

Geovistory

LOD Research Infrastructure for Historical Sciences

<https://geovistory.org>

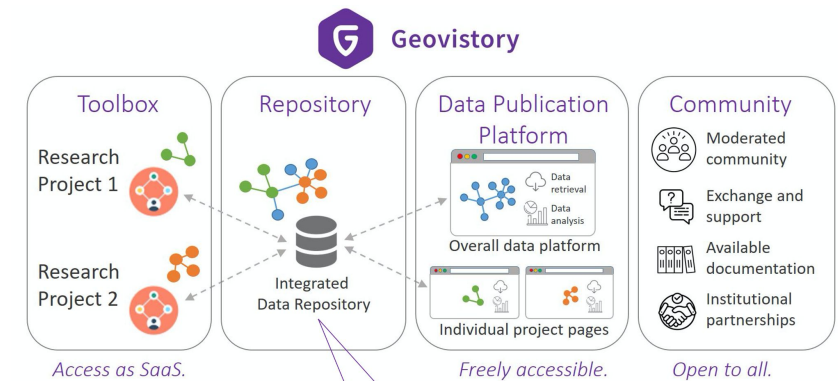
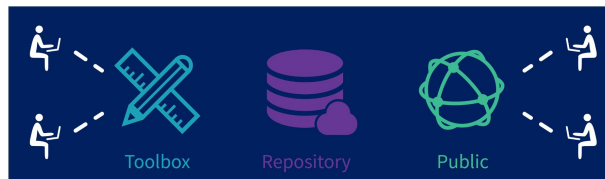
57th CIDOC CRM SIG - 10.10.2023
CNRS MAP - Unité Mixte de Recherche 3495

Partners



Geovistory Environment

Geovistory Environment

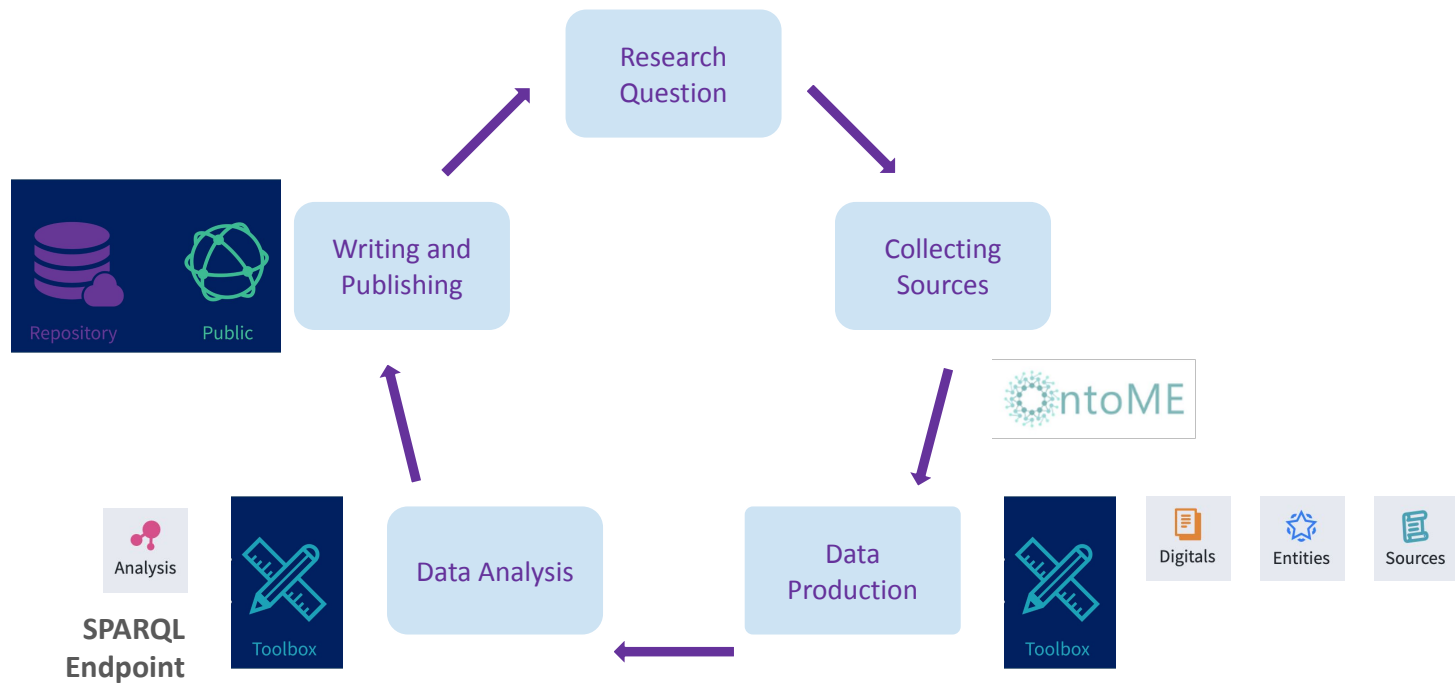


ISO 21127
[CIDOC-CRM](#) &
[SDHSS](#)

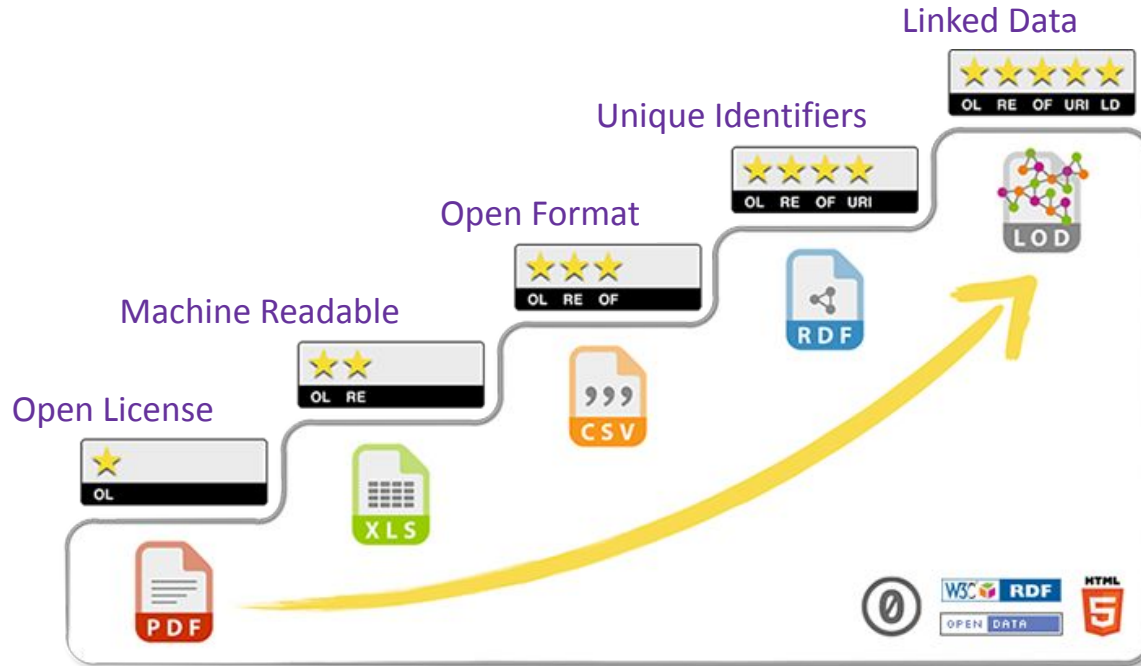
CIDOC
CRM

ontoME

Geovistory in the research cycle



LOD principles



Fully Open Source



geovistory

Overview Repositories 45 Projects 6 Packages Teams 7 People 17

Geovistory

Research Environment for Humanities and Social Sciences

9 followers <http://www.geovistory.org>

Follow

README.md

Welcome to Geovistory Organization.

We develop and maintain Geovistory, an open source, community driven virtual research environment and data publication platform.

The Geovistory information system has two browser-based access points. The first is the data publication platform Geovistory.org. Here, researchers and the larger public can review projects, directly access and evaluate curated data. The publication platform is designed in such a way that any software engineer can develop and integrate own components (web components). The second access point is the [Geovistory Toolbox](#), a virtual research environment, where researchers collect, curate and evaluate data.

The conceptual data model used for data curation and publication is developed and published in [OntoME](#).

Geovistory furthermore consists of an active [community](#), which constantly develops and documents its components.

You are invite to join our efforts. Meet us on [Discord](#)

View as: Public

You are viewing the README and pinned repositories as a public user.

