Terminology Management Platform (TMP)

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- **Context**

- Terminology Management Platform (TMP)

- User management

- Use cases

- TMP insight

- Perspectives

- **Objectives :**

  - Get a **broader overview of terminologies** : cross-domain, public and private institutions

  - Elaborate a **terminology registry** where each institution can describe and import its terminology and check other terminologies on a specific domain

  - Provide a **set of tools** for converting into SKOS, editing and mapping terminologies

  - Give a **complete software** for managing a terminology
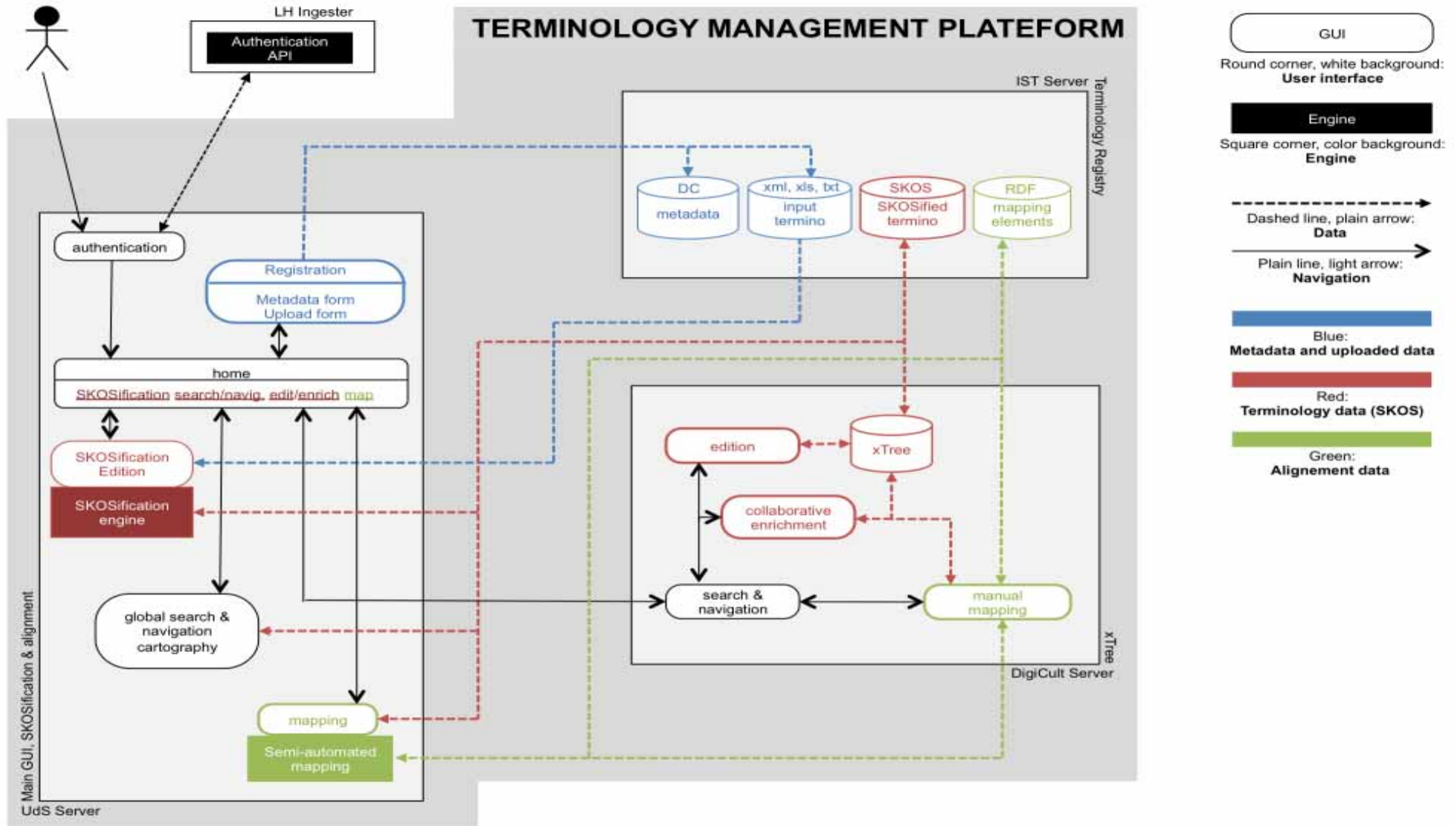
Athena: Benchmark

- **How to connect and build bridges in-between multilingual vocabularies?**

- **Functional needs identified by Athena WP4: Benchmark**
  - **Registration of a terminology in a repository**
  - **SKOSification of a terminology**
  - **Search and navigation into a network of vocabularies**
  - **Mapping of the terminology with a thesaurus**
  - **Enrichment of a thesaurus**
  - **Collaborative moderation of an update of the thesaurus**

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Terminology Management Platform (TMP)

- **To be a web service:** For collaborative work online ;

- **To have a user-friendly GUI:** Adapted for a non-expert use in European museums, lirabries and archives

- **To combine open-source components:** Such a service must stay independent of proprietary codes and formats

- **To be logically structured with an intuitive Workflow:** The user must find which actions to do according to his/her needs

- **To be flexible enough to be adapted to new standards:** What if SKOS is updated in a new version or evolving towards an ontology description?

