

OpenArchaeo: une plateforme Web sémantique pour interroger les données archéologiques.

Florian HIVERT

MSH Val de Loire/Huma-Num













Le Consortium MASA















Les référentiels





Art & Architecture **Thesaurus**



PACTOLS









GeoNames

















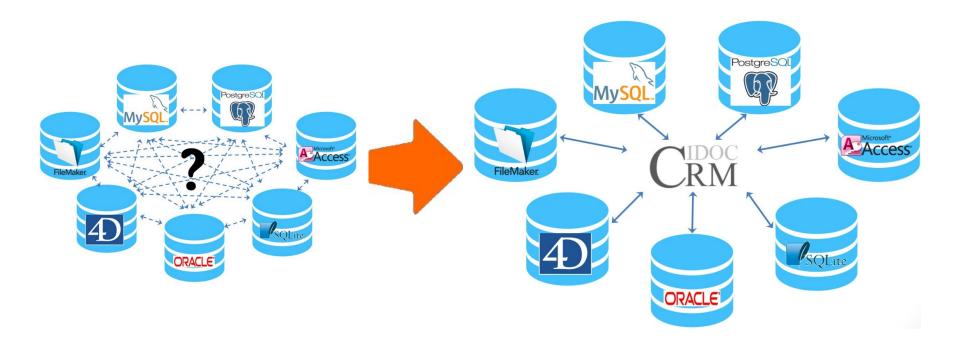








L'interopérabilité









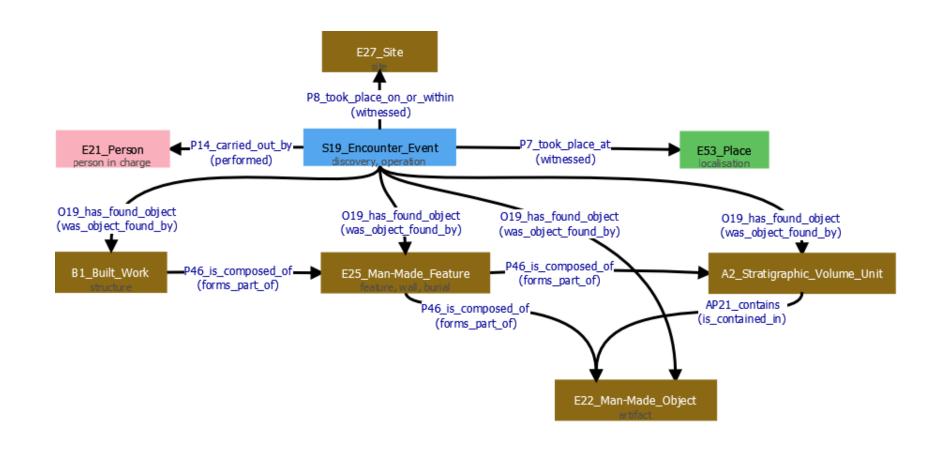






Le modèle générique











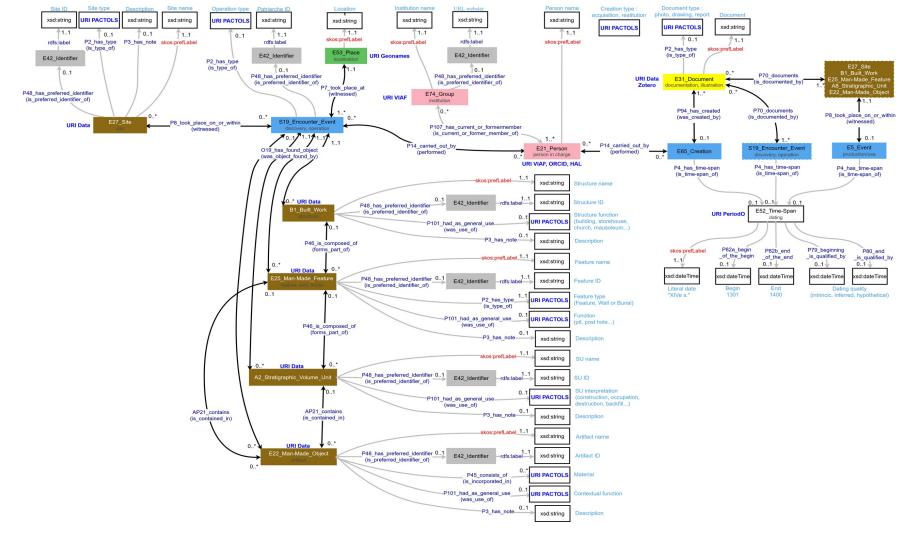






Le modèle générique















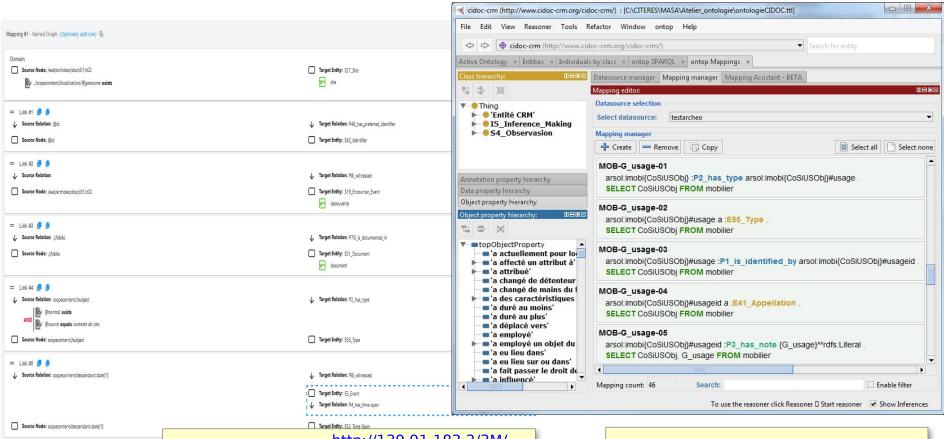


Les outils de mapping avec le





DBMS ► Ontop





http://139.91.183.3/3M/

https://
demos.isl.ics.forth.gr/3m/













Validation SHACL

公 SHACL Play!

Validate Shapes Catalog

Validation results of 13 shapes

Download validation report in CSV Turtle RDF/XML

663 Violations

Violation 592 "Property needs to have at least 1 values, but found 0" (crm:P8 took place on or within|^crm:P8i witnessed in shape oash:P80) see details

Violation 30 "Property needs to have at least 1 values, but found 0" (crm:P4 has time-span in shape oash:P81) see details

Violation 19 "Property may only have 1 value, but found 2" (skos:prefLabel in shape oash:P32) see details

Violation 11 "Property may only have 1 value, but found 2" (skos:prefLabel in shape oash:P35) see details

Violation 8 "Property needs to have at least 1 values, but found 0" (crmsci:O19i was object found by | ^crmsci:O19 has found object in shape oash:P51) see details

Violation 1 "Property may only have 1 value, but found 13" (skos:prefLabel in shape oash:P35) see details

Violation 1 "Property may only have 1 value, but found 3" (skos:prefLabel in shape oash:P32) see details

Violation 1 "Property may only have 1 value, but found 3" (skos:prefLabel in shape oash:P35) see details

SHACL Play! by Thomas Francart, SPARNA | version: 0.2 (timestamp) | SHACL Play! embeds TobBraid SHACL API from TopQuadrant