People

Top languages

- TypeScript
- Jupyter Notebook
- Java
- JavaScript
- Shell

Data Production with the Toolbox

The *Toolbox*



Sources

Sources

Create your library of books, manuscripts, etc. and reproduce them as texts, tables (or images)



Entities

Entities

Reconstruct reality by creating, discussing and improving your data



Digitals

Digitals

Create and manage texts and tables



Analysis

Analyse

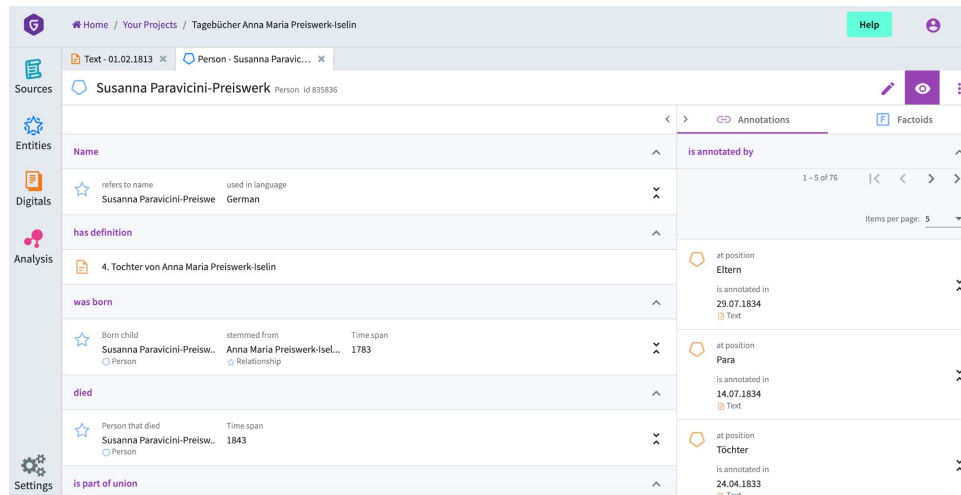
Analyse your data, create beautiful data visualization and gain insights



Settings

Settings

Manage controlled vocabularies & ontological settings. Activate classes and collections of classes

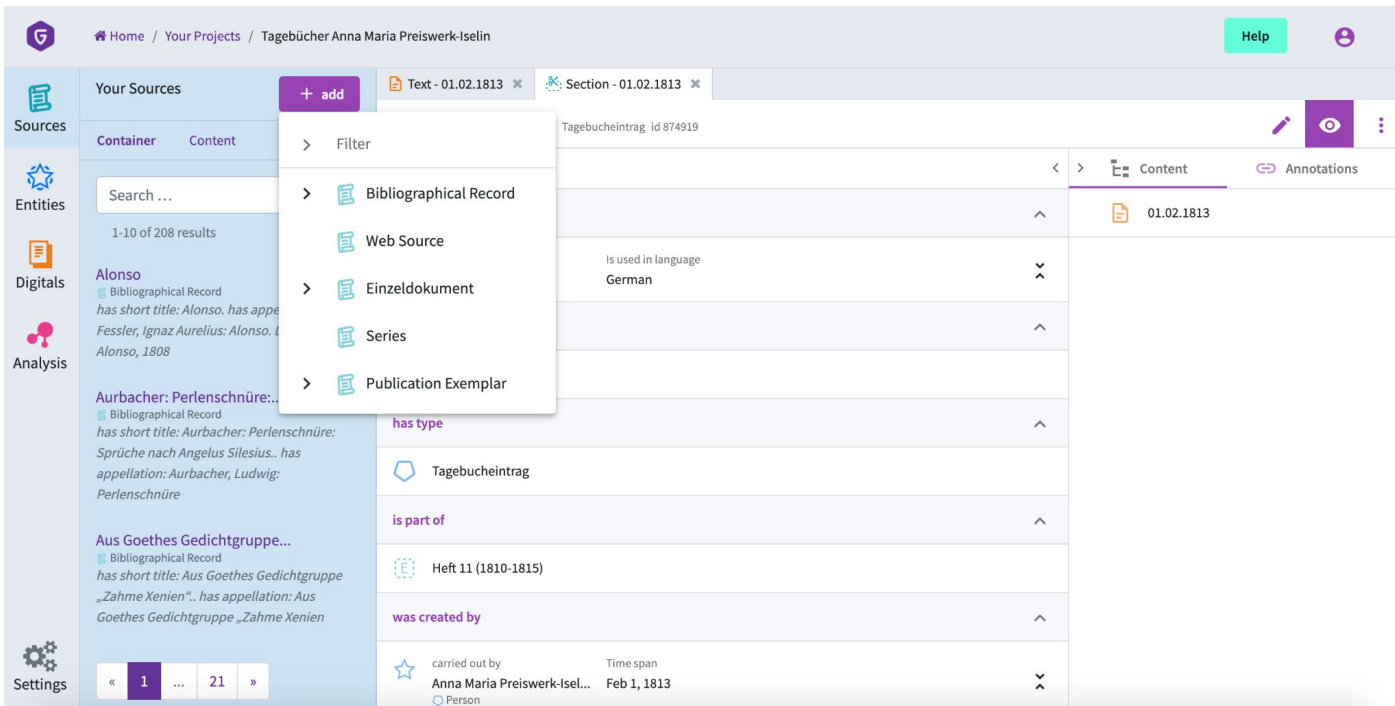


The screenshot shows the LOD4HSS web interface for a project named 'Tagebücher Anna Maria Preiswerk-Iselin'. The main profile is for 'Susanna Paravicini-Preiswerk' (Person id 835836). The interface is divided into several sections:

- Sources:** Shows two tabs: 'Text - 01.02.1813' and 'Person - Susanna Paravicini-Preiswerk'.
- Entities:** Lists various entities related to the person, including 'Name', 'has definition', 'was born', 'died', and 'is part of union'.
- Digitals:** Lists digitized documents, such as '4. Tochter von Anna Maria Preiswerk-Iselin'.
- Analysis:** Provides detailed information for each entity, including birth and death dates, relationships, and time spans.
- Settings:** Allows for managing controlled vocabularies and ontological settings.

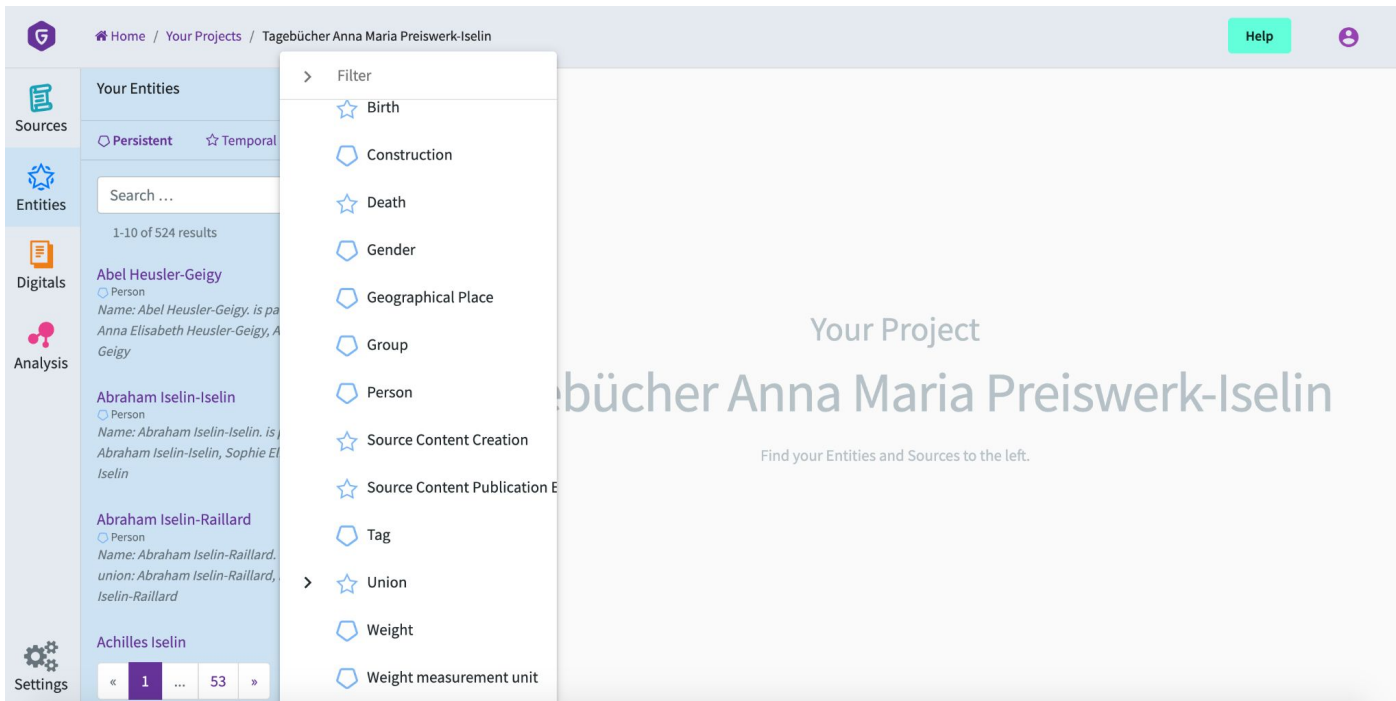
The right-hand side of the interface features a navigation pane with 'Annotations' and 'Factoids' tabs. The 'Annotations' tab is active, showing a list of annotations for the selected entity, including 'is annotated by' and 'at position'.

