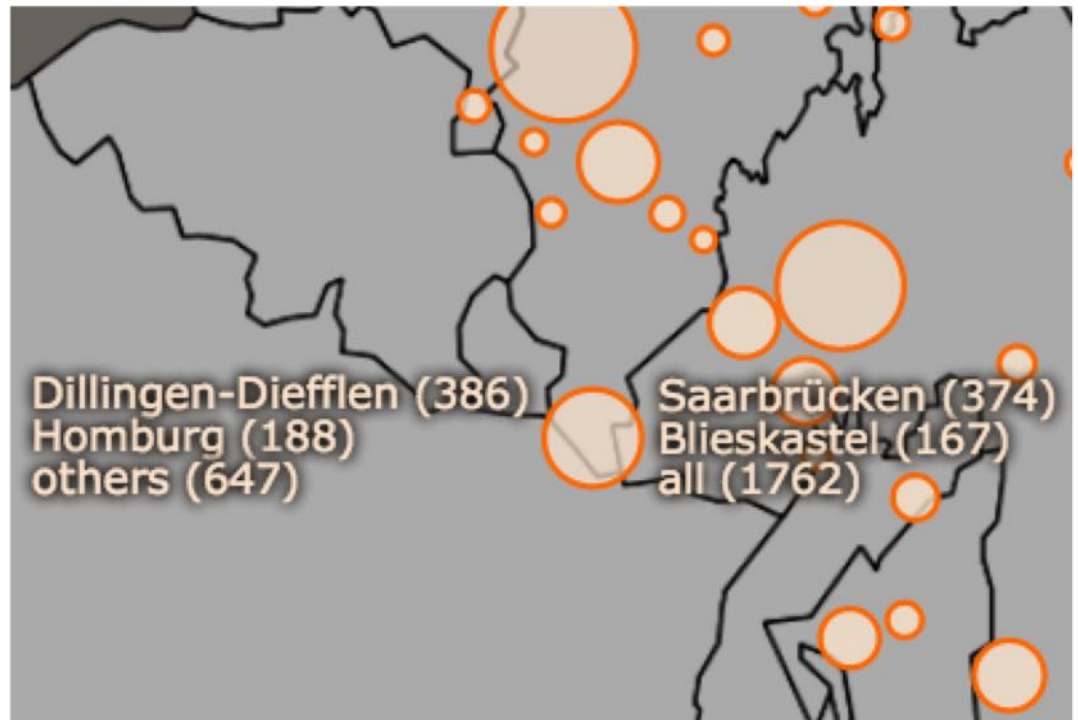
components

1. map(s)
2. timeline
3. documentation of data



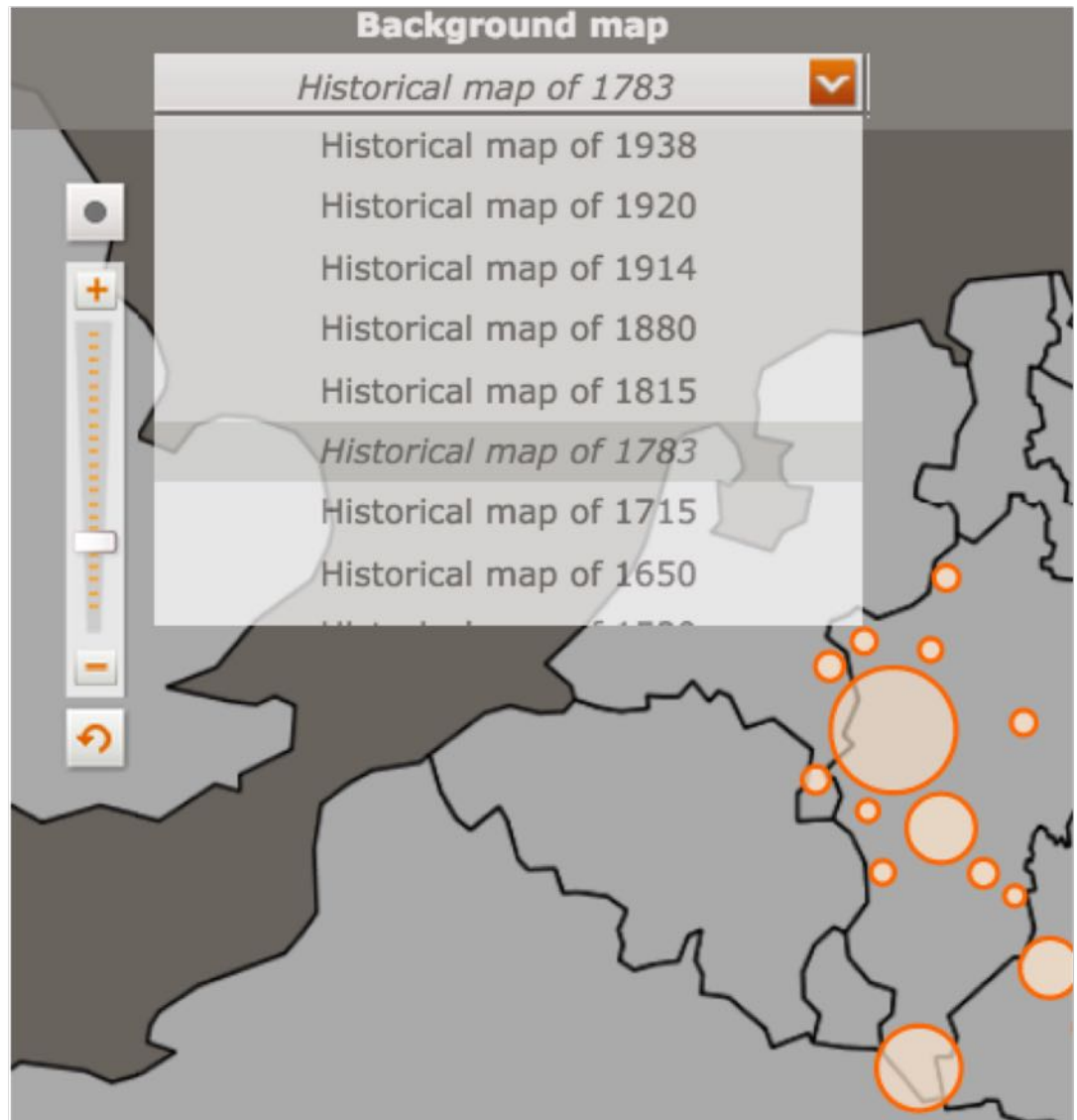
zoom in

1. map(s)
2. timeline
3. documentation of data



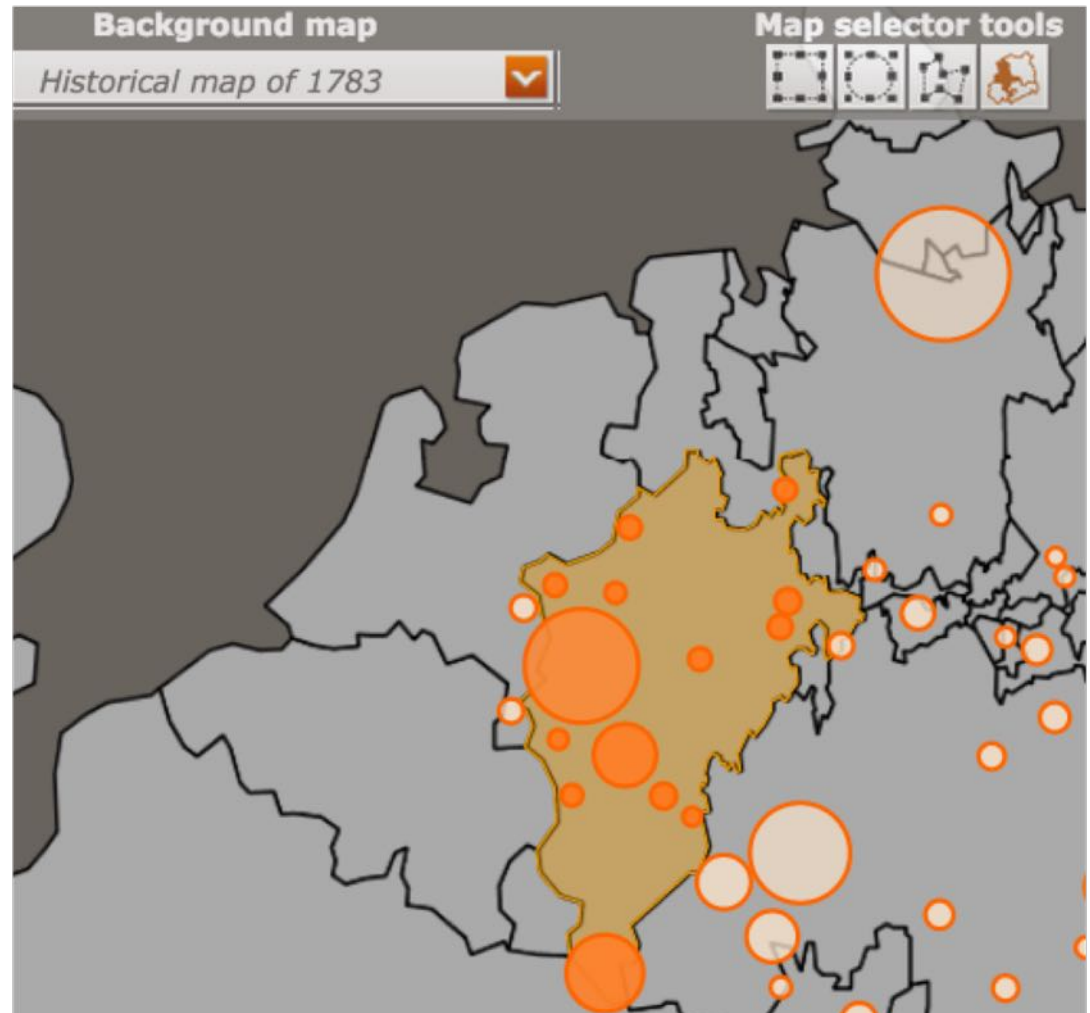
historical maps

1. map(s)
2. timeline
3. documentation of data



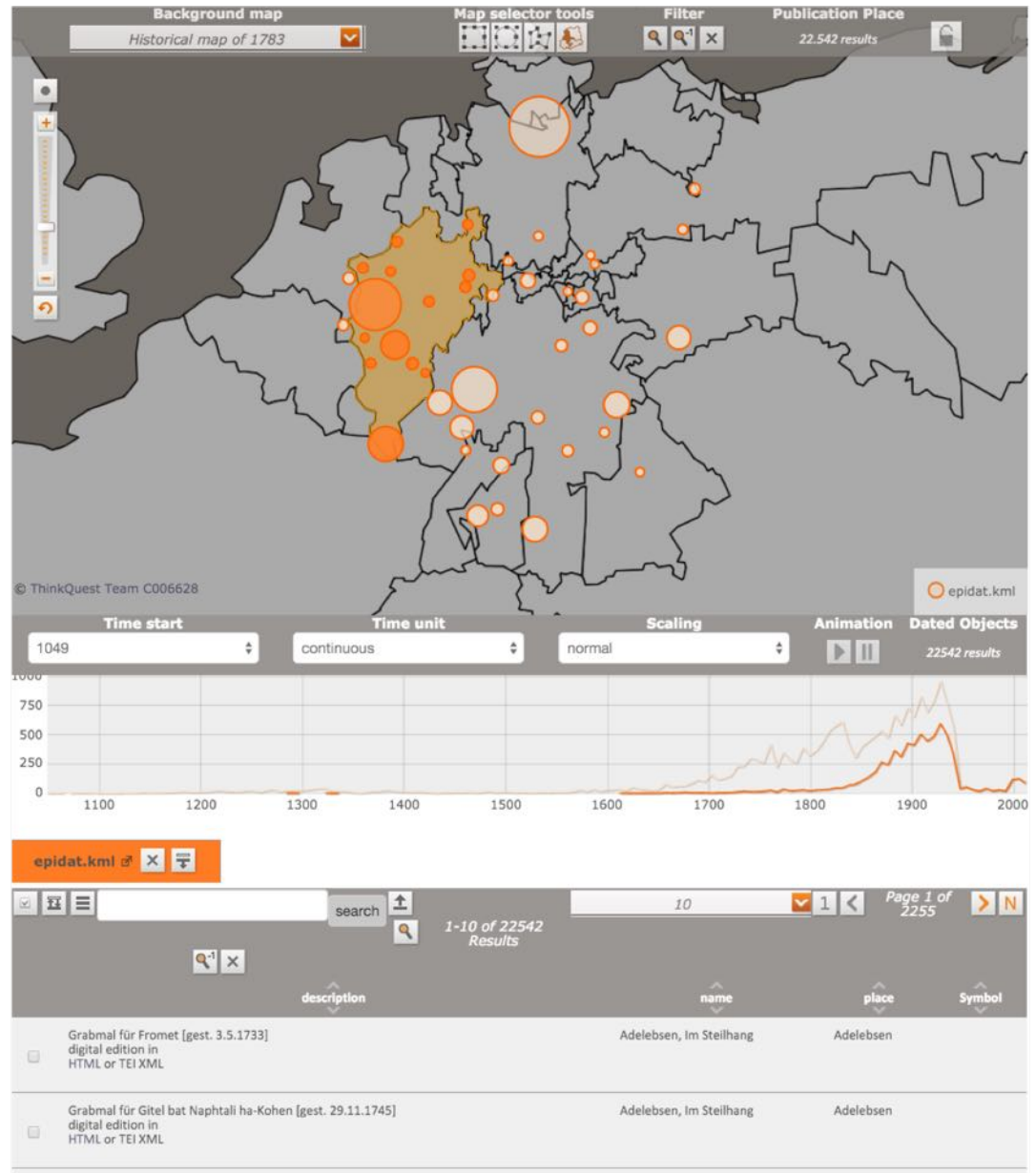
historical borders

1. map(s)
2. timeline
3. documentation of data



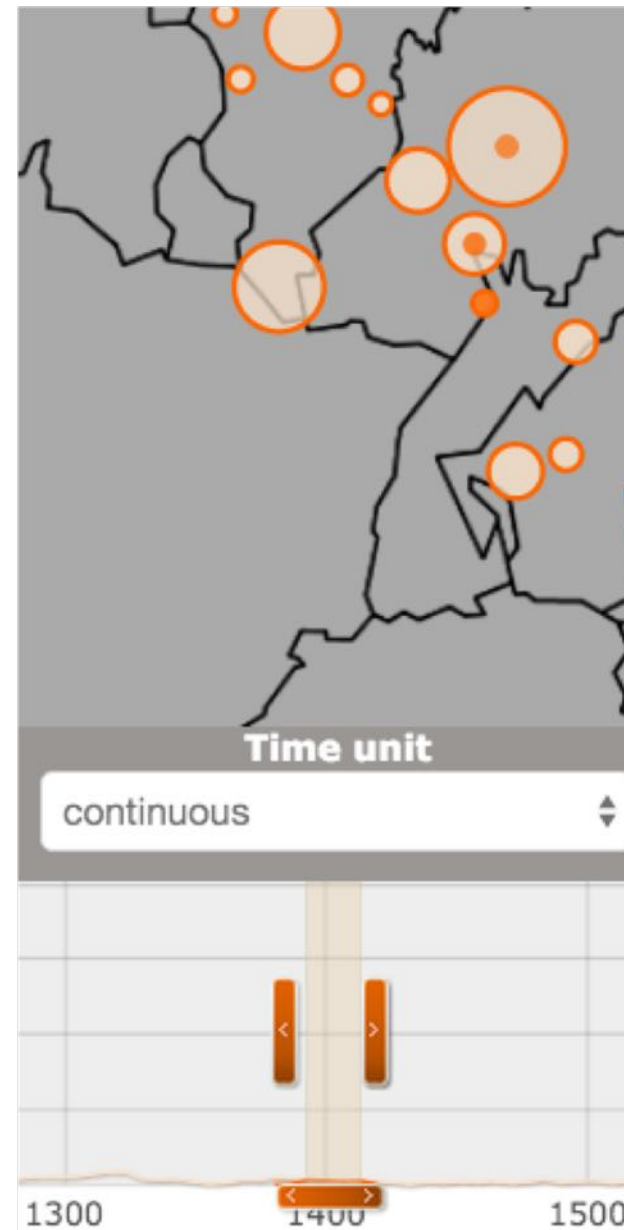
correlation

1. map(s)
2. timeline
3. documentation of data




correlation

1. map(s)
2. timeline
3. documentation of data



documentation

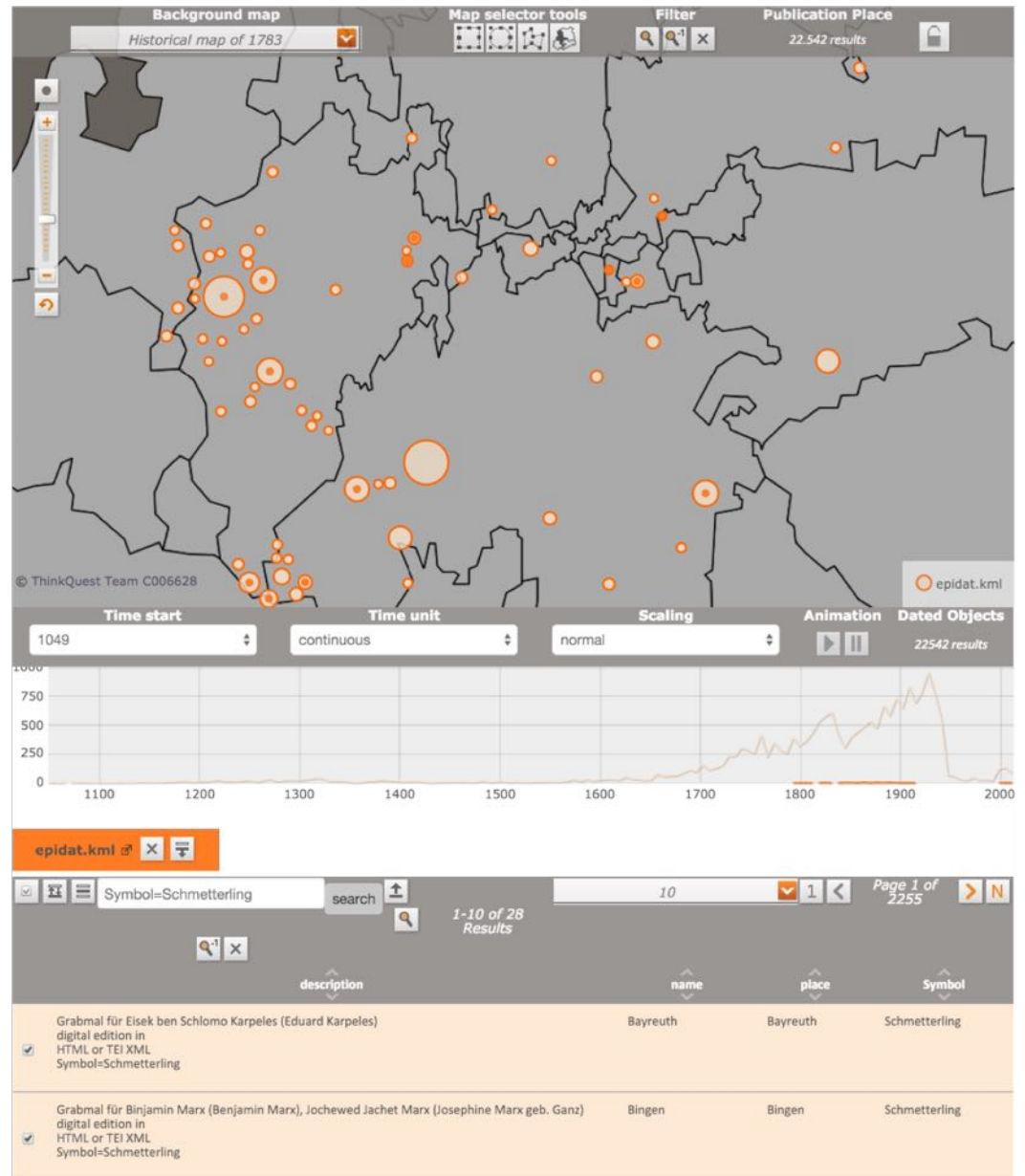
1. map(s)
2. timeline
3. documentation of data



	description	name	place	Symbol
