





## Ontology Management Environment

https://ontome.net/

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59th CIDOC CRM SIG Meeting – Takin.solutions Plovdiv 26 September 2024



### What is OntoME?

- OntoME is a free access online application: https://ontome.net
- It is a unique, community-managed place to collaboratively design ontologies and application profiles.
- OntoME is developed and maintained by the LARHRA's Digital History Research Team as part of the Geovistory initiative.





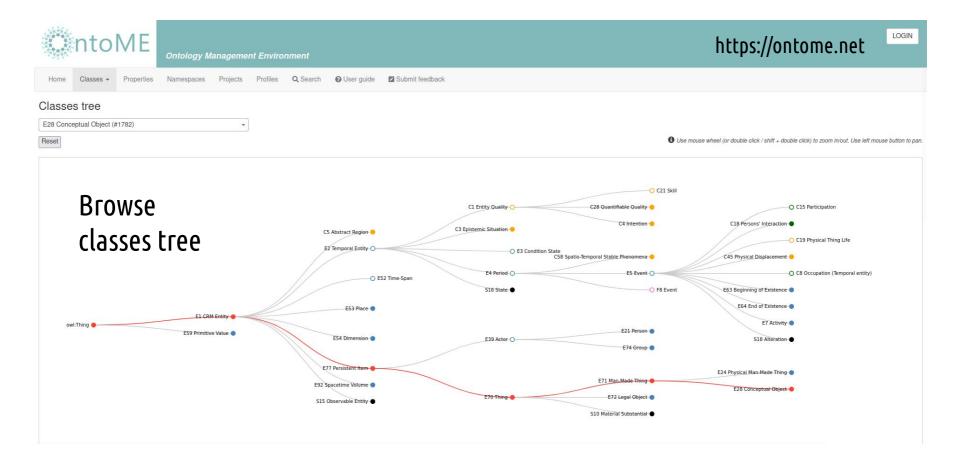


## What can OntoME be used for?

- Discover and explore ontologies.
- Create and manage classes and properties into specific namespaces.
- Extend existing models.
- Create and manage applications profiles.
- Export your models as docx, rdfs, owl-dl or use the built-in API.

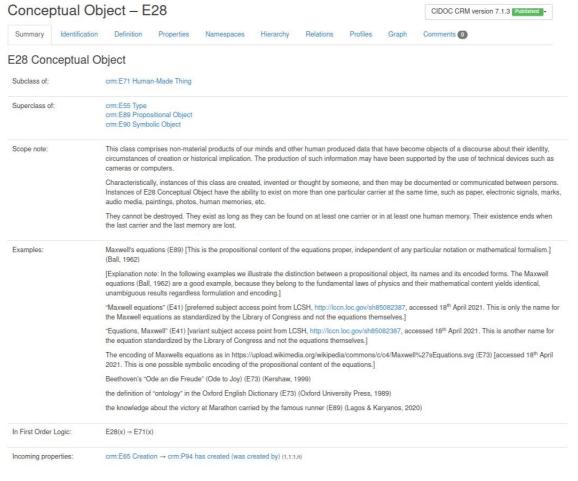


## ntoME Discover and explore ontologies





### Discover classes



## Everything at a glance



### Discover classes

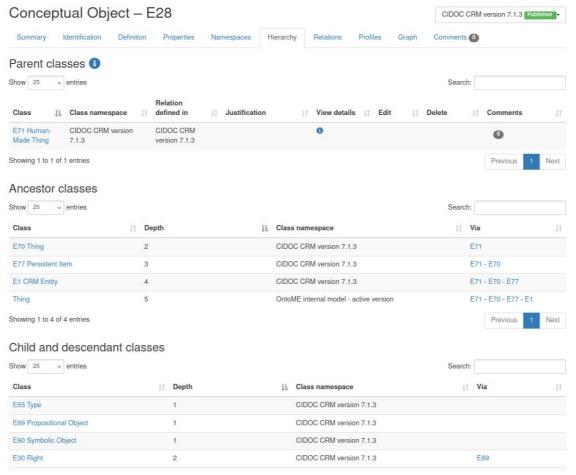
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Inherited properties