Documenting Sources



The screenshot displays the LOD4HSS web interface. The top navigation bar includes a home icon, the path "Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin", a "Help" button, and a user profile icon. The main content area is divided into a left sidebar and a main workspace. The sidebar contains navigation options: "Sources", "Entities", "Digitals", and "Analysis". The "Sources" section is active, showing a list of sources with a search bar and a "1-10 of 208 results" indicator. A dropdown menu is open over the "Sources" section, listing options: "Filter", "Bibliographical Record", "Web Source", "Einzeldokument", "Series", and "Publication Exemplar". The main workspace shows a detailed view of a source, "Tagebucheintrag id 874919". It includes a "Content" tab and an "Annotations" tab. The "Content" tab displays a list of content items, including "01.02.1813". The "Annotations" tab shows a list of annotations, including "Is used in language German", "has type", "Tagebucheintrag", "is part of", "Heft 11 (1810-1815)", "was created by", and "carried out by Anna Maria Preiswerk-Isel... Feb 1, 1813".

Creating Entities



The screenshot shows the LOD4HSS web interface. The breadcrumb navigation at the top reads "Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin". A "Help" button is visible in the top right corner. The left sidebar contains navigation icons for Sources, Entities, Digitals, Analysis, and Settings. The main content area is titled "Your Project" and "Tagebücher Anna Maria Preiswerk-Iselin", with a subtitle "Find your Entities and Sources to the left." A "Your Entities" panel is open, displaying a search bar and a list of 524 results. The first few results are:

- Abel Heusler-Geigy (Person)
- Abraham Iselin-Iselin (Person)
- Abraham Iselin-Raillard (Person)
- Achilles Iselin

A filter dropdown menu is open, showing the following options:

- Birth
- Construction
- Death
- Gender
- Geographical Place
- Group
- Person
- Source Content Creation
- Source Content Publication
- Tag
- Union
- Weight
- Weight measurement unit

Documenting Entities

Home / Your Projects / Academic Education & Careers (Community Project) Public page Project manual Help

Person - Accarias, Calixte x

Sources **Accarias, Calixte** Person id 6534683

Entities **Name**

Digitals **refers to name** used in language
Accarias, Calixte French

Analysis **has definition**

same as URI [owl:sameAs]

<http://symogih.org/resource/Actr47733>

<http://www.idref.fr/033030847/id>

has gender

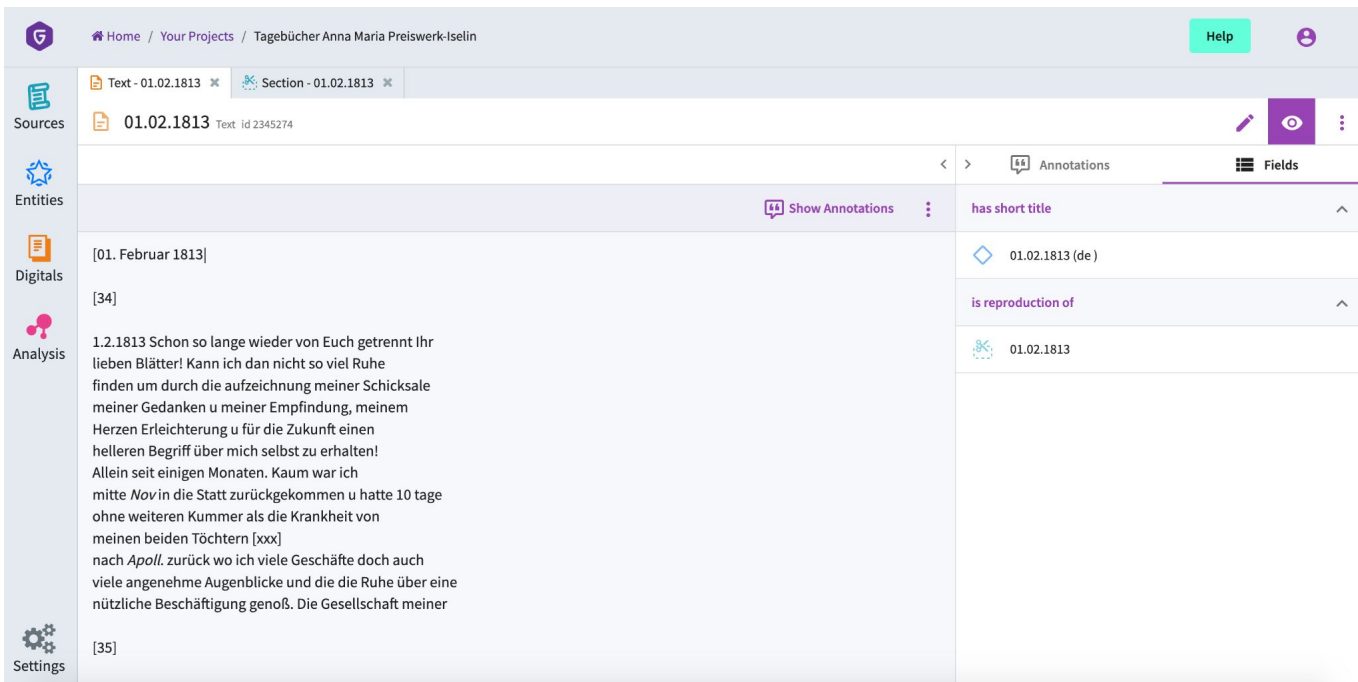
Male

was born

Settings

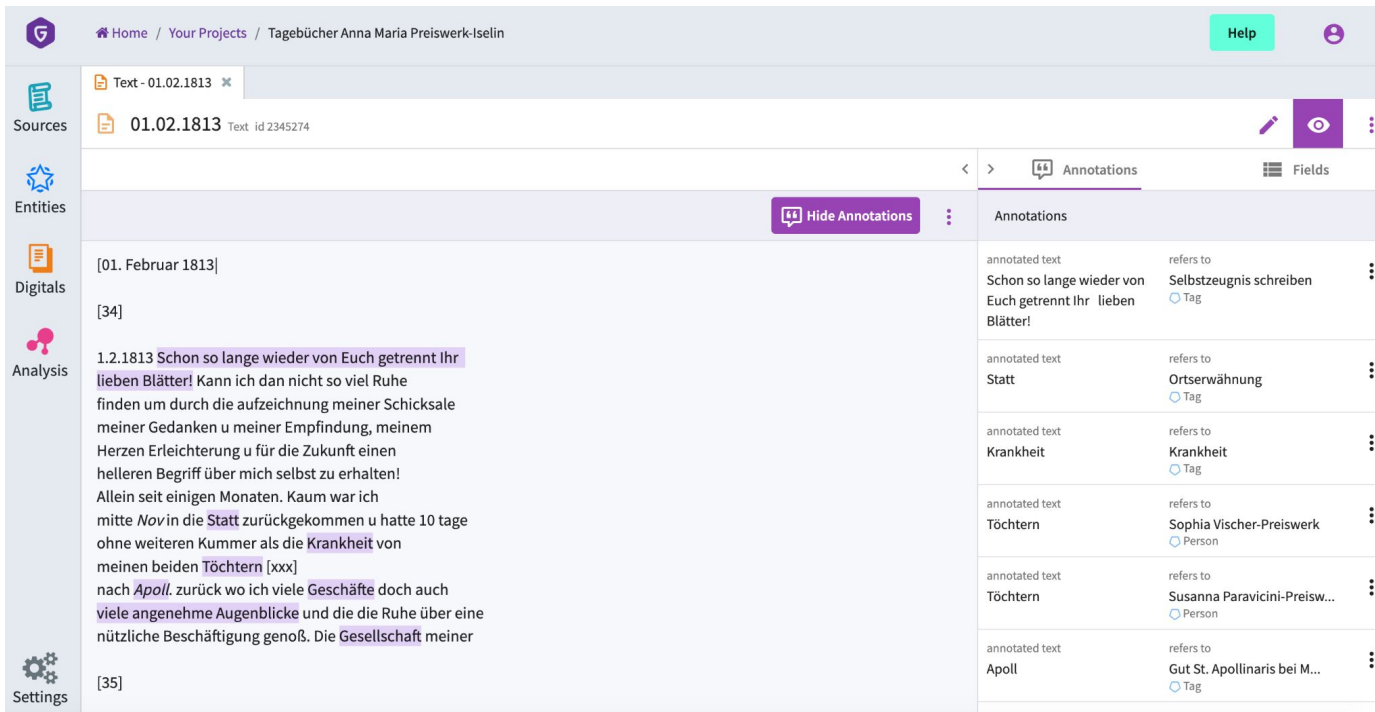
same as URI [owl:sameAs]	Born child	Time span
http://symogih.org/resour..	Accarias, Calixte	Dec 17, 1831
<small>Uniform Resource Identifier (I</small>	<small>Person</small>	