<input checked="" type="checkbox"/>	Grabmal für Josef ben Mosche Heilbut digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	
<input checked="" type="checkbox"/>	Grabmal für [...] (Henny Haurw[itz] geb. Karpeles) digital edition in HTML or TEI XML Symbol=Sonne	Hamburg-Altona, Königstraße	Hamburg-Altona	Sonne
<input checked="" type="checkbox"/>	Grabmal für Löb ben ... SeGal digital edition in HTML or TEI XML Symbol=Levitentanne	Hamburg-Altona, Königstraße	Hamburg-Altona	Levitentanne
<input checked="" type="checkbox"/>	Grabmal für Mosche Heller ben Issachar SeGal digital edition in HTML or TEI XML Symbol=Levitentanne	Hamburg-Altona, Königstraße	Hamburg-Altona	Levitentanne
<input checked="" type="checkbox"/>	Grabmal für Blümche ∞ Jüdel ben Wolf SeGal (Bliemchen Wolff geb. Baruch) digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	
<input checked="" type="checkbox"/>	Grabmal für Sprinzche bat Mendel Bonn SeGal (Fanny Bonn) digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	
<input checked="" type="checkbox"/>	Grabmal für Lipman Berlin ([Lipmann Berlin]) digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	
<input checked="" type="checkbox"/>	Grabmal für Mirjam ben Jechiel ben Heine digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	
<input checked="" type="checkbox"/>	Grabmal für Falk ben Schimon digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	
<input checked="" type="checkbox"/>	Grabmal für Zippor bat Meir Kohen (Sophie [Cohen]) digital edition in HTML or TEI XML	Hamburg-Altona, Königstraße	Hamburg-Altona	