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### Discover classes

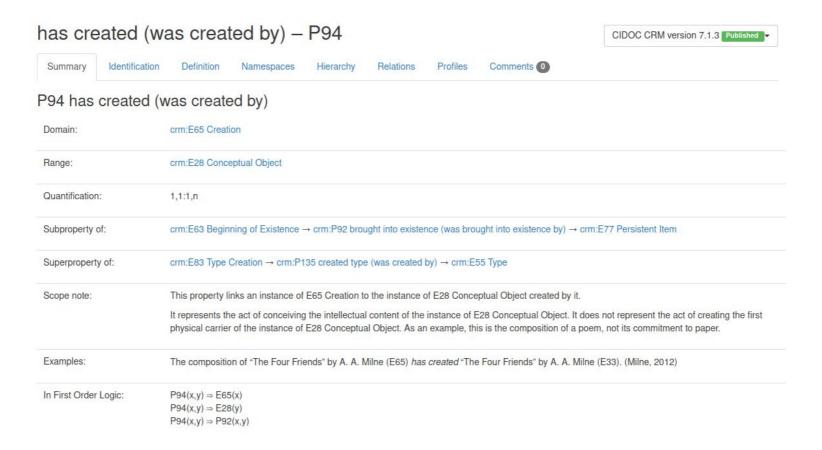


Hierarchy

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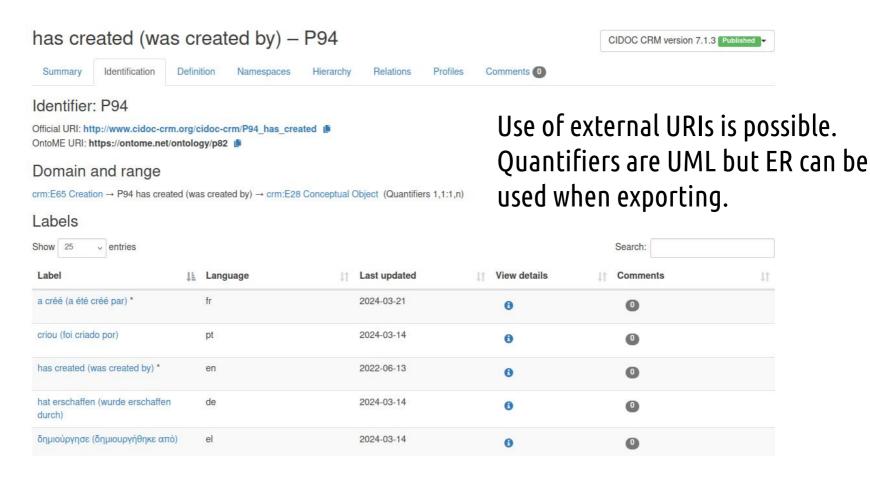


## Discover properties





## Discover properties





### Models available in OntoME

#### 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

FRBR00 2.4 + PRESS00 1.2

#### SDHSS ongoing versions:

SDHSS core

SDHSS social, legal and economic life

SDHSS CIDOC CRM supplement

SDHSS Education

#### 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

#### Many other models:

CRMaaa

CRMcpm

**DOREMUS** 

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## Create and manage classes and properties

#### SDHSS Education, Higher Education and Academies

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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.