Creating Digitals



The screenshot displays the LOD4HSS interface for a digital document. The top navigation bar shows the breadcrumb path: Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin. A 'Help' button and a user profile icon are visible on the right. Below the navigation bar, there are tabs for 'Text - 01.02.1813' and 'Section - 01.02.1813'. The main content area is divided into three sections: Sources, Entities, and Digitals. The 'Sources' section shows the document title '01.02.1813' with a text ID of 2345274. The 'Entities' section shows a list of entities, including 'has short title' and 'is reproduction of'. The 'Digitals' section shows the document content, which is a handwritten letter dated 01. Februar 1813. The letter text is: [01. Februar 1813] [34] 1.2.1813 Schon so lange wieder von Euch getrennt Ihr lieben Blätter! Kann ich dan nicht so viel Ruhe finden um durch die aufzeichnung meiner Schicksale meiner Gedanken u meiner Empfindung, meinem Herzen Erleichterung u für die Zukunft einen helleren Begriff über mich selbst zu erhalten! Allein seit einigen Monaten. Kaum war ich mitte Nov in die Statt zurückgekommen u hatte 10 tage ohne weiteren Kummer als die Krankheit von meinen beiden Töchtern [xxx] nach Apoll. zurück wo ich viele Geschäfte doch auch viele angenehme Augenblicke und die die Ruhe über eine nützliche Beschäftigung genoß. Die Gesellschaft meiner [35]

Linking Everything Together



The screenshot shows the LOD4HSS interface for a project titled "Tagebücher Anna Maria Preiswerk-Iselin". The main content area displays a text document from "01.02.1813" with several annotations. The left sidebar contains navigation options: Sources, Entities, Digitals, Analysis, and Settings. The right sidebar shows a list of annotations with their types and linked entities.

Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin

Help

Text - 01.02.1813

01.02.1813 Text id 2345274

Annotations

Fields

Hide Annotations

Annotations

annotated text	refers to	Selbstzeugnis schreiben
Schon so lange wieder von Euch getrennt Ihr lieben Blätter!	Tag	
annotated text	refers to	Ortserwähnung
Statt	Tag	
annotated text	refers to	Krankheit
Krankheit	Tag	
annotated text	refers to	Sophia Vischer-Preiswerk
Töchtern	Person	
annotated text	refers to	Susanna Paravicini-Preisw...
Töchtern	Person	
annotated text	refers to	Gut St. Apollinaris bei M...
Apoll	Tag	

[01. Februar 1813]

[34]

1.2.1813 Schon so lange wieder von Euch getrennt Ihr lieben Blätter! Kann ich dan nicht so viel Ruhe finden um durch die aufzeichnung meiner Schicksale meiner Gedanken u meiner Empfindung, meinem Herzen Erleichterung u für die Zukunft einen helleren Begriff über mich selbst zu erhalten! Allein seit einigen Monaten. Kaum war ich mitte Nov in die Statt zurückgekommen u hatte 10 tage ohne weiteren Kummer als die Krankheit von meinen beiden Töchtern [xxx] nach Apoll. zurück wo ich viele Geschäfte doch auch viele angenehme Augenblicke und die die Ruhe über eine nützliche Beschäftigung genoß. Die Gesellschaft meiner

[35]

Linking Everything Together

Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin Help

Text - 01.02.1813 x Person - Susanna Paravicini-Preiswerk x

Susanna Paravicini-Preiswerk Person id 835836

- Entities**
- Digitals**
- Analysis**
- Settings**

Name	is annotated by
<p>refers to name Susanna Paravicini-Preiswe</p> <p>used in language German</p>	
<p>has definition</p> <p>4. Tochter von Anna Maria Preiswerk-Iselin</p>	
<p>was born</p> <p>Born child Susanna Paravicini-Preisw..</p> <p>stemmed from Anna Maria Preiswerk-Isel...</p> <p>Time span 1783</p>	
<p>died</p> <p>Person that died Susanna Paravicini-Preisw..</p> <p>Time span 1843</p>	
<p>is part of union</p>	

Annotations

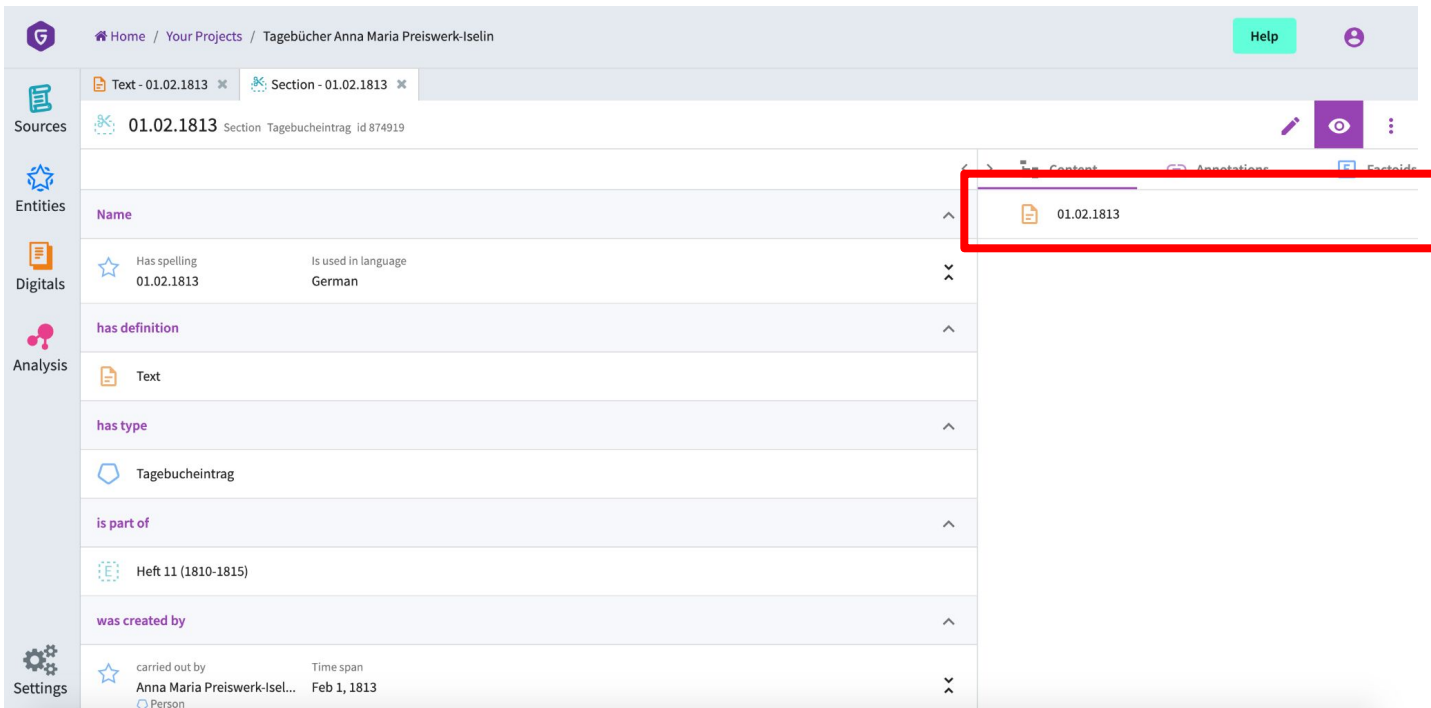
is annotated by

1 - 5 of 76

Items per page: 5

- at position
Eltern
is annotated in
29.07.1834
Text
- at position
Para
is annotated in
14.07.1834
Text
- at position
Töchter
is annotated in
24.04.1833
Text