Le SPARQL endpoint



☼ OpenArchaeo Fédération SPARQL API Administration



Requêtes

- > ARSOL : Liste des sépultures trouvées dans un site
- > ARSOL : Nombre de sites découverts par découvreur
- > ARSOL : Faits contenant du mobilier en fer
- > ARSOL : Monnaies trouvées dans le cadre d'une fouille
- > ARSOL : Responsables qui ont trouvé des sépultures
- > AERBA: Responsables ayant trouvés un site par prospection aérienne daté avec fin postérieur à 400
- > AERBA : Site trouvé dans la commune de Cormainville
- > ARSOL/AERBA : Sites où un fossé à été mis à jour
- > ARSOL/AERBA : Liste de tous les E27_Site
- > Explorer une URI connue
- > Afficher une frise chronologique

```
1 * PREFIX wficheweb: <a href="http://arsol.univ-tours.fr/4DACTION/WFICHEWEB/">http://arsol.univ-tours.fr/4DACTION/WFICHEWEB/></a>
       PREFIX crmsci: <a href="http://www.ics.forth.gr/isl/CRMsci/">crmsci: <a href="http://www.ics.forth.gr/isl/CRMsci/">http://www.ics.forth.gr/isl/CRMsci/</a>
       PREFIX crmba: <a href="http://www.ics.forth.gr/isl/CRMba/">http://www.ics.forth.gr/isl/CRMba/>
       PREFIX crmarch: <a href="http://www.ics.forth.gr/isl/CRMarchaeo/">http://www.ics.forth.gr/isl/CRMarchaeo/</a>
       PREFIX crm: <a href="http://www.cidoc-crm.org/cidoc-crm/">crm: <a href="http://www.cidoc-crm.org/cidoc-crm/">http://www.cidoc-crm.org/cidoc-crm/</a>
       PREFIX frantig: <a href="https://ark.frantig.fr/ark:/26678/">
       PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
       PREFIX rdfs: <a href="http://www.w3.org/2000/01/rdf-schema">http://www.w3.org/2000/01/rdf-schema">http://www.w3.org/2000/01/rdf-schema</a>
       PREFIX skos: <a href="http://www.w3.org/2004/02/skos/core#">http://www.w3.org/2004/02/skos/core#>
       SELECT DISTINCT ?person ?personLabel
       FROM NAMED <a href="http://openarchaeo.huma-num.fr/federation/sources/arsol">http://openarchaeo.huma-num.fr/federation/sources/arsol</a>
12 * WHERE {
          ?person a crm:E21 Person .
          ?person skos:prefLabel ?personLabel .
          ?person crm:P14i_performed/crm:P8_took_place_on_or_within ?site .
15
          ?site crm:P8i witnessed/crmsci:O19 has found object ?sepulture .
17
          ?sepulture a crm:E25_Man-Made_Feature .
18
          ?sepulture crm:P2 has type <a href="type">crm:P2 has type</a> <a href="type">https://ark.frantiq.fr/ark:/26678/pcrt795b632nWw></a>.
19 }
```









