

Modéliser, produire, explorer, publier des données FAIR : **OntoME et Geovistory** un environnement virtuel de recherche pour les SHS

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Atelier Digit Hum 2024 – Paris, CAPHÈS
3 Octobre 2024



Geovistory



UMR 5190
LABORATOIRE DE RECHERCHE
HISTORIQUE RHÔNE-ALPES



^b
UNIVERSITÄT
BERN



Partenaires des projets de recherche



Partenaires projet



LOD4HSS
Linked Open Data for the
Humanities & Social Sciences



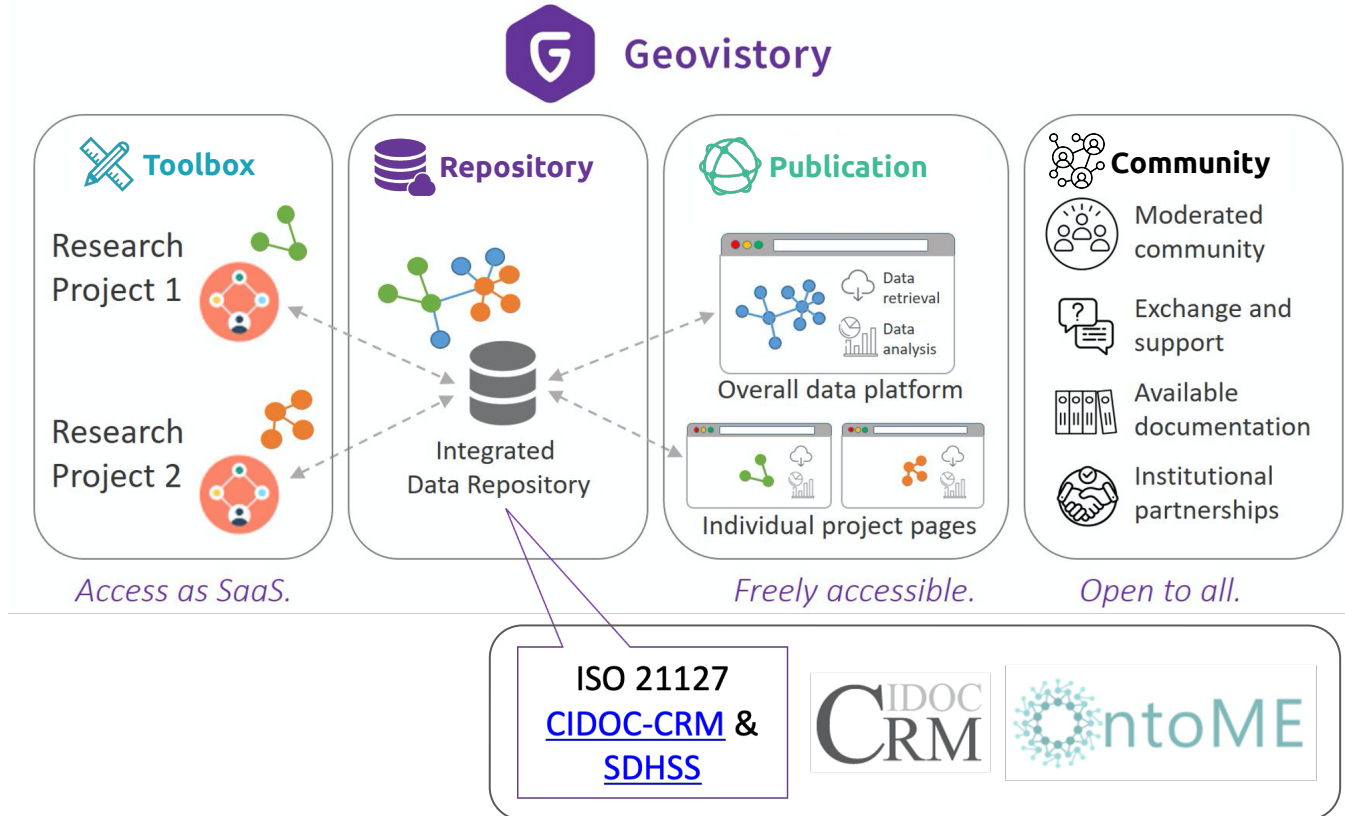
OntoME est une application en ligne: <https://ontome.net>

C'est un lieu unique géré collaborativement pour développer des ontologies et des profils d'application.