Linking Everything Together

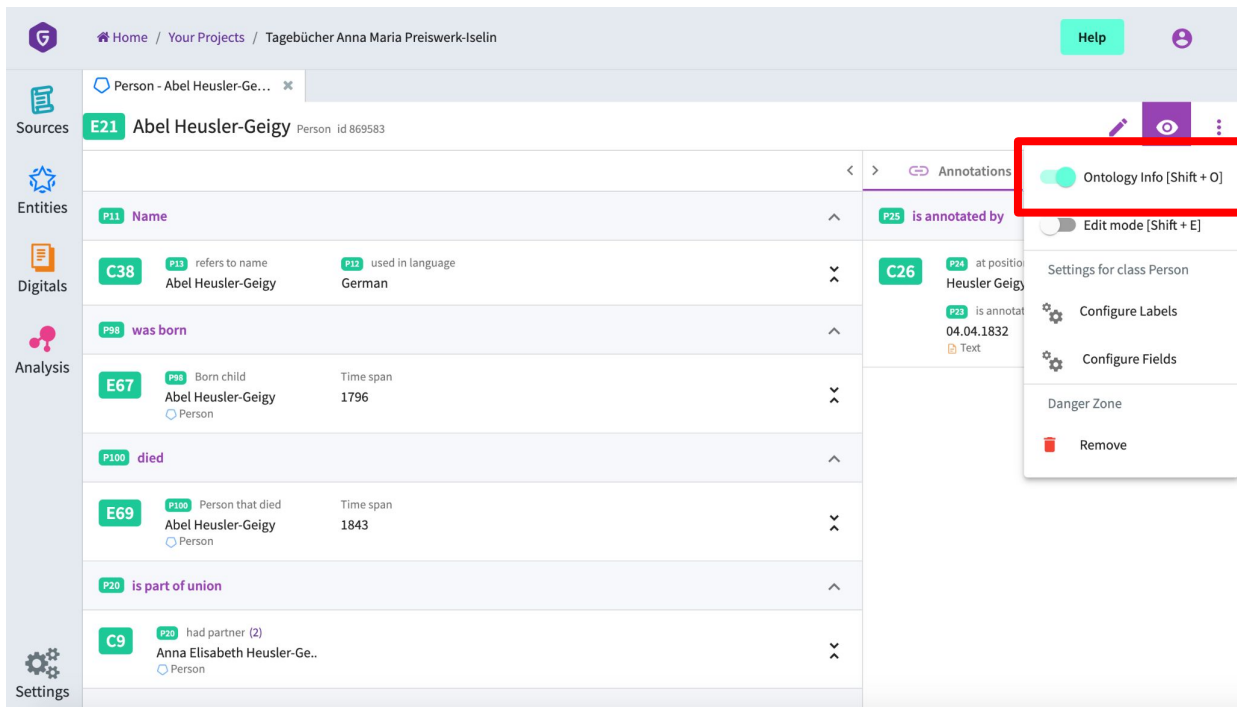


The screenshot shows a web interface for a project titled "Tagebücher Anna Maria Preiswerk-Iselin". The main content area displays a knowledge graph for the entity "01.02.1813". The graph is organized into several sections:

- Entities:** A table with one row: Name: 01.02.1813
- Digitals:** A table with one row: Has spelling: 01.02.1813, Is used in language: German
- Analysis:** A list of relationships:
 - has definition: Text
 - has type: Tagebucheintrag
 - is part of: Heft 11 (1810-1815)
 - was created by: carried out by Anna Maria Preiswerk-Isel... (Feb 1, 1813)

A red box highlights a search bar in the top right corner of the graph area, containing the text "01.02.1813".

The Ontology Behind



The screenshot displays the LOD4HSS interface for the class 'Person'. The left sidebar contains navigation options: Sources, Entities, Digitals, Analysis, and Settings. The main content area shows the ontology for 'Person' with various properties and their values. A context menu is open over the 'Annotations' section, with 'Ontology Info [Shift + O]' highlighted in a red box.

Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin

Person - Abel Heusler-Ge... ✕

Sources **E21** Abel Heusler-Geigy Person id 869583

Entities

Digitals

Analysis

Settings

Annotations

E21 is annotated by

C26 **P24** at position Heusler Geigy

P23 is annotated 04.04.1832 Text

Ontology Info [Shift + O]

Edit mode [Shift + E]

Settings for class Person

Configure Labels

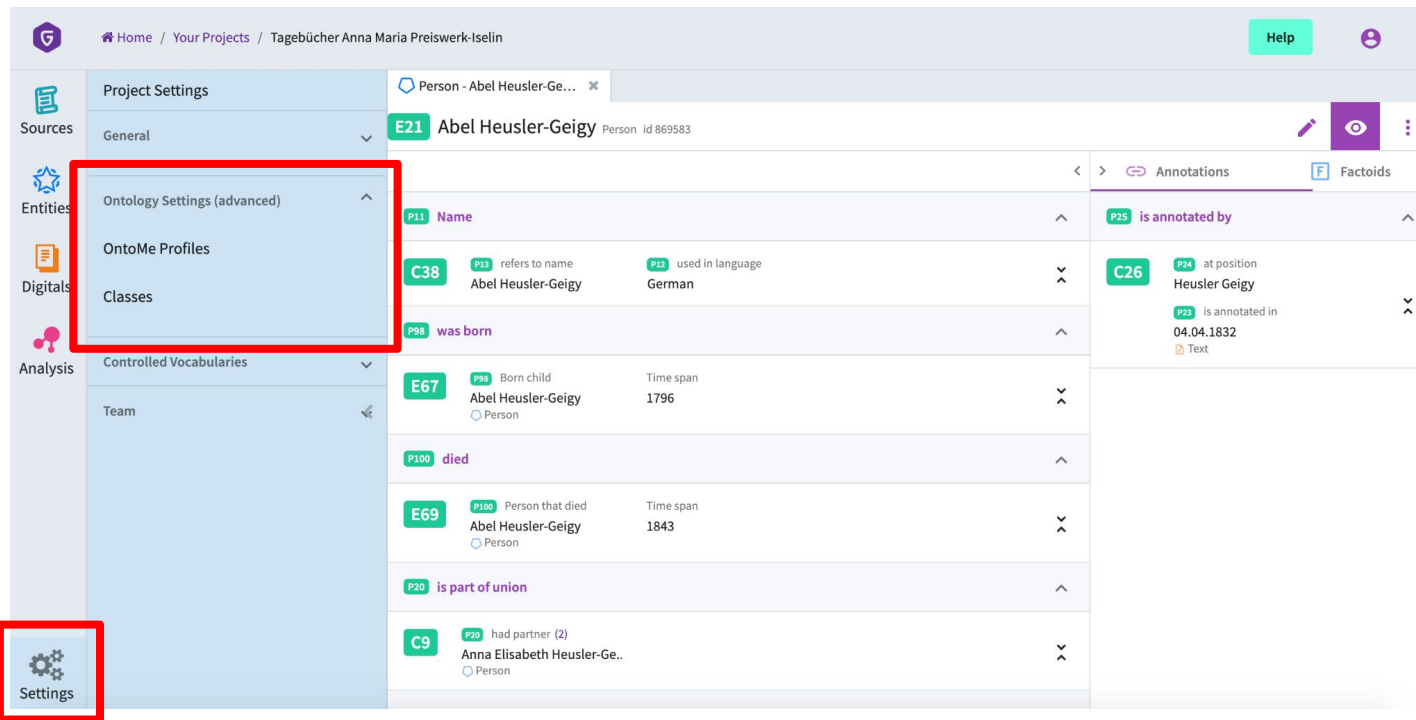
Configure Fields

Danger Zone

Remove

Property	Value	Time span
P11 Name	Abel Heusler-Geigy	
C38 P13 refers to name	Abel Heusler-Geigy	
P12 used in language	German	
P98 was born	Abel Heusler-Geigy	1796
E67 P98 Born child	Abel Heusler-Geigy	1796
P100 died	Abel Heusler-Geigy	1843
E69 P100 Person that died	Abel Heusler-Geigy	1843
P20 is part of union	Anna Elisabeth Heusler-Ge...	
C9 P20 had partner (2)	Anna Elisabeth Heusler-Ge...	