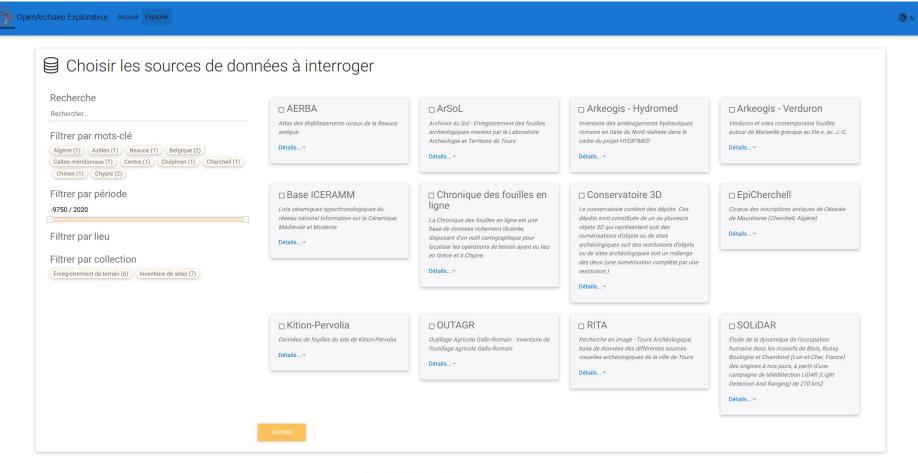






Le triplestore OpenArchaeo



















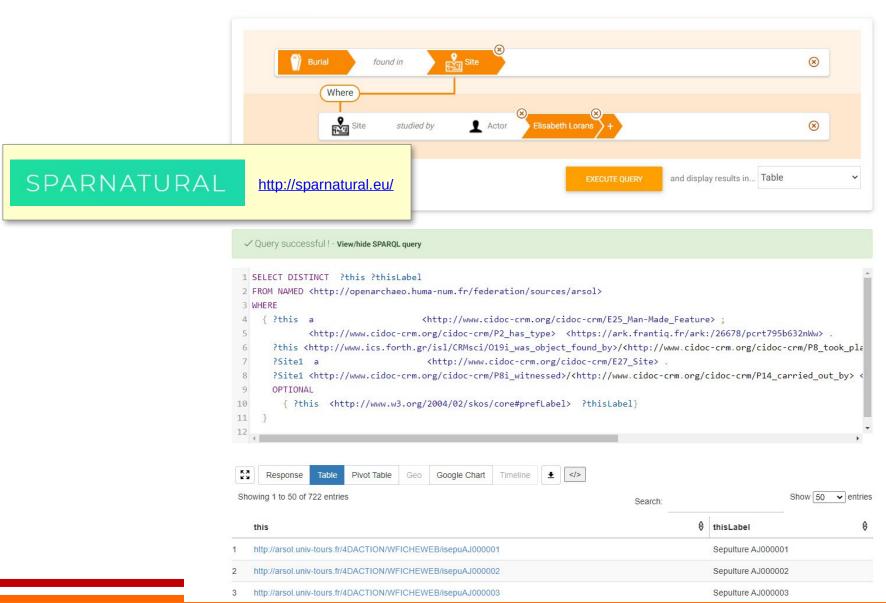






Explorateur OpenArchaeo







Alignement entre OpenArchaeo et ARIADNEplus

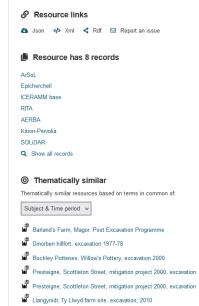
OpenArchaeo

Description

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MASA (Mémoire des Archéologues et des Sites Archéologiques), a consortium of the TGIR Huma-Num, in partnership with the SPARNA company, specialized in semantic web, and the Laboratoire d'Informatique Fondamentale et Appliquée de Tours (LIFAT), has developed the OpenArchaeo semantic web platform. Exploiting the archaeological triplestores paired with the CIDOC in a federated way, OpenArchaeo has been designed with two distinct interfaces.

> Show descriptions in other languages Metadata Original ID: http://openarchaeo.huma-num.fr Language: English Resource type: Fieldwork Subject - Original: Archeological sites inventory Excavation archives Database Excavation record Excavation report Type: Collection (Collection) Publisher: 1 Consortium MASA - Mémoire des Archéologues et des Sites Archéologiques 💣 https://masa.hypotheses.org/ Issued: 2019-06-01 Last updated: 2022-03-01 Responsible person and organisations Creator: Consortium MASA - Mémoire des Archéologues et des Sites Archéologiques & https://masa.hypotheses.org/ Contributor: Olivier Marlet Beatrice Markhoff Florian Hivert Owner: Consortium MASA - Mémoire des Archéologues et des Sites Archéologiques & https://masa.hvpotheses.org/ Responsible: Xavier Rodier △Î Licence information







Arddleen enclosure, excavation 2002-03





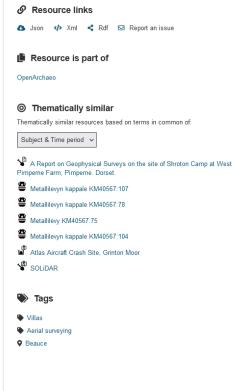




Alignement entre OpenArchaeo et ARIADNEplus

AERBA Description Atlas of rural settlements in ancient Beauce > Show descriptions in other languages Metadata Original ID: http://aerba.huma-num.fr Language: English Resource type: Site/monument Subject - AAT: 0 Subject - Original: villas (en) Airborne surveys aerial surveying (en) Villa Beauce Atlas Archeology Place: Beauce Type: Dataset (Provided record) Publisher: 1 Consortium MASA - Mémoire des Archéologues et des Sites Archéologiques A https://masa.hypotheses.org/ Issued: 2019-01-01 Last updated: 2019-01-01 Responsible person and organisations Owner: http://citeres.univ-tours.fr/lat http://citeres.univ-tours.fr/lat Responsible: Olivier Marlet বঁ Licence information

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Merci

https://masa.hypotheses.org/

florian.hivert@univ-tours.fr