TMP technical architecture

■ Context

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User management on TMP

Role	Actions								
	View Public terminology	Make suggestions	CRUD Concept	CRUD outcoming mapping	Accept suggestions	CRUD Terminology metadata	Manage Rights	Publish Terminology	Set public/ private
Owner	X	X	X	X	X	X	X	X	X
Editor	X	X	X	X	X				
Contributor	X	X							
General User	X								

■ <u>**General user**</u> **: The general user is the visitor who could browse and navigate through the terminology registry. The general user can search into the registry and view terminology that are registered as public ones. The general user is not logged in.**

■ <u>**Contributor**</u> **: The contributor is allowed to view public thesaurus and make suggestions to modify them. The contributor is a user who has an account on TMP and is logged in. The contributor may belong to another institution and is then able to make sugestions to a public terminology.**

■ **Editor** **: The editor works under the authority of the owner of the terminology. The editor has the same rights than a contributor but can also have some management rights on his terminologies. The editor is then able to Create, Read, Update and Delete concepts and terms.**

■ **Owner : The owner has a role of administrator of terminologies; the owner is responsible for all the terminologies of his institution. So he can Create, Read, Update and Delete concepts and terms and also accept or refuse the suggestions made by the other users. The owner is also the one responsible for managing rights for the users and editing the metadata of the terminologies. He is the one able to publish the terminology and set it as private or public.**

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- **Register an existing terminology > Import**

- **Register a new terminology > Create**

- **Modify/update the metadata of the terminology**

- **Create a terminology from different terminologies**

- **Edit/enrich a terminology**

- **Search through the terminology**

- **Mapping of terminologies**

- **Add a new concept**

- **Modify a concept:**

  - **Modify the labels**
  - **Modify/add definitions and notes (scope notes skos:scopeNotes, editorial notes, skos:editorialNote, history note skos:historyNote)**
  - **Add a language for labels and/or notes**
  - **Change the hierarchy of a concept, change the semantic relations of the concept**
  - **Add an illustration to a concept with its metadata**
  - **Merge two concepts**

- **Delete a concept**

- **Mapping between terminologies in the same language**

- **Mapping between terminologies in different languages**

- **Mapping between terminologies with the same granularity (precision in the coverage of a domain)**

- **Mapping between terminologies with different granularity (for example mapping of a specific thesaurus to a general one for the top concepts only)**

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Home

TMP (Terminology Management Platform) is a "tool box" for creating, editing and managing thesaurus, classifications, subject headings, ontology and any other kind of terminology. This platform is mainly dedicated to cultural institutions from any sector (Libraries Archives and Museums) who hold or are willing to create terminologies.

You can register your terminology and proceed easily to the SKOSification (conversion into SKOS) and/or to the mapping of your terminology with another one.

Search public terminology

[Search]

Connect to TMP

Email

Password

Sign in!   *Forgot your password?*   [Login]

europeana
think culture

LINKED HERITAGE

ATHENA
Access to cultural heritage
networks across Europe

Michael
Multilingual
Inventory
of Cultural Heritage
in Europe

Michael
Culture
Association

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ome > search public terminologies

Show 10 ▼ entries			Search:	

Title ▲	Subject ⬍	Languages ⬍	Author ⬍	⬍
Being	Philosophy	fr	CR	**View**
Droit	Law	fr	CR	**View**
Fortification	Archaeology	de, en	JL	**View**
Furniture	Furniture	en, it	mvl	**View**
Objects	Economics	en, fr, en, fr	Mvl	**View**
ObjectsName	Archaeology	en, fr, nl	KMKG	**View**
Palissy	Furniture	fr	MCC-Inventaire	**View**
test	Decorative arts	ak	qdsfqsdf	**View**
titre	Decorative arts	fr	florent	**View**

Showing 1 to 9 of 9 entries

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My home

Search therminologies

Search [public terminologies] [my terminologies]

Create new terminologies [Create] [Import]

Link two terminologies [Mapping]

Show [10 ▼] entries   Search: [   ]

Title ▲	Subject	Languages	Author	
ferfer	ContemporaryArts	fr	ferfrefer	[Edit] [Delete]
ferferf	Architecture	fr	ferfrefer	[Edit] [Delete]
ferferf22	Architecture	fr	ferfrefer	[Edit] [Delete]
tes testt	Archaeology	fr	ju vi	[Edit] [Delete]
test eerg	Fine arts	fr	ferfer	[Edit] [Delete]

Showing 1 to 5 of 5 entries   Previous Next

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My home > Terminology creation

Create a terminology from scratch: fill in general information (metadata) on your terminology (* mandatory fields)