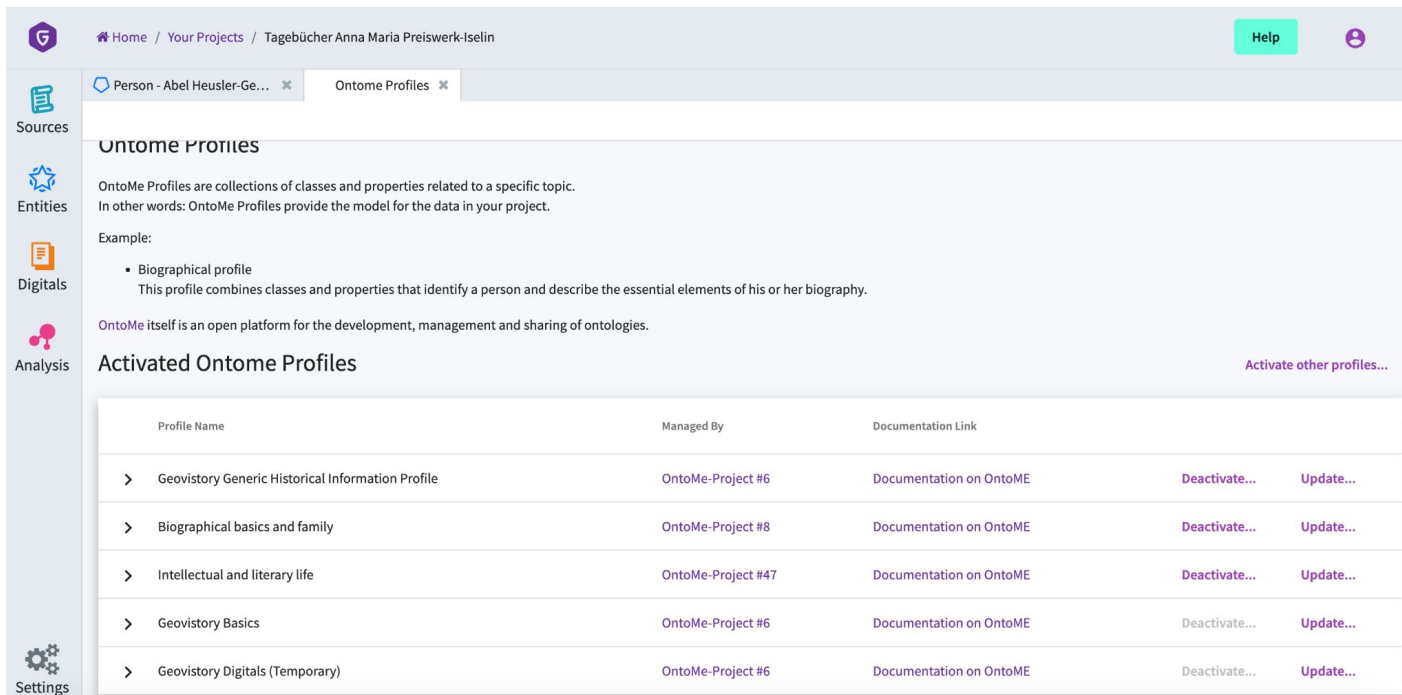
Accessing the Ontology



The screenshot shows the LOD4HSS ontology interface. The left sidebar contains a 'Settings' icon (a gear) at the bottom, which is highlighted with a red box. The main content area displays a list of entities for 'Abel Heusler-Geigy' (Person id 869583). The 'Settings' menu is also highlighted with a red box, showing options like 'Ontology Settings (advanced)', 'OntoMe Profiles', and 'Classes'. The entity list includes various properties such as 'Name', 'used in language', 'was born', 'Born child', 'died', 'Person that died', 'is part of union', and 'had partner (2)'. The right sidebar shows 'Annotations' and 'Factoids' for the selected entity.

Property	Value
P11 Name	Abel Heusler-Geigy
C38 P13 refers to name	Abel Heusler-Geigy
P12 used in language	German
P98 was born	1796
E67 P98 Born child	Abel Heusler-Geigy
P100 died	1843
E69 P100 Person that died	Abel Heusler-Geigy
P20 is part of union	Anna Elisabeth Heusler-Ge...
C9 P20 had partner (2)	Anna Elisabeth Heusler-Ge...

Activating the Ontological Profiles



The screenshot shows the 'Ontome Profiles' page in a web browser. The browser's address bar shows the URL 'Person - Abel Heusler-Ge...' and the page title 'Ontome Profiles'. The page has a navigation sidebar on the left with icons for Sources, Entities, Digitals, Analysis, and Settings. The main content area is titled 'Ontome Profiles' and contains an introductory paragraph, an example of a biographical profile, and a section for 'Activated Ontome Profiles'. This section includes a table with five rows, each representing a profile with columns for Profile Name, Managed By, and Documentation Link. Each row also has 'Deactivate...' and 'Update...' buttons. A link 'Activate other profiles...' is located to the right of the table.

Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin

Help

Person - Abel Heusler-Ge... x Ontome Profiles x

Ontome Profiles

OntoMe Profiles are collections of classes and properties related to a specific topic. In other words: OntoMe Profiles provide the model for the data in your project.

Example:

- Biographical profile
This profile combines classes and properties that identify a person and describe the essential elements of his or her biography.

OntoMe itself is an open platform for the development, management and sharing of ontologies.

Activated Ontome Profiles

[Activate other profiles...](#)

Profile Name	Managed By	Documentation Link		
> Geovistory Generic Historical Information Profile	OntoMe-Project #6	Documentation on OntoME	Deactivate...	Update...
> Biographical basics and family	OntoMe-Project #8	Documentation on OntoME	Deactivate...	Update...
> Intellectual and literary life	OntoMe-Project #47	Documentation on OntoME	Deactivate...	Update...
> Geovistory Basics	OntoMe-Project #6	Documentation on OntoME	Deactivate...	Update...
> Geovistory Digitals (Temporary)	OntoMe-Project #6	Documentation on OntoME	Deactivate...	Update...

Fine Tuning

Home / Your Projects / Tagebücher Anna Maria Preiswerk-Iselin Help

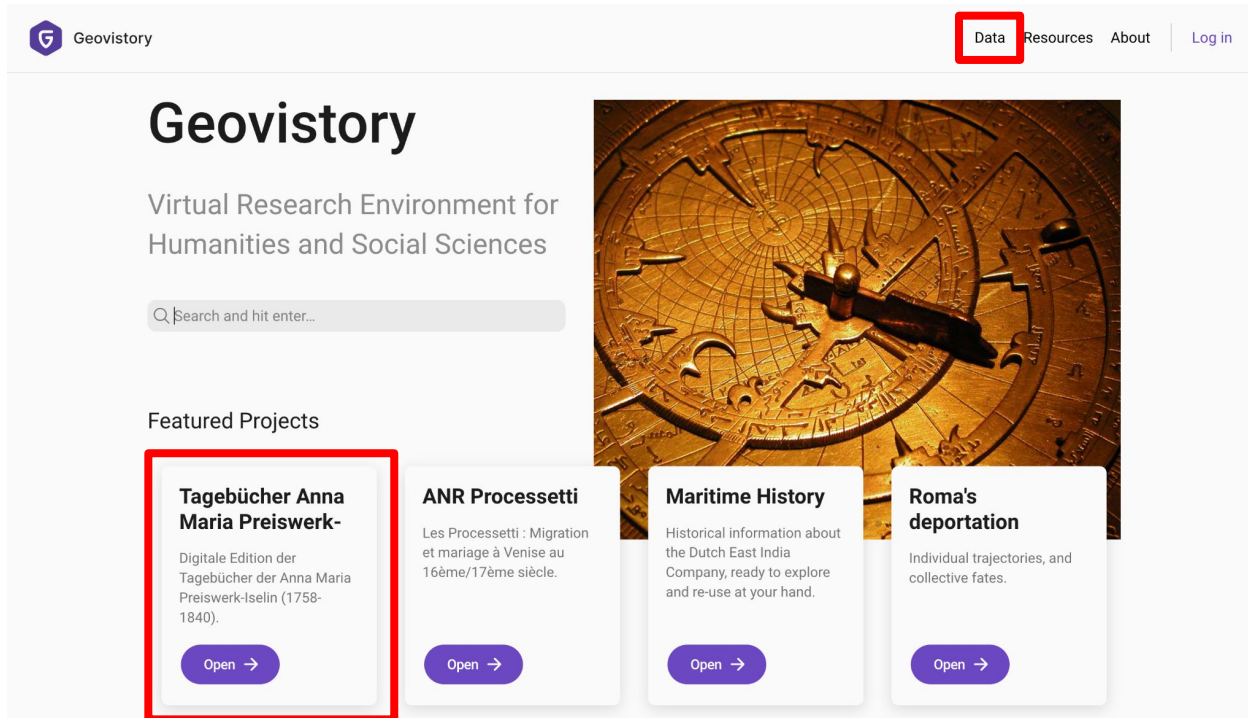
Person - Abel Heusler-Ge... Settings > Classes