OntoME est développé et maintenu par l'Axe de recherche en histoire numérique du LARHRA dans le cadre du projet Geovistory.



Geovistory





1. La *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

Analysis

Analyse your data, create beautiful data visualization and gain insights



Settings

Settings

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

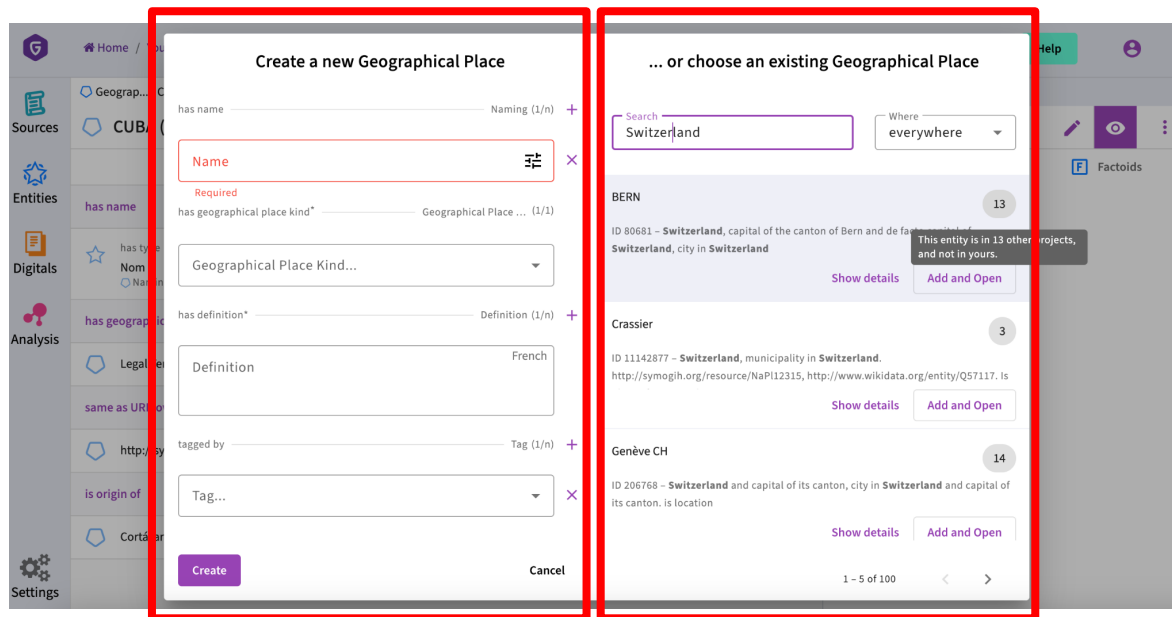
The screenshot shows the Geovistory toolbox interface. The browser address bar displays <https://toolbox.geovistory.org/>. The page title is "Susanna Paravicini-Preiswerk" (Person id 835836). The interface is divided into several sections:

- Sources:** Shows a list of sources, including "Text - 01.02.1813" and "Person - Susanna Paravicini-Preiswerk".
- Entities:** Displays the entity "Susanna Paravicini-Preiswerk" with various properties and relationships.
- Digitals:** Shows a list of digitals, including "4. Tochter von Anna Maria Preiswerk-Iselin".
- Analysis:** Displays analysis results, including "Born child" and "died" events.
- Settings:** Shows settings for the entity, including "is part of union".

The right sidebar contains "Annotations" and "Factoids" sections. The "Annotations" section shows a list of annotations, including "is annotated by" and "at position Eltern". The "Factoids" section shows a list of factoids, including "at position Para" and "at position Töchter".

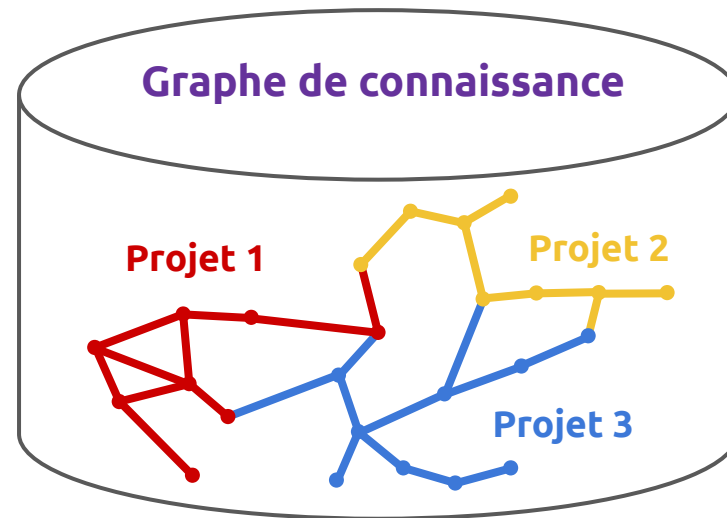


2. Un entrepôt unique



Un projet spécifique...