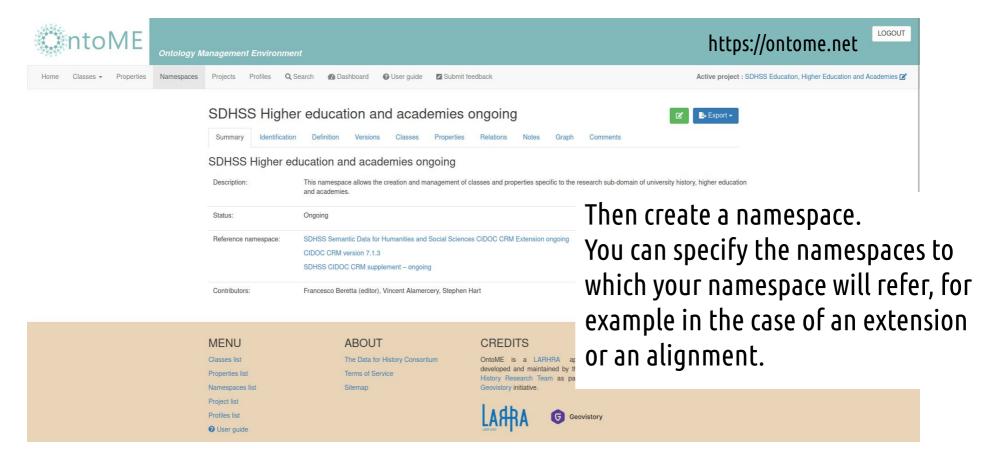
Higher education is the domain of education given in postsecondary institutions of learning and usually affording, at the end of a course of study, a degree or certificate of higher studies. Higher education not only includes universities and colleges but also various professional schools, institutes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

First create a project.
A project allows you to manage your namespaces, profiles and collaborators.



# Create and manage classes and properties





## Create and manage classes and properties

Profiles

Vocabulary

Members

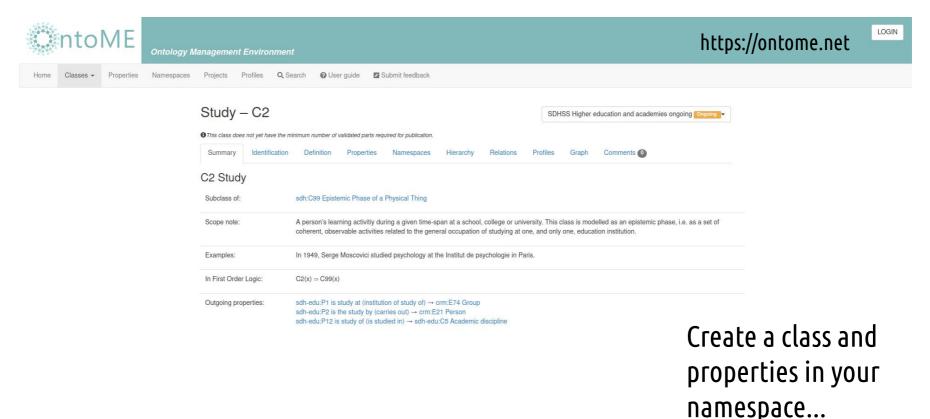
#### **CRMdig** Summary Identification Definition Hierarchy Namespaces Root namespace This project manages the CRMdig: An Extension of CIDOC CRM to support provenance metadata namespace. Ongoing namespace: CRMdig v 4.0 ongoing Published versions Show 25 entries Namespace CRMdig version 3.2.1 CRMdig version 4.0

Showing 1 to 2 of 2 entries

A namespace consists of a root namespace (for management) and an ongoing one that can be modified at will and then published. You can have as many published versions as you need.