Classes used in your project Show Basic Classes Filter

Category	In add menu	Class	Persistent / Temporal	OntoMe Definition	OntoMe Profiles	Types	Configuration
entities	<input type="checkbox"/>	Activity Type 332	<input type="radio"/> Persistent	C3	1 Profiles	Open Controlled Vocabulary	Configure class
entities	<input type="checkbox"/>	Argument's method 459	<input type="radio"/> Persistent	C13	1 Profiles	Open Controlled Vocabulary	Configure class
entities	<input type="checkbox"/>	Asserted Actor's Role 867	<input type="radio"/> Persistent	C9	2 Profiles		Configure class
entities	<input type="checkbox"/>	Asserted Datation 1150	<input type="radio"/> Persistent	C13	1 Profiles		Configure class
entities	<input type="checkbox"/>	Asserted Datation Type 1295	<input type="radio"/> Persistent	C14	1 Profiles	Open Controlled Vocabulary	Configure class
entities	<input type="checkbox"/>	Belonging to a Physical Collection 872	<input checked="" type="radio"/> Temporal	C27	1 Profiles		Configure class
entities	<input type="checkbox"/>	Bibliographic Citation 870	<input type="radio"/> Persistent	C10	1 Profiles		Configure class
sources	<input checked="" type="checkbox"/>	Bibliographical Record 219	<input type="radio"/> Persistent	F3	3 Profiles		Configure class
entities	<input checked="" type="checkbox"/>	Birth 61	<input checked="" type="radio"/> Temporal	E67	2 Profiles		Configure class
entities	<input type="checkbox"/>	Citation Style 871	<input type="radio"/> Persistent	C11	1 Profiles	Open Controlled Vocabulary	Configure class
entities	<input type="checkbox"/>	Collection Type 873	<input type="radio"/> Persistent	C26	1 Profiles	Open Controlled Vocabulary	Configure class

Data Publication

Data Publication



The screenshot shows the Geovistory website. At the top left is the Geovistory logo. At the top right, there is a navigation menu with 'Data', 'Resources', 'About', and 'Log in'. The 'Data' link is highlighted with a red box. Below the navigation is the main header with the title 'Geovistory' and the subtitle 'Virtual Research Environment for Humanities and Social Sciences'. A search bar is present with the placeholder text 'Search and hit enter...'. Below the search bar is a section titled 'Featured Projects' which contains four project cards. The first card, 'Tagebücher Anna Maria Preiswerk-', is highlighted with a red box. The other cards are 'ANR Processetti', 'Maritime History', and 'Roma's deportation'. Each card has a description and an 'Open' button with a right-pointing arrow.

Geovistory

Data Resources About Log in

Geovistory

Virtual Research Environment for
Humanities and Social Sciences

Search and hit enter...

Featured Projects

Tagebücher Anna Maria Preiswerk-

Digitale Edition der
Tagebücher der Anna Maria
Preiswerk-Iselin (1758-
1840).

Open →

ANR Processetti

Les Processetti : Migration
et mariage à Venise au
16ème/17ème siècle.

Open →

Maritime History

Historical information about
the Dutch East India
Company, ready to explore
and re-use at your hand.


Open →

**Roma's
deportation**

Individual trajectories, and
collective fates.

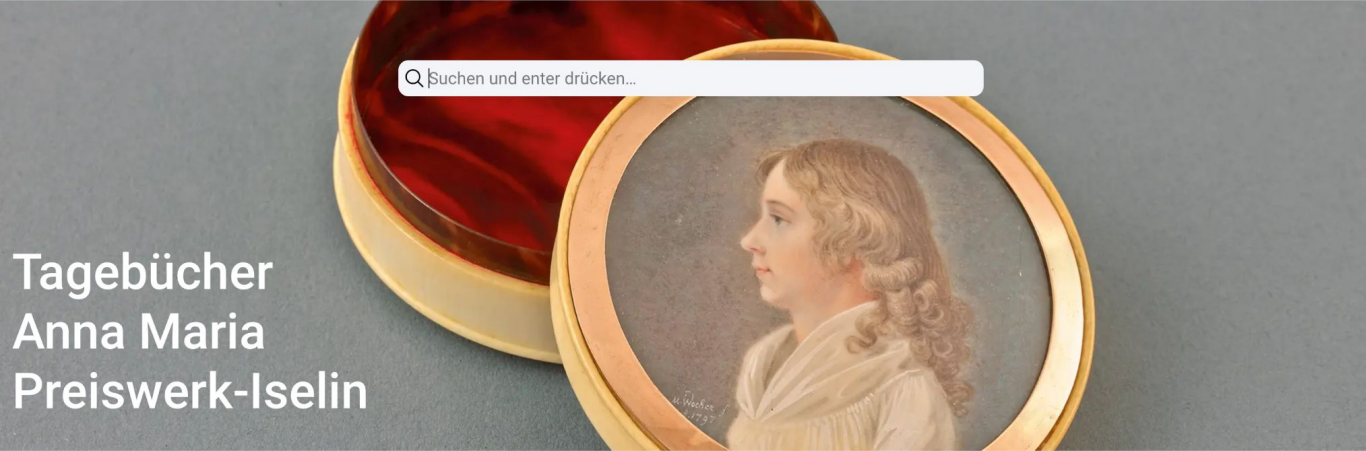
Open →

Project Page

 Tagebücher Anna Maria Preiswerk-Iselin

Edition SPARQL OntoExplorer Sparklis Search

Suchen und enter drücken...



Tagebücher Anna Maria Preiswerk-Iselin

Digitale Edition der Tagebücher der Anna Maria Preiswerk-Iselin,
verfasst zwischen 1795 und 1839 (etwa 1200 Seiten).

Die Edition umfasst Texte sowie strukturierte Daten zu Personen, Orten,

Shared Data Storage



Geovistory Data Community Docs About | [Log in](#)

Data. Open and FAIR

Created by the Geovistory Community

Tools

SPARQL client

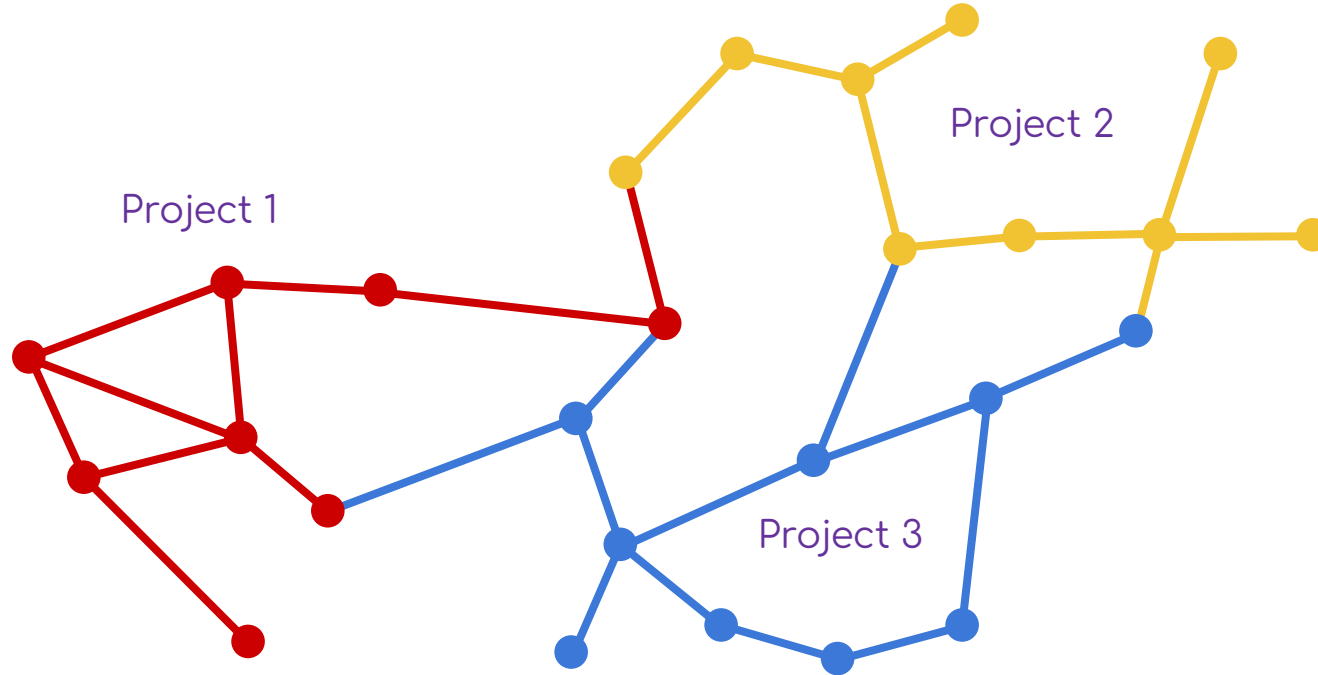
```
4 WHERE {  
5   ?s a ontomerc21 .  
6   ?s rdfs:label ?label .
```