...accès à l'ensemble du
graphe de connaissance.





3. Gestion des ontologies dans OntoME

The screenshot shows the OntoME web interface. At the top, there is a navigation bar with 'Home', 'Classes', 'Properties', 'Namespaces', 'Projects', 'Profiles', 'Search', 'User guide', and 'Submit feedback'. A 'LOGIN' button is also present. Below the navigation bar, the 'Classes tree' is displayed for the class 'E60 Number (#968)'. The tree shows a hierarchy starting from 'owl:Thing' and branching into various subclasses like 'E1 CRM Entity', 'E2 Temporal Entity', 'E3 Condition State', etc. A search bar and a 'Reset' button are also visible.

OntoME est un environnement de gestion d'ontologies

The screenshot shows a WebVOWL visualization of an ontology profile. The main area displays a complex network of nodes and relationships, representing the ontology's structure. The nodes are color-coded and connected by labeled edges. On the right side, there is a sidebar with a title 'Activity - Participation Detailed ongoing' and several sections: 'Version: --', 'Author(s): Author One, Author Two', 'Language: [dropdown]', 'Description', 'Metadata', 'Statistics', and 'Selection Details'.

À quoi peut vous servir OntoME?

- À découvrir et explorer les ontologies.
- À créer et gérer des classes et des propriétés dans des espaces de noms spécifiques.
- À étendre ou des modèles existants.
- À créer et gérer des profils d'application.
- À exporter vos modèles en docx, rdfs, owl-dl ou en utilisant l'API intégrée.

Conceptual Object – E28

CIDOC CRM version 7.1.3 Published

[Summary](#)
[Identification](#)
[Definition](#)
[Properties](#)
[Namespaces](#)
[Hierarchy](#)
[Relations](#)
[Profiles](#)
[Graph](#)
[Comments](#) 0

E28 Conceptual Object

Subclass of: [crm:E71 Human-Made Thing](#)

Superclass of: [crm:E55 Type](#)
[crm:E89 Propositional Object](#)
[crm:E90 Symbolic Object](#)

Scope note: This class comprises non-material products of our minds and other human produced data that have become objects of a discourse about their identity, circumstances of creation or historical implication. The production of such information may have been supported by the use of technical devices such as cameras or computers.

Characteristically, instances of this class are created, invented or thought by someone, and then may be documented or communicated between persons. Instances of E28 Conceptual Object have the ability to exist on more than one particular carrier at the same time, such as paper, electronic signals, marks, audio media, paintings, photos, human memories, etc.

They cannot be destroyed. They exist as long as they can be found on at least one carrier or in at least one human memory. Their existence ends when the last carrier and the last memory are lost.

Examples: [Maxwell's equations \(E89\)](#) [This is the propositional content of the equations proper, independent of any particular notation or mathematical formalism.] (Ball, 1962)

[Explanation note: In the following examples we illustrate the distinction between a propositional object, its names and its encoded forms. The Maxwell equations (Ball, 1962) are a good example, because they belong to the fundamental laws of physics and their mathematical content yields identical, unambiguous results regardless formulation and encoding.]

“Maxwell equations” (E41) [preferred subject access point from LCSH, <http://lcn.loc.gov/sh85082387>, accessed 18th April 2021. This is only the name for the Maxwell equations as standardized by the Library of Congress and not the equations themselves.]

“Equations, Maxwell” (E41) [variant subject access point from LCSH, <http://lcn.loc.gov/sh85082387>, accessed 18th April 2021. This is another name for the equation standardized by the Library of Congress and not the equations themselves.]

The encoding of Maxwells equations as in <https://upload.wikimedia.org/wikipedia/commons/c/c4/Maxwell%27sEquations.svg> (E73) [accessed 18th April 2021. This is one possible symbolic encoding of the propositional content of the equations.]