Title *	Aternative Title
Subject * [Select a value...]	Description
Languages * [Select language...]	Creation Date
	Date of issue
Edition *	Contributor
Creator *	Identifier
Publisher *	Source
Rights * [Select a value]	Amount of Concept [Select a value]

Save Metadata

▶ 1) Upload your terminology

▼ 2) Configure your import

Does your import look good ? **No**

Map you data on the underlying table with drop-down lists and **when you mapping is OK click here.**

This col is :	This col is :	This col is :	This col is :	This col is :	This col is :	This col is :	This col is :	This col is :	
Not mapped ▾	Not mapped ▾	Not mapped ▾	Not mapped ▾	Not mapped ▾	Not mapped ▾	Not mapped ▾	Not mapped ▾	Not mapped ▾	
ID	prefLabel@fra	prefLabel@nl	prefLabel@eng	broader	SN@nl	SN@en	SN@fr		
41875	Nom de l'objet	Objectnaam	Object name						1: T
41877	Architecture	Architectuur	Architecture	41875	Topterm voor architecturale elementen en onderdelen van architecturale elementen				2
41879	Construction	Bouwwerk	Single built work	41877	Algemene benaming voor alle soorten van (in aanbouw zijnde) gebouwen				3
45278	Composant de bâtiment	Deel van een gebouw	Building division	41879	Wordt gebruikt voor het benoemen van afzonderlijke kamers of ruimten van een gebouw				4

2) Configure your import

Does your import look good ? **No**

Map you data on the underlying table with drop-down lists and **when you mapping is OK click here.**

This col is : A local ID ☑ Unique ?	This col is : A property Of type: prefLabel Language: French	This col is : A property Of type: prefLabel Language: Dutch	This col is : A property Of type: prefLabel Language: English	This col is : A reference Of type: broader To column: ID	This col is : A property Of type: Select one	This col is : Not mapped
ID	prefLabel@fra	prefLabel@nl	prefLabel@eng	broader		SN@en
41875	Nom de l'objet	Objectnaam	Object name			
41877	Architecture	Architectuur	Architecture	41875		
41879	Construction	Bouwwerk	Single built work	41877		

Select one dropdown options:
- Select one
- Concept
- altLabel
- prefLabel
- scopeNote
- ConceptScheme
- Collection
- OrderedCollection
- changeNote
- definition
- editorialNote
- example
- hiddenLabel
- historyNote
- notation
- note

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My home > **Edit the terminologie**

Edit metadata

Title : ObjectsName - **Author :** KMKG

O Change me
O Équipement de peinture
O Équipement d'impression
O Nom de l'objet
 O *Instrument de musique*
 O Moyen de communication
 O Arme et armure
 O Jouet et équipement de sport
 O Forme d'objet et objet dérivé
 O Matériel visuel
 O Dispositif de fixation et fermoir
 O Moyen de transport
 O Article de toilette et instrument médical
 O Moyen de punition et d'obstruction
 O Mobilier
 O Meuble
 O Accessoire de meuble

Français

Linguistic dimension

| Labels | Documentary notes |

preferred label   Instrument de musique

alternative label

hidden label

Conceptual dimension

| Hierachical relations | Associative relations | Mapping relations |

has broader   Nom de l'objet

has narrower   Select a concept to link.

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Title : ObjectsName - **Author** : KMKG

Title : Furniture - **Author** : mvl

- Change me
- Équipement de peinture
- Équipement d'impression
- Nom de l'objet
  - Instrument de musique
  - Moyen de communication
  - Arme et armure
  - Jouet et équipement de sport
  - Forme d'objet et objet dérivé
  - Matériel visuel
  - Dispositif de fixation et fermoir
  - Moyen de transport
  - Article de toilette et instrument médical
  - Moyen de punition et d'obstruction
  - Mobilier
    - Meuble
      - Meuble de rangement
      - Siège
      - Meuble de repos
      - Mobilier d'écurie
      - Meuble de bâtiment religieux
      - Miroir
      - Meuble de support
    - Accessoire de meuble
      - Appui-livre
      - Coussin (accessoire de meuble)
      - Cendrier
      - Natte
      - Tapisserie
      - Porte-parapluie
      - Porte-journeaux
      - Textile d'ameublement

- movables
  - furniture

| Labels | Documentary notes | Hierachical relations |
| Assocative relations | Mapping relations |

preferred label

Siège

alternative label

hidden label

| Labels | Documentary notes | Hierachical relations |
| Assocative relations | Mapping relations |

preferred label

furniture

alternative label

hidden label

Outline

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TMP sur Github

https://github.com/florent-andre/LinkedHeritage

- **Maintenance** :
  - **Michael Culture association will ensure the maintenance and the sustainability of the TMP beyond the project**
  - **Developments will go on within the Athena Plus project**

- **Cooperation:**
  - **SIERA project : use of the TMP for thesaurus conception and extension**
  - **EuropeanaPhotography**
  - **PartagePlus**

Merci!

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http://www.linkedheritage.org/