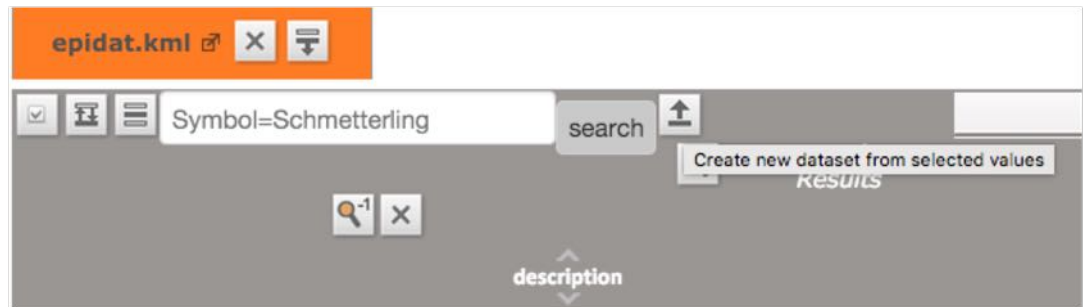
search in documentation

1. map(s)
2. timeline
3. documentation of data



subsets

1. map(s)
2. timeline
3. documentation of data



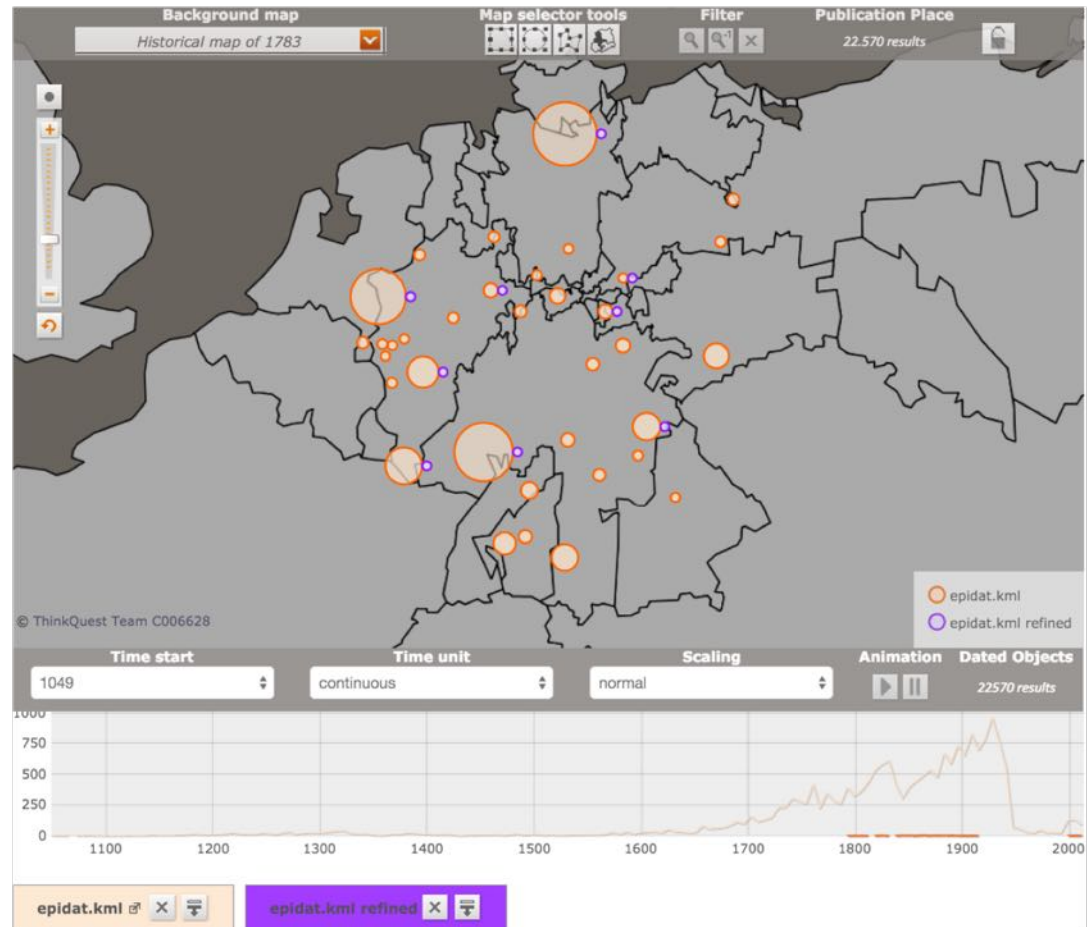
export

1. map(s)
2. timeline
3. documentation of data



combine visualizations

1. map(s)
2. timeline
3. documentation of data



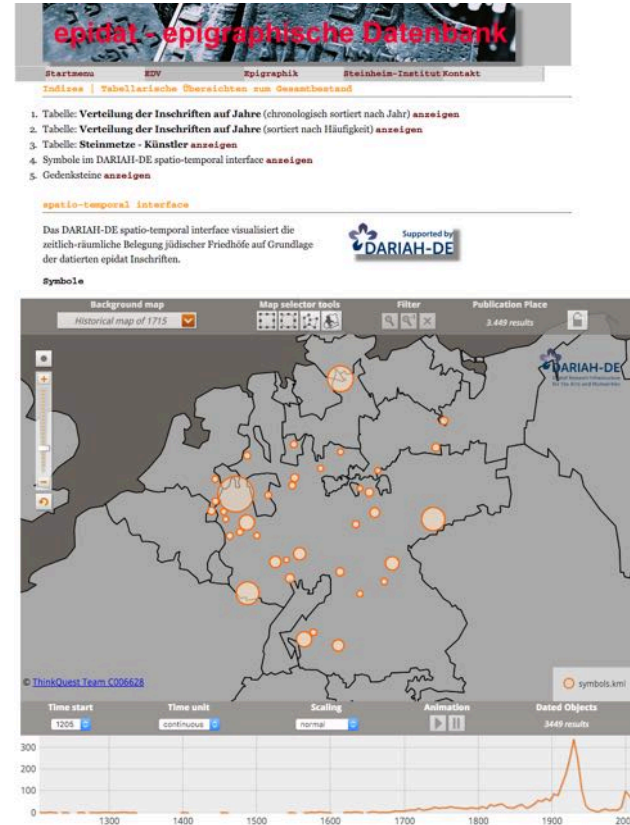
kml – Keyhole MarkupLanguage

1. map(s)
2. timeline
3. documentation of data

```
symbols.kml X
28022 <Placemark>
28023   <name>Jüdischer Friedhof Worms</name>
28024   <address>Worms</address>
28025   <TimeStamp>
28026     <when>1205</when>
28027   </TimeStamp>
28028   <description>
28029     <![CDATA[
28030       <p>Grabmal für Channa bat Mosche
28031       <a href='http://steinheim-institut.de/cgi-bin/epidat?id=wrn-195'>
28032       link to digital edition</a>
28033       <br/>Symbol=Lilie</p>
28034     ]]>
28035   </description>
28036   <Point>
28037     <coordinates>8.356283,49.629442</coordinates>
28038   </Point>
28039 </Placemark>
```

embedded

1. map(s)
2. timeline
3. documentation of data



epidat - epigraphische Datenbank


Startmenü E2V Epigraphik Steinheim-Institut Kontakt

[Index](#) | [Tabellarische Übersichten zum Gesamtbestand](#)

1. Tabelle: **Verteilung der Inschriften auf Jahre** (chronologisch sortiert nach Jahr) **anzeigen**
2. Tabelle: **Verteilung der Inschriften auf Jahre** (sortiert nach Häufigkeit) **anzeigen**
3. Tabelle: **Steinmetze - Künstler anzeigen**
4. Symbole im DARIAH-DE spatio-temporal interface **anzeigen**
5. Gedenksteine **anzeigen**

spatio-temporal interface

Das DARIAH-DE spatio-temporal interface visualisiert die zeitlich-räumliche Belegung jüdischer Friedhöfe auf Grundlage der datierten epidat Inschriften.

Supported by 

Symbol

Background map: Historical map of 1715

Map selector tools: [Icons]

Filter: [Icons]

Publication Place: 3.449 results

© ThinkQuest Team C005628

Time start: 1208

Time unit: continuous

Scaling: normal

Animation: [Icons]