Beethoven's “Ode an die Freude” (Ode to Joy) (E73) (Kershaw, 1999)

the definition of “ontology” in the Oxford English Dictionary (E73) (Oxford University Press, 1989)

the knowledge about the victory at Marathon carried by the famous runner (E89) (Lagos & Karyanos, 2020)

In First Order Logic: $E28(x) \Rightarrow E71(x)$

Incoming properties: [crm:E65 Creation](#) → [crm:P94 has created \(was created by\)](#) (1,1:n)

Tout d'un
coup d'œil

À la découverte des classes

Conceptual Object – E28

CIDOC CRM version 7.1.3 Published

[Summary](#)
[Identification](#)
[Definition](#)
[Properties](#)
[Namespaces](#)
[Hierarchy](#)
[Relations](#)
[Profiles](#)
[Graph](#)
[Comments](#) 0

Outgoing properties (this class is domain)

Show entries

Search:

Domain	Property identifier	Range	Namespace
No data available in table			

Showing 0 to 0 of 0 entries

Outgoing properties (inherited from ancestors)

Show entries

Search:

Domain	Property identifier	Range	Namespace
E28 Conceptual Object (is a E1 CRM Entity)	crm:P1 is identified by (identifies)	E41 Appellation	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E1 CRM Entity)	crm:P2 has type (is type of)	E55 Type	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E1 CRM Entity)	crm:P3 has note	E62 String	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E1 CRM Entity)	crm:P48 has preferred identifier (is preferred identifier of)	E42 Identifier	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E1 CRM Entity)	crm:P137 exemplifies (is exemplified by)	E55 Type	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E70 Thing)	crm:P43 has dimension (is dimension of)	E54 Dimension	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E70 Thing)	crm:P101 had as general use (was use of)	E55 Type	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E70 Thing)	crm:P130 shows features of (features are also found on)	E70 Thing	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E71 Human-Made Thing)	crm:P102 has title (is title of)	E35 Title	CIDOC CRM version 7.1.3
E28 Conceptual Object (is a E71 Human-Made Thing)	crm:P103 was intended for (was intention of)	E55 Type	CIDOC CRM version 7.1.3

Propriétés héritées

À la découverte des classes

Conceptual Object – E28

CIDOC CRM version 7.1.3 Published

Summary Identification Definition Properties Namespaces **Hierarchy** Relations Profiles Graph Comments 0

Parent classes i

Show 25 entries

Search:

Class	Class namespace	Relation defined in	Justification	View details	Edit	Delete	Comments
E71 Human-Made Thing	CIDOC CRM version 7.1.3	CIDOC CRM version 7.1.3		i			0

Showing 1 to 1 of 1 entries

Previous **1** Next

Ancestor classes

Show 25 entries

Search:

Class	Depth	Class namespace	Via
E70 Thing	2	CIDOC CRM version 7.1.3	E71
E77 Persistent Item	3	CIDOC CRM version 7.1.3	E71 - E70
E1 CRM Entity	4	CIDOC CRM version 7.1.3	E71 - E70 - E77
Thing	5	OntoME internal model - active version	E71 - E70 - E77 - E1

Showing 1 to 4 of 4 entries

Previous **1** Next

Child and descendant classes

Show 25 entries

Search:

Class	Depth	Class namespace	Via
E55 Type	1	CIDOC CRM version 7.1.3	
E89 Propositional Object	1	CIDOC CRM version 7.1.3	
E90 Symbolic Object	1	CIDOC CRM version 7.1.3	
E30 Right	2	CIDOC CRM version 7.1.3	E89

Hiérarchie des classes

CIDOC CRM official and stable versions:

5.04 – 6.2 – 7.1.3

CIDOC CRM 6.2 compatible models:

CRMarcheo 1.4.1

CRMba 1.4

CRMdig 3.2.1

CRMgeo 1.2

CRMinf 0.7

CRMsci 1.2.3

FRBRoo 2.4 + PRESSoo 1.2

CIDOC CRM 7.1.3 compatible models:

CRMarcheo 2.1.1

CRMdig 4.0

CRMinf 1.0

CRMsci 2.0

CRMtex 2.0

LRMoo 1.0

SDHSS ongoing versions:

SDHSS core

SDHSS social, legal and economic life

SDHSS CIDOC CRM supplement

SDHSS Education

...

Many other models:

CRMaaa

CRMcpm

DOREMUS

...