# Create and manage classes and properties





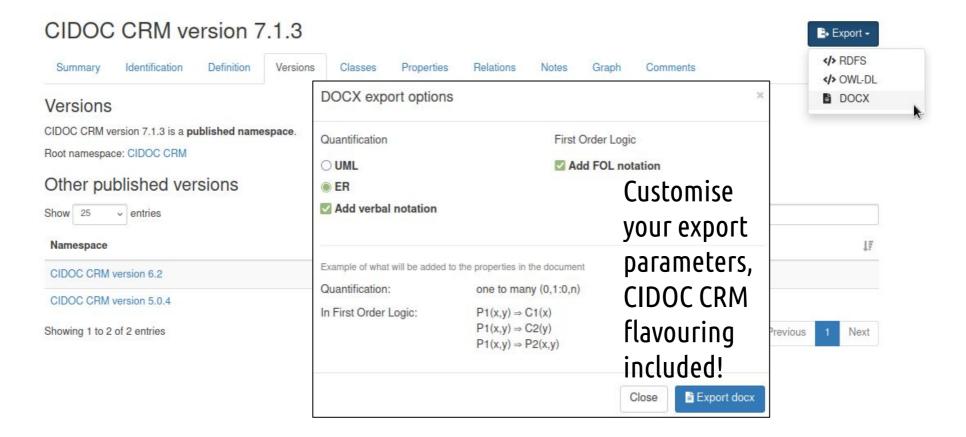
## Create and manage classes and properties

Study				C
Lexeme(s):	'studi'			
show 25	- entries		▼ Filter:	
Type \	Entity Type Clas >	Entity 1	Text 1	Namespace V
Scope note	Class	A1312_Mechanism	*A mechanism is the association of several parts linked together by physical contacts that make them totally + 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 + 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 + 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     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> + 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 + 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.	SDHSS Higher education and academies ongoing

...if and only if they don't already exist in another model that may be suitable for you.



### Export namespaces

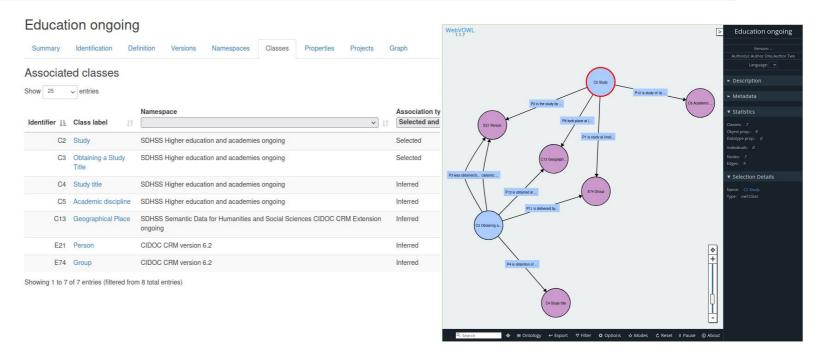




## Create an application profile

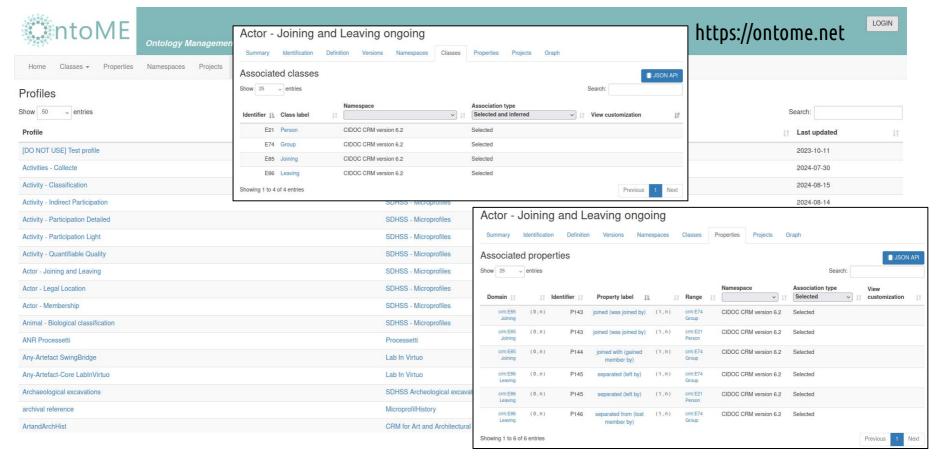


A profile is a coherent set of classes and properties from different namespaces, built for a particular application.