Dated Objects: 3449 results

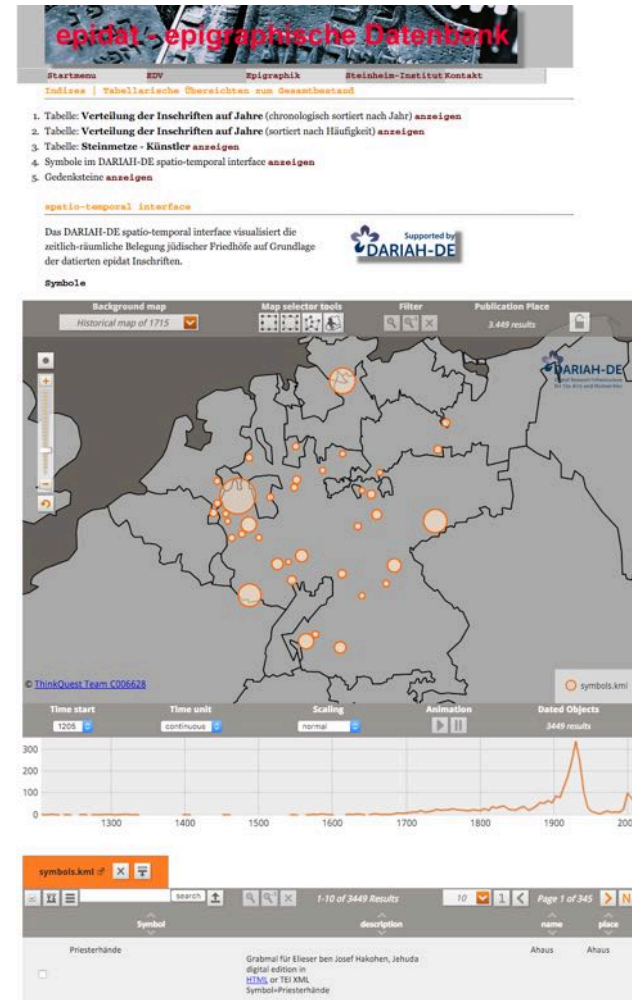
symbols.kml

1-10 of 3449 Results

Symbol	description	name	place
<input type="checkbox"/>	Priesterhände Grabmal für Elieser ben Josef Hakohen, Jehuda digital edition in HTM , or TEI XML Symbol-Priesterhände	Ahaus	Ahaus
<input type="checkbox"/>	Priesterhände Grabmal für Josef ben Elieser Hakohen digital edition in HTM , or TEI XML Symbol-Priesterhände	Ahaus	Ahaus
<input type="checkbox"/>	Magen David Grabmal für Naftali ben Elieser digital edition in HTM , or TEI XML Symbol-Magen David	Ahaus	Ahaus
<input type="checkbox"/>	Magen David Grabmal für Franche bat Jaakow digital edition in HTM , or TEI XML Symbol-Magen David	Ahaus	Ahaus

embedded

1. map(s)
2. timeline
3. documentation of data



epidat - epigraphische Datenbank

Startmenü | EZV | Epigraphik | Steinheim-Institut Kontakt

Indexe | Tabellarische Übersichten zum Gesamtbestand

1. Tabelle: Verteilung der Inschriften auf Jahre (chronologisch sortiert nach Jahr) anzeigen
2. Tabelle: Verteilung der Inschriften auf Jahre (sortiert nach Häufigkeit) anzeigen
3. Tabelle: Steinmetze - Künstler anzeigen
4. Symbole im DARIAH-DE spatio-temporal interface anzeigen
5. Gedenksteine anzeigen

spatio-temporal interface

Das DARIAH-DE spatio-temporal interface visualisiert die zeitlich-räumliche Belegung jüdischer Friedhöfe auf Grundlage der datierten epidat Inschriften.

Supported by DARIAH-DE

Symbole

Background map: Historical map of 1715

Map selector tools

Filter

Publication Place: 3,449 results

© ThinkQuest Team C005628

Time start: 1205

Time unit: continuous

Scaling: normal

Animation

Dated Objects: 3449 results

300

200

100

0

1300 1400 1500 1600 1700 1800 1900 2000

symbols.kml of

1-10 of 3449 Results

Symbol	description	name	place
Priesterhände	Grabmal für Elezer ben Josef Hakohen, Jehuda digital edition in HTI&S of TEI XML Symbol-Priesterhände	Ahaus	Ahaus

<object

```
data="http://geobrowser.de.dariah.eu/embed/?kml=http://steinheim-institut.de/daten/symbols.kml"
width="900" height="2500">
```

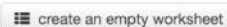
```
<param value="Objekt kann nicht geladen werden" />
```

</object>

DARIAH-DE DATASHEET-EDITOR

Create or Choose Data

You have no dataset selected. Choose one of the actions, either *create an empty worksheet* or *import existing CSV data* from your harddisk. Creating a new sheet will allow you to fill out the table and enables you to copy'n'paste your data from Excel or Calc. Your data will be saved to the DARIAH-DE Storage and be publicly available to everyone who has access to your data's link. You now can



 create an empty worksheet

or import a local CSV file

 Datei auswählen

Keine ausgewählt

Place Selection

The coordinates automatically added are for the most probable place, you may adjust the places below.  sets all places with this name to the chosen coordinates.  lets you lookup and fine tune the coordinates or set unrecognized places.

Map Selection

Longitude

Latitude

 Set All




Geocoordinates for places could be added with the help of the DARIAH-DE Getty Thesaurus Service.

 Geolocation Completion

View Raw Data


The raw CSV data of this sheet is stored in the DARIAH-DE Storage Service and has the ID **not yet set**.

 View Raw Data

Open with Geo-

Browser

The datasheet will be checked for errors and completeness and could be viewed with the DARIAH-DE Geo-Browser.

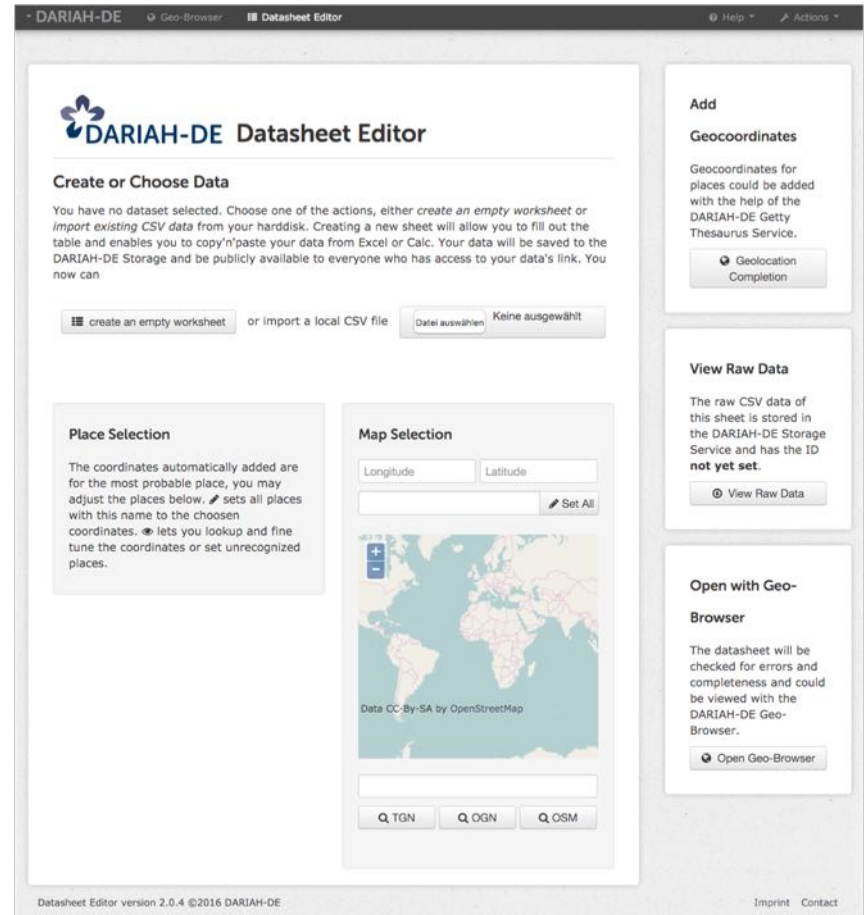
 Open Geo-Browser

Visualization

DARIAH-DE Datasheet-Editor

A tool for
creation of spatio-temporal datasets

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction



The screenshot shows the DARIAH-DE Datasheet Editor web interface. The main content area is titled "Create or Choose Data" and provides instructions for creating a new worksheet or importing existing CSV data. Below this, there are two main sections: "Place Selection" and "Map Selection".

Place Selection: This section explains that coordinates are automatically added for the most probable place and provides instructions on how to adjust places and set coordinates. It includes a "Set All" button.

Map Selection: This section features a map of Europe and a search bar. Below the map, there are three buttons: "Q TGN", "Q OGN", and "Q OSM".