Créer et gérer des classes et des propriétés

SDHSS Education, Higher Education and Academies

[Summary](#)[Identification](#)[Definition](#)[Hierarchy](#)[Namespaces](#)[Profiles](#)[Vocabulary](#)[Members](#)

SDHSS Education, Higher Education and Academies

Description:

This project covers the domain of education, higher education and academies.

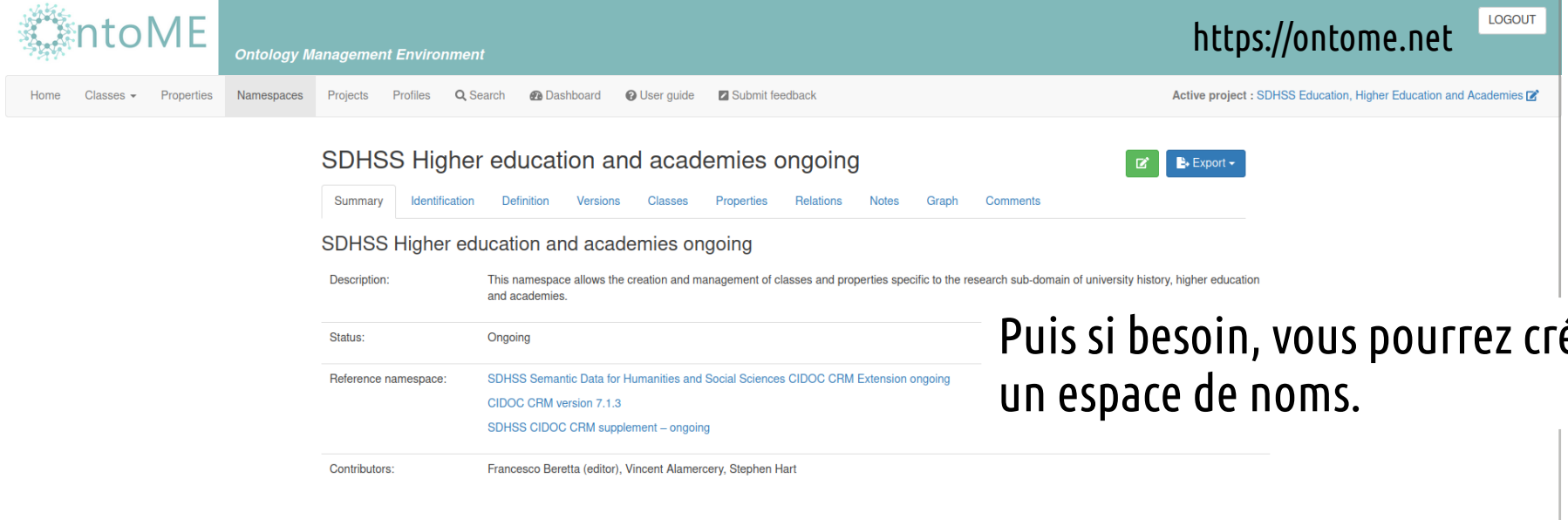
Education is the process of facilitating learning, or the acquisition of knowledge, skills, values, morals, beliefs, and habits (Wikipedia). It is often carried out since childhood, under the guidance of teachers and pedagogues and/or in dedicated institutions.

Higher education is the domain of education given in postsecondary institutions of learning and usually affording, at the end of a course of study, a degree or certificate of higher studies. Higher education not only includes universities and colleges but also various professional schools, institutes of technology, etc.

This domain is strongly related to the one of academies, societies of learned individuals organized to advance art, science, literature, etc. Some academies also provide teaching and studies curricula.

La première étape est de créer un projet pour gérer votre espace de noms, vos profils et vos collaborateurs.

Créer et gérer des classes et des propriétés



The screenshot shows the OntoME web interface. At the top, there is a teal header with the 'ontoME' logo on the left, the text 'Ontology Management Environment' in the center, and the URL 'https://ontome.net' on the right next to a 'LOGOUT' button. Below the header is a navigation bar with links for Home, Classes, Properties, Namespaces, Projects, Profiles, Search, Dashboard, User guide, and Submit feedback. The main content area displays the 'SDHSS Higher education and academies ongoing' namespace page. It includes a 'Summary' tab and an 'Export' button. The page content shows the namespace description, status (Ongoing), reference namespace (SDHSS Semantic Data for Humanities and Social Sciences CIDOC CRM Extension ongoing), and contributors (Francesco Beretta, Vincent Alamercery, Stephen Hart).