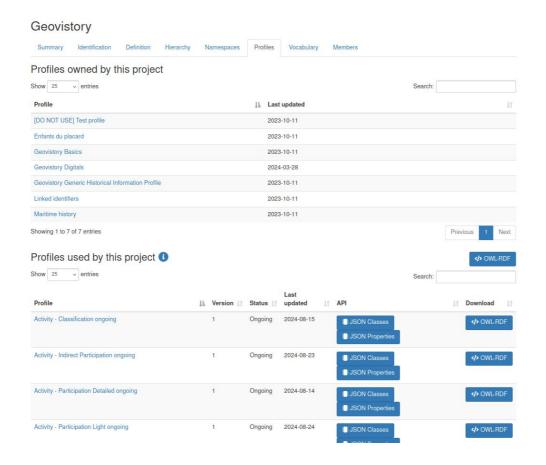


## Use existing profiles





## Manage profiles

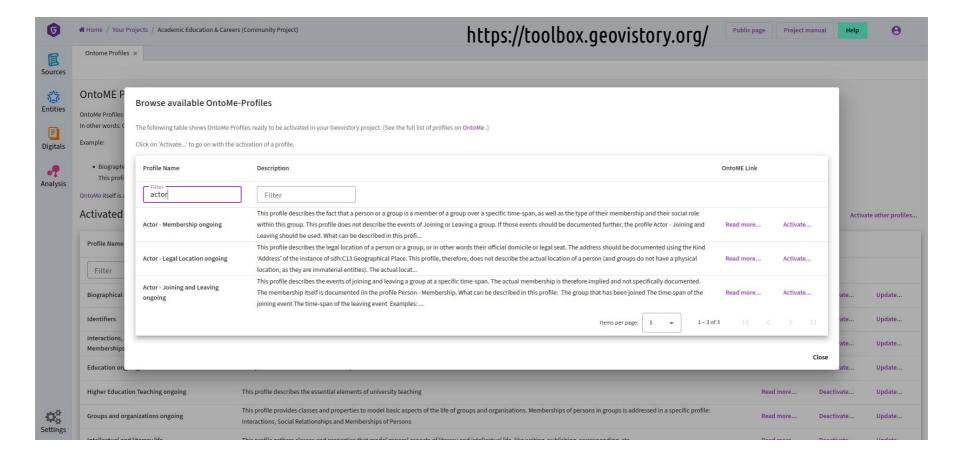


Manage your own profiles.

Add and publish any OntoME profile in the built-in API or export them in owl-rdf or json.



## Or directly use profiles in your information system via the API

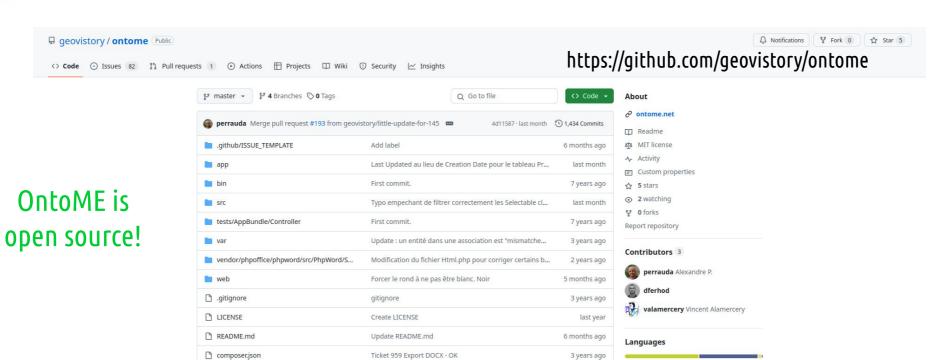




composer.lock

phpunit.xml.dist

## OntoME GitHub repository



3 years ago

7 years ago

JavaScript 1.9%
 CSS 0.6%

Export docx (non terminé)

First commit.



## Questions?

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