On the right side of the interface, there are three panels:

- Add Geocoordinates:** This panel explains that geocoordinates for places can be added with the help of the DARIAH-DE Getty Thesaurus Service. It includes a "Geolocation Completion" button.
- View Raw Data:** This panel states that the raw CSV data is stored in the DARIAH-DE Storage and has the ID not yet set. It includes a "View Raw Data" button.
- Open with Geo-Browser:** This panel explains that the datasheet will be checked for errors and completeness and could be viewed with the DARIAH-DE Geo-Browser. It includes an "Open Geo-Browser" button.

The footer of the interface shows "Datasheet Editor version 2.0.4 ©2016 DARIAH-DE" and "Imprint Contact" links.

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction



The screenshot shows the DARIAH-DE Datasheet Editor interface. At the top, there is a header with the DARIAH-DE logo and the text "DARIAH-DE Datasheet Editor". Below the header, the main content area is titled "Create or Choose Data". The text below this title reads: "You have no dataset selected. Choose one of the actions, either *create an empty worksheet* or *import existing CSV data* from your harddisk. Creating a new sheet will allow you to fill out the table and enables you to copy'n'paste your data from Excel or Calc. Your data will be saved to the DARIAH-DE Storage and be publicly available to everyone who has access to your data's link. You now can". At the bottom of the interface, there are two buttons: "create an empty worksheet" and "or import a local CSV file". To the right of these buttons, there is a file selection interface with a button labeled "Datei auswählen" and a status indicator "Keine ausgewählt".

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction



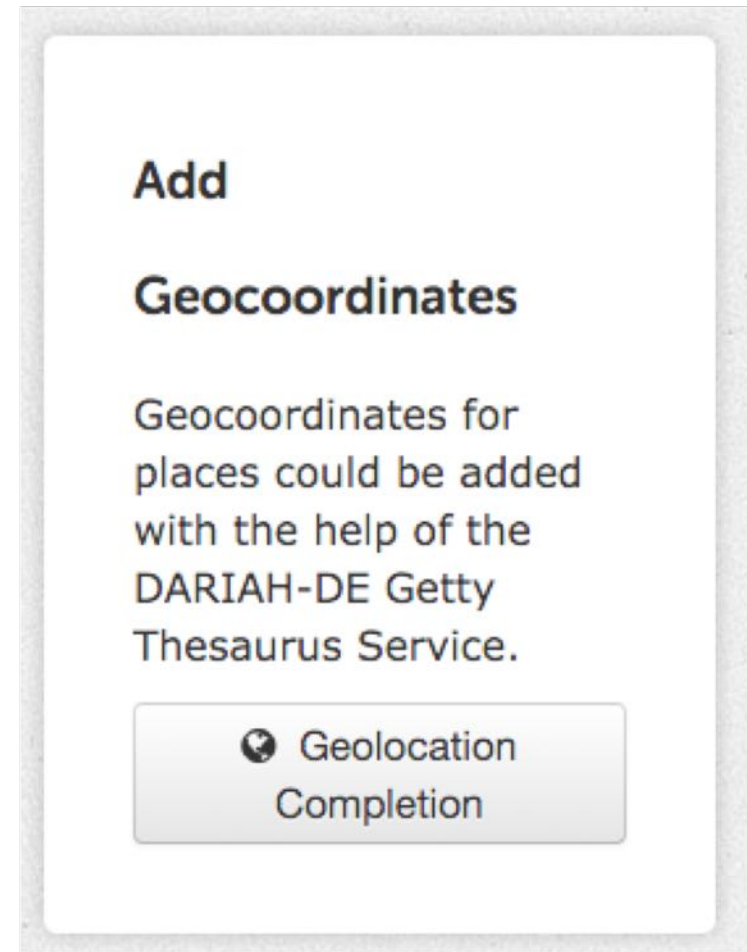
- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction

View Raw Data

The raw CSV data of this sheet is stored in the DARIAH-DE Storage Service and has the ID **387801**.

 View Raw Data

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction




- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction

	B	C	D	E	F	G	H	I
1	Address	Description	Longitude	Latitude	TimeStamp	TimeSpan:begin	TimeSpan:end	GettyID
2	Essen		6.95	51.45				7004905
3	Stuttgart		9.3333	48.6667				1003262
4								

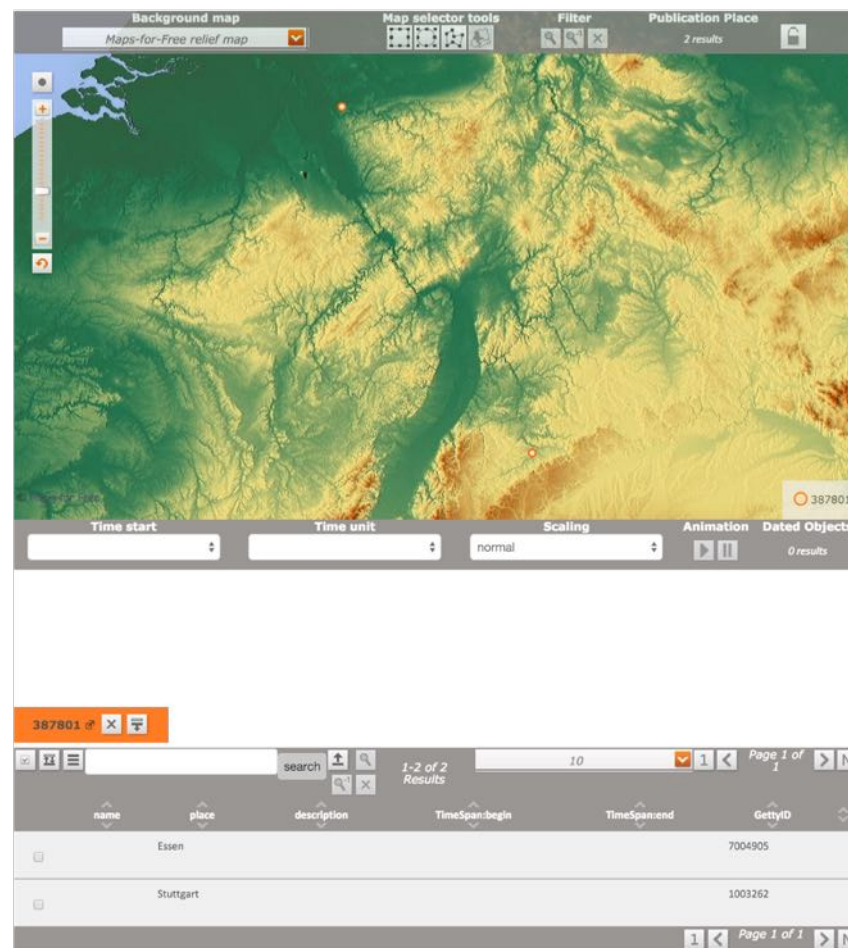
- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction

Open with Geo-Browser

The datasheet will be checked for errors and completeness and could be viewed with the DARIAH-DE Geo-Browser.

 [Open Geo-Browser](#)

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction

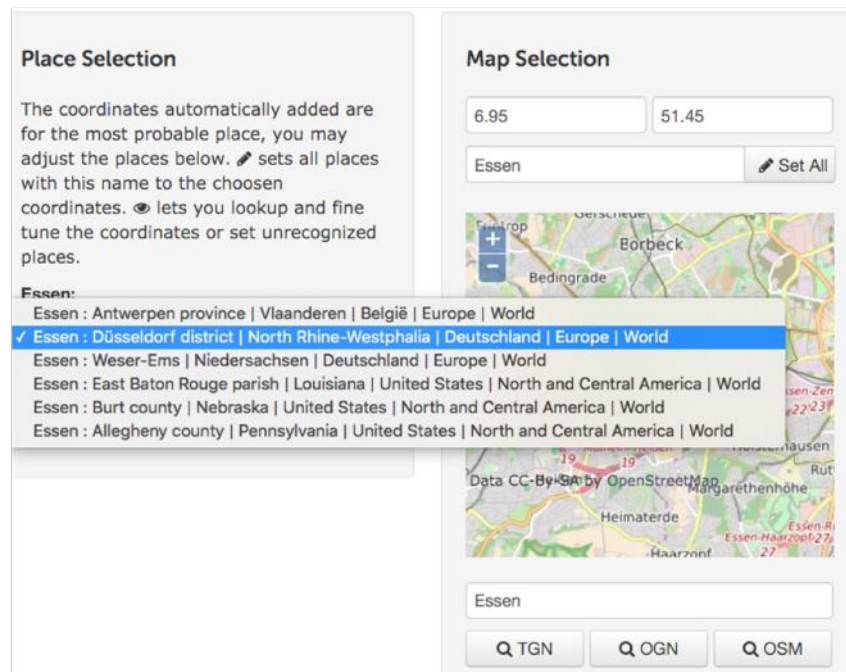


- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction

Place Selection

The coordinates automatically added are for the most probable place, you may adjust the places below. ✎ sets all places with this name to the chosen coordinates. 👁 lets you lookup and fine tune the coordinates or set unrecognized places.