Sparklis

give me every **Person** whose **gender** is **Maschile**

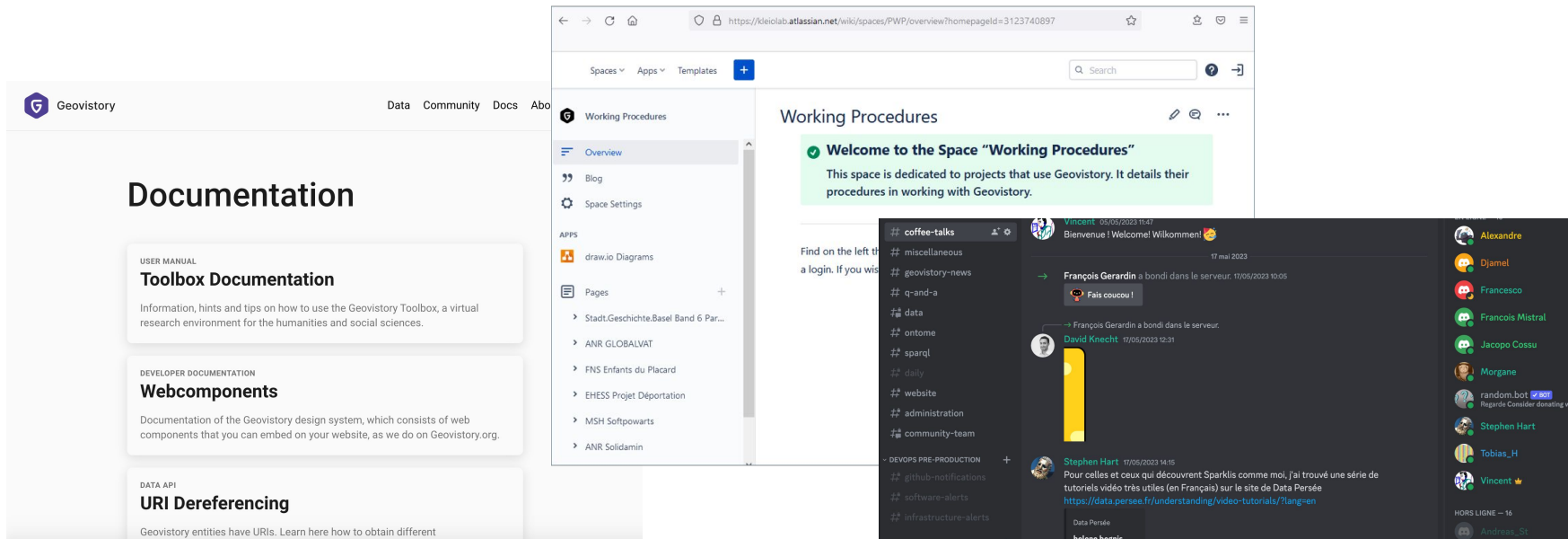
Sparklis suggestions to refine your query

Geovistory integrated data repository



Geovistory Community

Many Platforms



The image shows two overlapping screenshots. The left one is a web browser displaying the Geovistory documentation page. The right one is a Discord chat window for the #coffee-talks channel.

Geovistory Documentation

Documentation

USER MANUAL

Toolbox Documentation

Information, hints and tips on how to use the Geovistory Toolbox, a virtual research environment for the humanities and social sciences.

DEVELOPER DOCUMENTATION

Webcomponents

Documentation of the Geovistory design system, which consists of web components that you can embed on your website, as we do on Geovistory.org.

DATA API

URI Dereferencing

Geovistory entities have URIs. Learn here how to obtain different

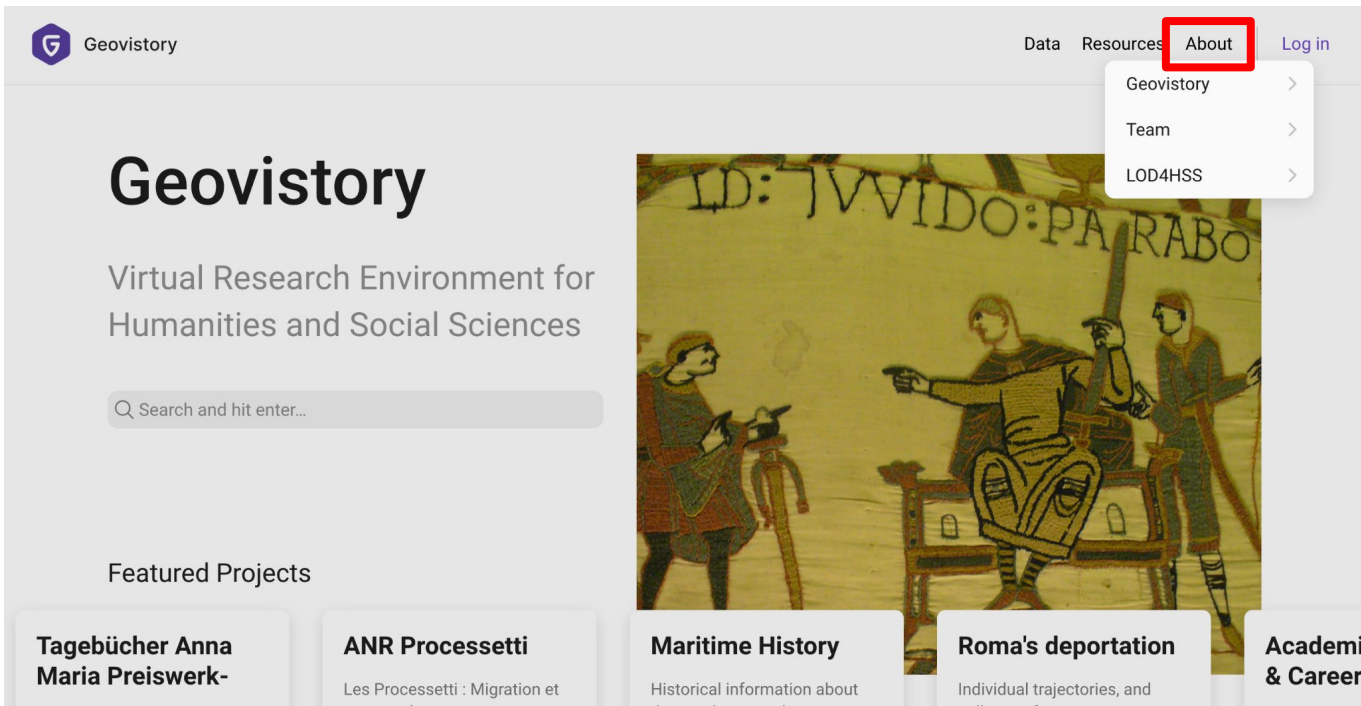
Discord Channel: #coffee-talks

Messages:

- Vincent (05/05/2023 11:41): Bienvenue ! Welcome! Willkommen! 🍷
- François Gerardin (17/05/2023 10:05): Fais coucou !
- François Gerardin (17/05/2023 14:15): Pour celles et ceux qui découvrent Sparklis comme moi, j'ai trouvé une série de tutoriels vidéo très utiles (en Français) sur le site de Data Persée <https://data.persée.fr/understanding/video-tutorials/?lang=en>
- helene bagnis (17/05/2023 14:15): Video Tutorials
- Stephen Hart (17/05/2023 14:15): Sadly the videos are not in english, and haven't found a way to have subtitles

Documentation and Discord channels

If you want to know more...



Geovistory

Data Resources **About** Log in

Geovistory >
Team >
LOD4HSS >


Geovistory

Virtual Research Environment for
Humanities and Social Sciences

Q Search and hit enter...

Featured Projects

- Tagebücher Anna Maria Preiswerk-**
- ANR Processetti**
Les Processetti : Migration et
- Maritime History**
Historical information about
- Roma's deportation**
Individual trajectories, and
- Academi & Career**



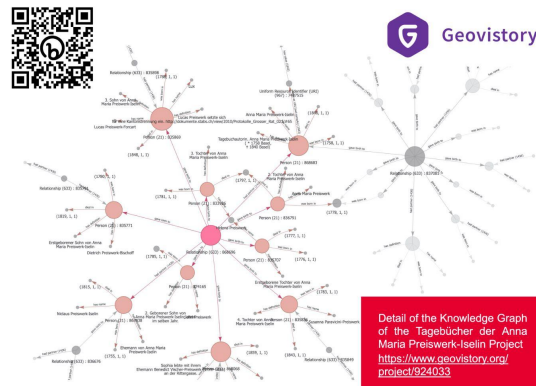
If you want to know more...



Linked Open Data in Dialogue

November 15, 2023

http://bit.ly/dialogue_2023



15.11.2023, 501/Kuppelraum, Hochschulstrasse 4, 3012 Bern

Registration and further information : bit.ly/dialogue_2023

Linked Open Data in Dialogue

Linked Open Data allows research data to be linked and made interoperable, so that researchers can take full advantage of each other's work and build collaborative science together. The Humanities benefit greatly from joining the effort and bringing together research data in shared graphs, with the help of initiatives such as Geovistory. The aim of the event is to connect and critically discuss the processes and the different perspectives of Linked Open Data for the Humanities, based on experiences with Geovistory and other projects.