



HAL
open science

PACTOLS the French terminological Repository for Archaeology

Blandine Nouvel, Véronique Humbert, Evelyne Sinigaglia

► **To cite this version:**

Blandine Nouvel, Véronique Humbert, Evelyne Sinigaglia. PACTOLS the French terminological Repository for Archaeology. Linked Pasts 5: back to the (re)sources, Dec 2019, Talence, France. , 2019. halshs-02421873

HAL Id: halshs-02421873

<https://shs.hal.science/halshs-02421873>

Submitted on 20 Dec 2019

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



Distributed under a Creative Commons Attribution 4.0 International License

PACTOLS

the French terminological Repository for Archaeology



The PACTOLS thesaurus is the only controlled, free, multilingual and interoperable French vocabulary for archaeology. It is one of the tools of the Federation and Resources on Antiquity (Frantiq) of the CNRS that has contributed to the Indexed Collective Catalogue for more than thirty years.

An extensive programme was launched in 2017 and supported by the MASA (Memory of Archaeologists and of Archaeological Sites) Consortium of the TGIR HumaNum to consolidate its structure and reorganise its terminology for better clarity and use on a wider scale than just in libraries. The goal is to make of Pactols a truly thematic repository for all involved in archaeology and a hub of disciplinary metadata interconnected with the semantic web.

Sustained and controlled by a community

- 40 libraries from the Frantiq network analyse academic literature in the **Indexed Collective Catalogue**
- experts and teams of specialists control the choices of vocabulary and participate in the updating of the thesaurus
- 1 Working Group manages the thesaurus on a regular basis
- 1 Steering Committee consolidates the structure and enriches the vocabulary. This Committee is supported by the **MASA Consortium**
- FRANTIQQ represents the **CNRS** on the Curators Committee of the *BackBone Thesaurus* of **DARIAH**

Edited and published by Opentheso



- Advanced management of terms and branches of the thesaurus
- Multilingual Thesaurus
- Free and open
- Interoperable: imports/exports JSON, SKOS; API REST
- Collaborative with 4 levels of authentication

<https://github.com/miledrousset/opentheso>

PACTOLS, hub of metadata 50 000 concepts

Covers all fields of archaeology from Prehistory to the contemporary period and the study of Antiquity

Peuples [Peoples]
Anthroponymes [Anthroponyms]
Chronologie [Chronology]
Toponymes [Toponyms]
Oeuvres [Works]
Lieux [Places]
Sujets [Subjects]

Multilingual (fr, en, de, es, it, nl, ar)
Normalised **ISO 25964** and **SKOS**
Citable with **Ark** et **Handle** persistent identifiers
Free licence **OdBL**
Free access

<https://pactols.frantiq.fr>

A structure under development on the conceptual model of the *BackBone Thesaurus*



Metadata enrichment in connected hubs

Alignments with repositories

ISIDORE search engine for enriching information retrieval

Library Catalogues

Scientific publications in partnership with

- the XML-TEI METOPES editorial chain
- the OpenEdition platform of electronic resources

Periodicals

Gallia *Gallia Préhistoire* *AdIF* *Archéologie médiévale* *Archaeonautica* *Antiquités africaines* *Préhistoires*

Scientific archives and research data

- CoReA - Corpus & archaeological resources of the Centre Camille Jullian
- AReAR - Inventory of the Archive database of the Centre Camille Jullian
- EpiCherchell - Cherchell epigraphy database of the Centre Camille Jullian
- IMAGES - Itinerary of Medieval Archaeological Sites of the Grand Est Region
- AERBA - Atlas of rural settlements of ancient Beauce
- RITA - Pictorial Research - Archaeological Tours

Data systems of field archaeology

- ArSol - Archaeological information system of Citères-LAT
- EdARCH - Archaeological information system of the Inrap

In progress

- Wikidata
- Art and Architecture Thesaurus (Getty)
- IdRef (French ministry of Research and Education)
- GeoNames (Places)
- Insee (Places in France)

In the planning stage

- Pleiades - Community-built gazetteer & graph of ancient places
- PeriodO - A gazetteer of periods for linking and visualizing data

www.frantiq.fr



Blandine Nouvel, Centre Camille Jullian (AMU, CNRS, CCJ, Aix-en-Provence, France) & Frantiq
Véronique Humbert, Frantiq & Archéologie des Sociétés Méditerranéennes (UPV, CNRS, ASM, Montpellier, France)
Evelyne Sinigaglia, MSH Maison Archéologie et Ethnologie & Frantiq (UPN, CNRS, USR3225, Nanterre, France)

Linked Pasts 5: back to the (re)sources - 11-13 December 2019 - Bordeaux