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
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- verification and correction



Place Selection

The coordinates automatically added are for the most probable place, you may adjust the places below. ✎ sets all places with this name to the chosen coordinates. 🔍 lets you lookup and fine tune the coordinates or set unrecognized places.

EsSEN:

- EsSEN : Antwerpen province | Vlaanderen | België | Europe | World
- ✓ EsSEN : Düsseldorf district | North Rhine-Westphalia | Deutschland | Europe | World
- EsSEN : Weser-Ems | Niedersachsen | Deutschland | Europe | World
- EsSEN : East Baton Rouge parish | Louisiana | United States | North and Central America | World
- EsSEN : Burt county | Nebraska | United States | North and Central America | World
- EsSEN : Allegheny county | Pennsylvania | United States | North and Central America | World

Map Selection

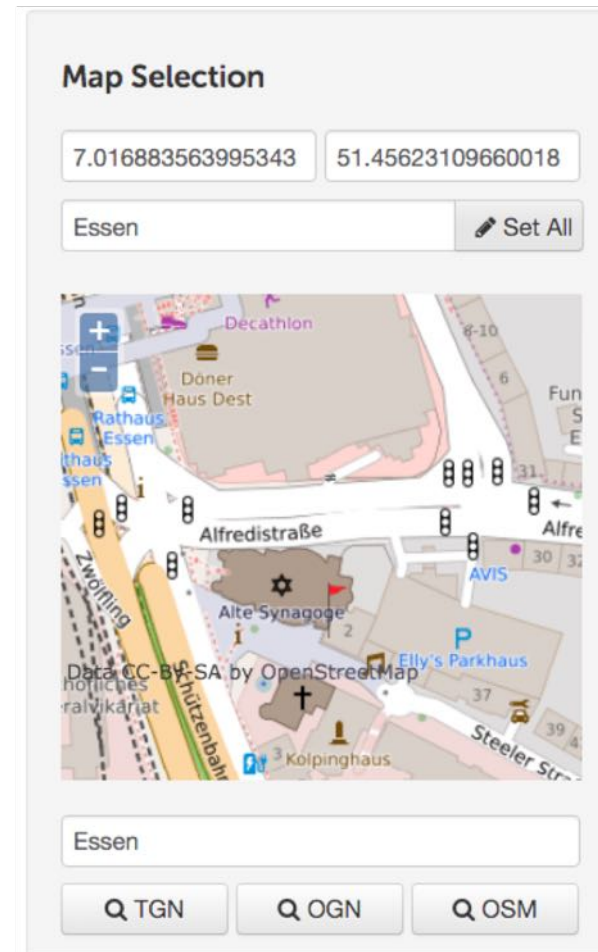
6.95 51.45

EsSEN

Map showing location of Essen, North Rhine-Westphalia, Germany. The map includes labels for Essen, Boringrade, and other nearby areas.

EsSEN

- edition of spatio-temporal datasets
- from the start on data are stored in the DARIAH-DE data storage
- enrichment of data via Getty Thesaurus of Geographical Names (TGN)
 - allocation of unique TGN-ID
 - allocation of geocoordinates
- visualization in Geo-Browser
- verification and correction



DARIAH-DE Portal

more information on

Geo-Browser and Datasheet Editor

<https://de.dariah.eu/geobrowser>

<http://geobrowser.de.dariah.eu/>

<http://geobrowser.de.dariah.eu/edit>

Examples from epigraphical
database *epidat* :

<http://steinheim-institut.de/cgi-bin/epidat>

<http://steinheim-institut.de/daten/symbols.kml>

<http://steinheim-institut.de/daten/epidat.kml>

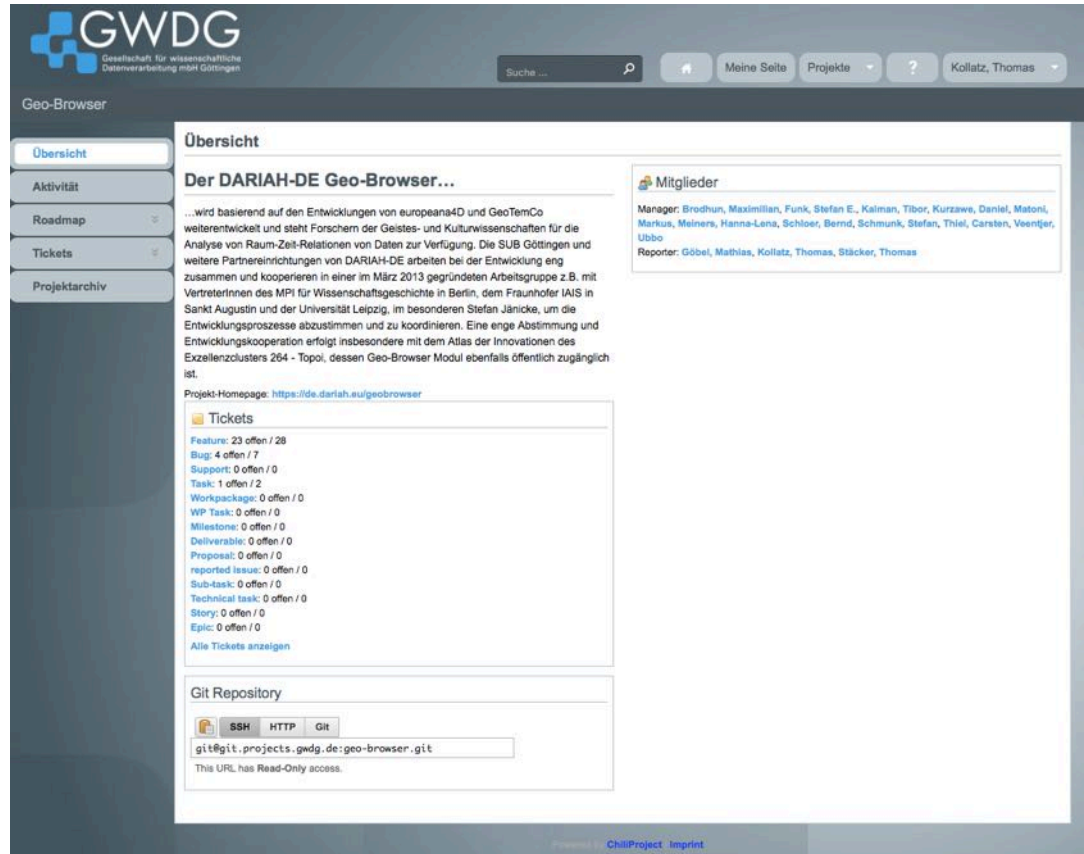


The screenshot shows the DARIAH-DE website interface. The top navigation bar includes 'DARIAH-DE', 'DARIAH-DE', 'DARIAH-DE', 'DARIAH-DE', 'DARIAH-DE', and 'DARIAH-DE'. The main content area is titled 'Geo-Browser & Datasheet Editor' and provides information about the tool, its development, and its use. The text describes the tool's purpose, its development by the Niedersächsische Staats- und Universitätsbibliothek Göttingen (SUB), and its use in various research projects. It also mentions the tool's features, such as its ability to handle large datasets and its integration with other tools like PLATIN. The page includes a 'Beschreibung' section, a 'Forschungsfragen' section, a 'Datensatz' section, a 'Förderer' section, and a 'Releasehistory' section. The footer contains the text 'Alle Inhalte dieser Seite unterliegen sofern nicht anders gekennzeichnet der CC-BY 4.0 Lizenz' and 'Impressum Kontakt'.

development

DARIAH-DE Geo-Browser and Datasheet Editor are in continuous development.