Puis si besoin, vous pourrez créer un espace de noms.

MENU

- [Classes list](#)
- [Properties list](#)
- [Namespaces list](#)
- [Project list](#)
- [Profiles list](#)
- [User guide](#)

ABOUT

[The Data for History Consortium](#)
[Terms of Service](#)
[Sitemap](#)

CREDITS

OntoME is a [LARHRA](#) application, developed and maintained by the [Digital History Research Team](#) as part of the [Geovistory](#) initiative.



CONTACT US

E-mail : contact@ontome.net

Créer et gérer des classes et des propriétés

CRMdig

[Summary](#)[Identification](#)[Definition](#)[Hierarchy](#)[Namespaces](#)[Profiles](#)[Vocabulary](#)[Members](#)

Root namespace

This project manages the [CRMdig: An Extension of CIDOC CRM to support provenance metadata](#) namespace.

Ongoing namespace: [CRMdig v 4.0 ongoing](#)

Published versions

Show entries

Namespace

[CRMdig version 3.2.1](#)[CRMdig version 4.0](#)

Showing 1 to 2 of 2 entries

Un espace de noms consiste en un espace de haut niveau et un espace ongoing qui va accueillir vos classes et propriétés.

Un espace ongoing peut ensuite être publié dans une version fermée. Il est possible d'avoir autant de versions publiées que souhaité.

Study – C2

SDHSS Higher education and academies ongoing Ongoing ▾

🚫 This class does not yet have the minimum number of validated parts required for publication.

[Summary](#) [Identification](#) [Definition](#) [Properties](#) [Namespaces](#) [Hierarchy](#) [Relations](#) [Profiles](#) [Graph](#) [Comments 1](#)

C2 Study

Subclass of: [sdh:C99 Epistemic Phase of a Physical Thing](#)

Scope note: A person's learning activity during a given time-span at a school, college or university. This class is modelled as an epistemic phase, i.e. as a set of coherent, observable activities related to the general occupation of studying at one, and only one, education institution.

Examples: In 1949, Serge Moscovici studied psychology at the Institut de psychologie in Paris.

In First Order Logic: $C2(x) \Rightarrow C99(x)$

Outgoing properties:
[sdh-edu:P1 is study at \(institution of study of\) → crm:E74 Group](#)
[sdh-edu:P2 is the study by \(carries out\) → crm:E21 Person](#)
[sdh-edu:P12 is study of \(is studied in\) → sdh-edu:C5 Academic discipline](#)

Créez vos classes et propriétés...

Créer et gérer des classes et des propriétés

Search: **Study**

Study

Lexeme(s): 'studi'

Show entries Filter:

Type	Entity Type	Entity	Text	Namespace
Scope note	Class	A1312_Mechanism	*A mechanism is the association of several parts linked together by physical contacts that make them totally <input type="button" value="+ Read more"/>	ANY-ARTEFACT-V.1 ongoing
Scope note	Class	U1 - Archaeological Survey	This class comprises any coherent set of systematic research activities aimed at recording the presence and <input type="button" value="+ Read more"/>	CRMSurv ongoing
Scope note	Class	U1 - Archaeological Survey	This class comprises any coherent set of systematic research activities aimed at recording the presence and <input type="button" value="+ Read more"/>	CRMSurv 1.1
Example	Class	S17 - Physical Genesis	• the desertification process that resulted in the spatial distribution of 'tiger bush' pattern on the <input type="button" value="+ Read more"/>	CRMsci version 2.0
Description	Class	C26 - Representations	This way of modelling social representations is inspired by the notion of 'description' in the <i>Descriptions and</i> <input type="button" value="+ Read more"/>	SDHSS Semantic Data for Humanities and Social Sciences CIDOC CRM Extension ongoing
Scope note	Class	C3 - Obtaining a Study Title	As a specialisation of the Actor's Legal Quality Acquisition class, the present class models the fact that a <input type="button" value="+ Read more"/>	SDHSS Higher education and academies ongoing
Example	Class	C2 - Study	In 1949, Serge Moscovici studied psychology at the Institut de psychologie in Paris. <input type="button" value="+ Read more"/>	SDHSS Higher education and academies ongoing

...si et seulement si elles n'existent pas déjà dans un autre modèle de référence.

Un profil est un ensemble cohérent de classes et de propriétés de différents espaces de noms développé pour une application spécifique.

Education ongoing

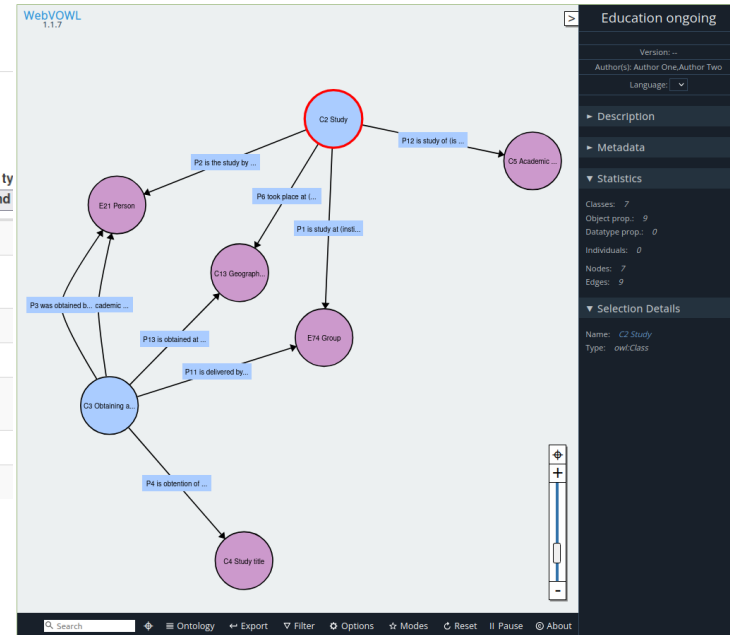
Summary Identification Definition Versions Namespaces **Classes** Properties Projects Graph

Associated classes

Show entries

Identifier	Class label	Namespace	Association type
C2	Study	SDHSS Higher education and academies ongoing	Selected
C3	Obtaining a Study Title	SDHSS Higher education and academies ongoing	Selected
C4	Study title	SDHSS Higher education and academies ongoing	Inferred
C5	Academic discipline	SDHSS Higher education and academies ongoing	Inferred
C13	Geographical Place	SDHSS Semantic Data for Humanities and Social Sciences CIDOC CRM Extension ongoing	Inferred
E21	Person	CIDOC CRM version 6.2	Inferred
E74	Group	CIDOC CRM version 6.2	Inferred

Showing 1 to 7 of 7 entries (filtered from 8 total entries)



Utiliser des profils existants

Ontology Management <https://ontome.net> LOGIN

Home Classes Properties Namespaces Projects

Profiles

Show 50 entries

- Profile
- [DO NOT USE] Test profile
- Activities - Collecte
- Activity - Classification
- Activity - Indirect Participation
- Activity - Participation Detailed
- Activity - Participation Light
- Activity - Quantifiable Quality
- Actor - Joining and Leaving
- Actor - Legal Location
- Actor - Membership
- Animal - Biological classification
- ANR Processetti
- Any-Artefact SwingBridge
- Any-Artefact-Core LabInVirtuo
- Archaeological excavations
- archival reference
- ArtandArchHist

SDHSS - Microprofiles

Processetti

Lab In Virtuo

Lab In Virtuo

SDHSS Archeological excavat

MicroprofilHistory

CRM for Art and Architectural

Actor - Joining and Leaving ongoing

Summary Identification Definition Versions Namespaces **Classes** Properties Projects Graph

Associated classes

Show 25 entries Search:

Identifier	Class label	Namespace	Association type	View customization
E21	Person	CIDOC CRM version 6.2	Selected	
E74	Group	CIDOC CRM version 6.2	Selected	
E85	Joining	CIDOC CRM version 6.2	Selected	
E86	Leaving	CIDOC CRM version 6.2	Selected	

Showing 1 to 4 of 4 entries Previous 1 Next

Search:

Last updated
2023-10-11
2024-07-30
2024-08-15
2024-08-14

Actor - Joining and Leaving ongoing

Summary Identification Definition Versions Namespaces **Classes** Properties Projects Graph

Associated properties

Show 25 entries Search:

Domain	Identifier	Property label	Range	Namespace	Association type	View customization
crm:E85 Joining (0, n)	P143	joined (was joined by)	(1, n)	crm:E74 Group	CIDOC CRM version 6.2	Selected
crm:E85 Joining (0, n)	P143	joined (was joined by)	(1, n)	crm:E21 Person	CIDOC CRM version 6.2	Selected
crm:E85 Joining (0, n)	P144	joined with (gained member by)	(1, n)	crm:E74 Group	CIDOC CRM version 6.2	Selected
crm:E86 Leaving (0, n)	P145	separated (left by)	(1, n)	crm:E74 Group	CIDOC CRM version 6.2	Selected
crm:E86 Leaving (0, n)	P145	separated (left by)	(1, n)	crm:E21 Person	CIDOC CRM version 6.2	Selected
crm:E86 Leaving (0, n)	P146	separated from (lost member by)	(1, n)	crm:E74 Group	CIDOC CRM version 6.2	Selected

Showing 1 to 6 of 6 entries Previous 1 Next



4. Geovistory et les données ouvertes

The screenshot displays the Geovistory interface with three overlapping panels. The left panel shows the 'Sources' and 'Entities' sections for Max Guldener, with a red box highlighting the URL <http://www.idref.fr/031652255/id>. The middle panel shows the IdRef profile for Max Guldener, with a red box highlighting the BnF logo. The right panel shows the BnF Data profile for Max Guldener, including a feather image, biographical details (Country: Suisse, Language: German, Note: Juriste - Professeur à l'Université de Zürich, Suisse (en 1979), ISNI: ISNI 0000 0001 0886 5306), and a list of activities (Schweizerisches Zivilprozeßrecht (1979)).

IdRef Profile:

- Notice de type **Personne**
- Point d'accès autorisé: Guldener, Max (1903-...)
- Sur le web: **(BnF)**
- Information: (par souci de protection des données à caractère personnel, les données de cette notice sont limitées.)
 - Langue d'expression : allemand
 - Pays : Suisse
 - Date de naissance : 1903
- Notes: Note publique d'information : Juriste, Professeur à l'Université de Zürich, Suisse (en 1979)

BnF Data Profile:

- Works (1): Textual works (1)
- See also (7)
- Max Guldener
 - Country : **Suisse**
 - Language : **German**
 - Note : **Juriste - Professeur à l'Université de Zürich, Suisse (en 1979)**
 - ISNI : **ISNI 0000 0001 0886 5306 (Information about ISNI)**
- Activities of Max Guldener (1 resources in data.bnf.fr)
 - Textual works (1): Schweizerisches Zivilprozeßrecht (1979)
- See also (7 resources in data.bnf.fr)
 - In BnF (1): Equivalent record in Catalogue général
 - On the Web (6):
 - Equivalent record in Fichier d'autorité intégré de la Bibliothèque nationale allemande
 - Equivalent record in IdRef

5. Publication



Geovistory

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, bibliographischen Angaben und Schlagworten, die in den Texten annotiert sind.

[Hier geht's zur Edition](#) [Hier geht's zur Suche in den Daten](#)

Tipp: Die Suchresultate lassen sich nach Klasse filtern, wie zum Beispiel:

- Person für Personen
- Geographical Place für Orte
- Manifestation Product Type für bibliographische Angaben
- Tag für Schlagworte

Manuskript

<https://www.geovistory.org/project/824023/publication>

Presentazione Strumenti Metodologia Banca dati Grafici e tabelle Ricerca libera

Progetto ANR Processetti

Presentazione Processetti Soggetti Professioni Origini In città Mobilità Relazioni

In città

Parrocchia di abitazione dei richiedenti Luogo di lavoro dei richiedenti

(periodo 1592-1604)

Richiedenti

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Geovistory

Research Environment for Humanities and Social Sciences

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

<https://github.com/geovistory/>

Follow

README.md

Welcome to Geovistory Organization

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

Want to submit feedback? See [below](#).

An infrastructure

The Geovistory information system has two browser-based access points. The first is the data publication platform [Geovistory.org](https://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](#).

Who are we?

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](#)

Submit feedback

If you have a question, want to report a bug or suggest a new feature, whether about the **Toolbox**, **OntoME** or any other aspect of the **Geovistory ecosystem**, please use the [discussion](#) system. You can open a new topic or participate freely in an existing [discussion](#).

If a feedback merits specific development, it will be used to create an issue in the relevant repository.

View as: Public

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

[Get started with tasks](#) that most successful organizations complete.

Top discussions this past month

Discussions are for sharing announcements, creating conversation in your community, answering questions, and more.

[Start a new discussion](#)

People



Invite someone

Top languages

Jupyter Notebook TypeScript
Shell Java JavaScript

OntoME et la
Toolbox
sont
Open Source !