Join us !



The screenshot shows the development page for the DARIAH-DE Geo-Browser. The page is part of the GWDG (Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen) website. The main content area is titled "Der DARIAH-DE Geo-Browser..." and contains a detailed description of the project's development progress. A sidebar on the left provides navigation options: Übersicht (selected), Aktivität, Roadmap, Tickets, and Projektarchiv. A "Tickets" section lists various issue types and their counts, such as 23 open features and 4 open bugs. A "Git Repository" section provides the SSH, HTTP, and Git URLs for the project, with a note that the URL has Read-Only access. A "Mitglieder" (Members) section lists the project's management and reporting staff.

GWDG
Gesellschaft für wissenschaftliche
Datenverarbeitung mbH Göttingen

Suche ...

Meine Seite Projekte ? Kollatz, Thomas

Geo-Browser

Übersicht

Der DARIAH-DE Geo-Browser...

...wird basierend auf den Entwicklungen von europeana4D und GeoTemCo weiterentwickelt und steht Forschern der Geistes- und Kulturwissenschaften für die Analyse von Raum-Zeit-Relationen von Daten zur Verfügung. Die SUB Göttingen und weitere Partnereinrichtungen von DARIAH-DE arbeiten bei der Entwicklung eng zusammen und kooperieren in einer im März 2013 gegründeten Arbeitsgruppe z.B. mit VertreterInnen des MPI für Wissenschaftsgeschichte in Berlin, dem Fraunhofer IAIS in Sankt Augustin und der Universität Leipzig, im besonderen Stefan Jänicke, um die Entwicklungsprozesse abzustimmen und zu koordinieren. Eine enge Abstimmung und Entwicklungskooperation erfolgt insbesondere mit dem Atlas der Innovationen des Exzellenzclusters 264 - Topoi, dessen Geo-Browser Modul ebenfalls öffentlich zugänglich ist.

Projekt-Homepage: <https://de.dariah.eu/geobrowser>

Tickets

Feature: 23 offen / 28
Bug: 4 offen / 7
Support: 0 offen / 0
Task: 1 offen / 2
Workpackage: 0 offen / 0
WP Task: 0 offen / 0
Milestone: 0 offen / 0
Deliverable: 0 offen / 0
Proposal: 0 offen / 0
reported issue: 0 offen / 0
Sub-task: 0 offen / 0
Technical task: 0 offen / 0
Story: 0 offen / 0
Epic: 0 offen / 0
[Alle Tickets anzeigen](#)

Git Repository

SSH HTTP Git

git@git.projects.gwdg.de:geo-browser.git

This URL has Read-Only access.

Mitglieder

Manager: Brodhun, Maximilian, Funk, Stefan E., Kaiman, Tibor, Kurzwaw, Daniel, Matoni, Markus, Meiners, Hanna-Lena, Schloer, Bernd, Schmunk, Stefan, Thiel, Carsten, Voentjer, Utbo
Reporter: Göbel, Mathias, Kollatz, Thomas, Stäcker, Thomas

Powered by [ChiliProject](#) [Imprint](#)

examples

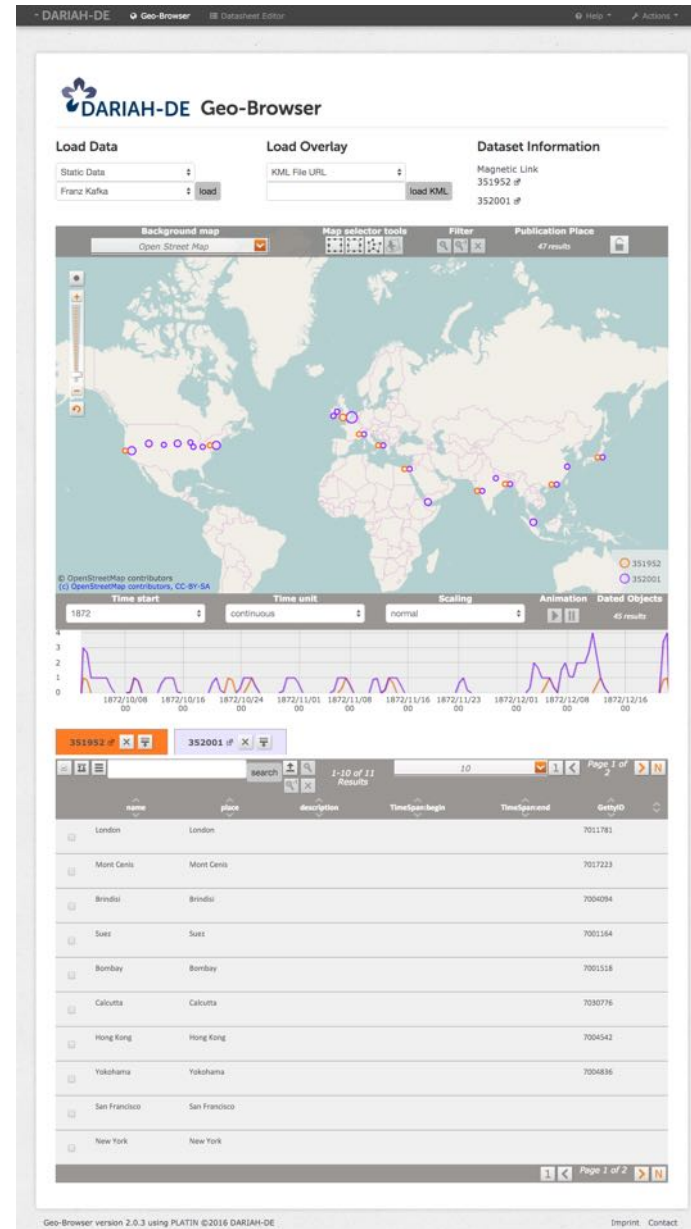
Jules Verne

Around the world in 80 days

<https://geobrowser.de.dariah.eu/edit/index.html?id=351952>

<https://geobrowser.de.dariah.eu/edit/index.html?id=352001>

<https://geobrowser.de.dariah.eu/?csv1=http://geobrowser.de.dariah.eu/storage/351952&csv2=http://geobrowser.de.dariah.eu/storage/352001>



The screenshot shows the DARIAH-DE Geo-Browser interface. At the top, there are navigation tabs for 'DARIAH-DE', 'Geo-Browser', and 'Dataset Editor'. The main interface is divided into several sections:

- Load Data:** A dropdown menu showing 'Static Data' and 'Franz Kafka', with a 'load' button.
- Load Overlay:** A text input field for 'KML File URL' and a 'load KML' button.
- Dataset Information:** Shows 'Magnetic Link' as '351952 #' and '352001 #'.
- Map:** A world map with several data points (circles) plotted. The background map is set to 'Open Street Map'. There are also 'Map selector tools', 'Filter', and 'Publication Place' (47 results) options.
- Time and Animation Controls:** Includes 'Time start' (set to 1872), 'Time unit' (set to continuous), 'Scaling' (set to normal), 'Animation' (play/pause), and 'Dated Objects' (45 results).
- Table:** A table with columns for 'name', 'place', 'description', 'TimeSpan:begin', 'TimeSpan:end', and 'GeoID'. The table lists various locations: London, Mont Cenis, Brindisi, Suez, Bombay, Calcutta, Hong Kong, Yokohama, San Francisco, and New York.

At the bottom of the interface, it says 'Geo-Browser version 2.0.3 using PLATIN ©2016 DARIAH-DE' and 'Imprint Contact'.

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