



HAL
open science

aLTAG3D: A User-Friendly Metadata Documentation Software

Bruno Dutailly, Sarah Tournon, Mehdi Chayani, Valentin Grimaud, Xavier Granier

► **To cite this version:**

Bruno Dutailly, Sarah Tournon, Mehdi Chayani, Valentin Grimaud, Xavier Granier. aLTAG3D: A User-Friendly Metadata Documentation Software. DARIAH Annual Event 2023: Cultural Heritage Data as Humanities Research Data?, Jun 2023, Budapest, Hungary. hal-04115897

HAL Id: hal-04115897

<https://hal.science/hal-04115897>

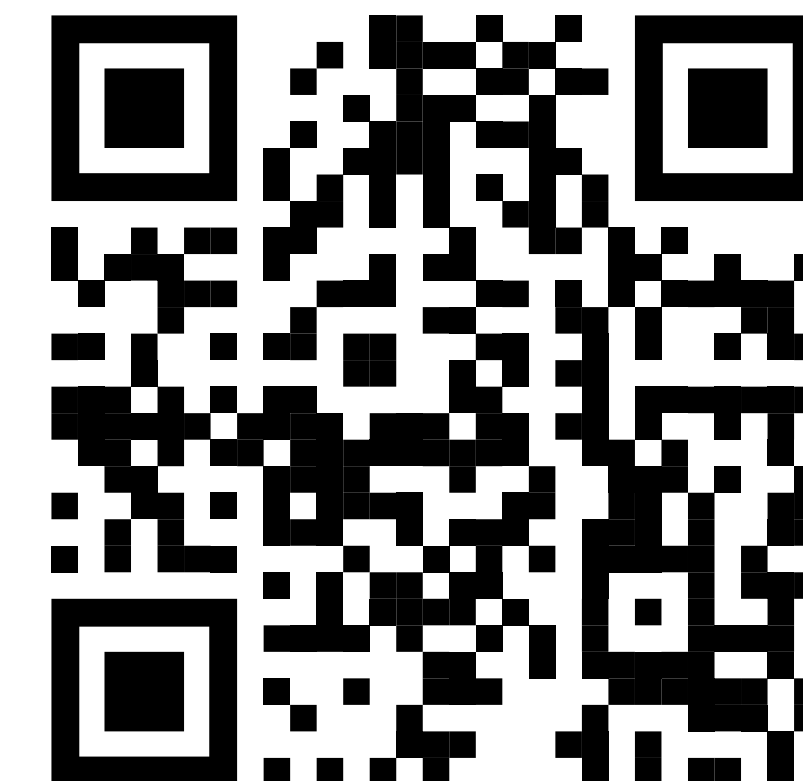
Submitted on 5 Jun 2023

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.



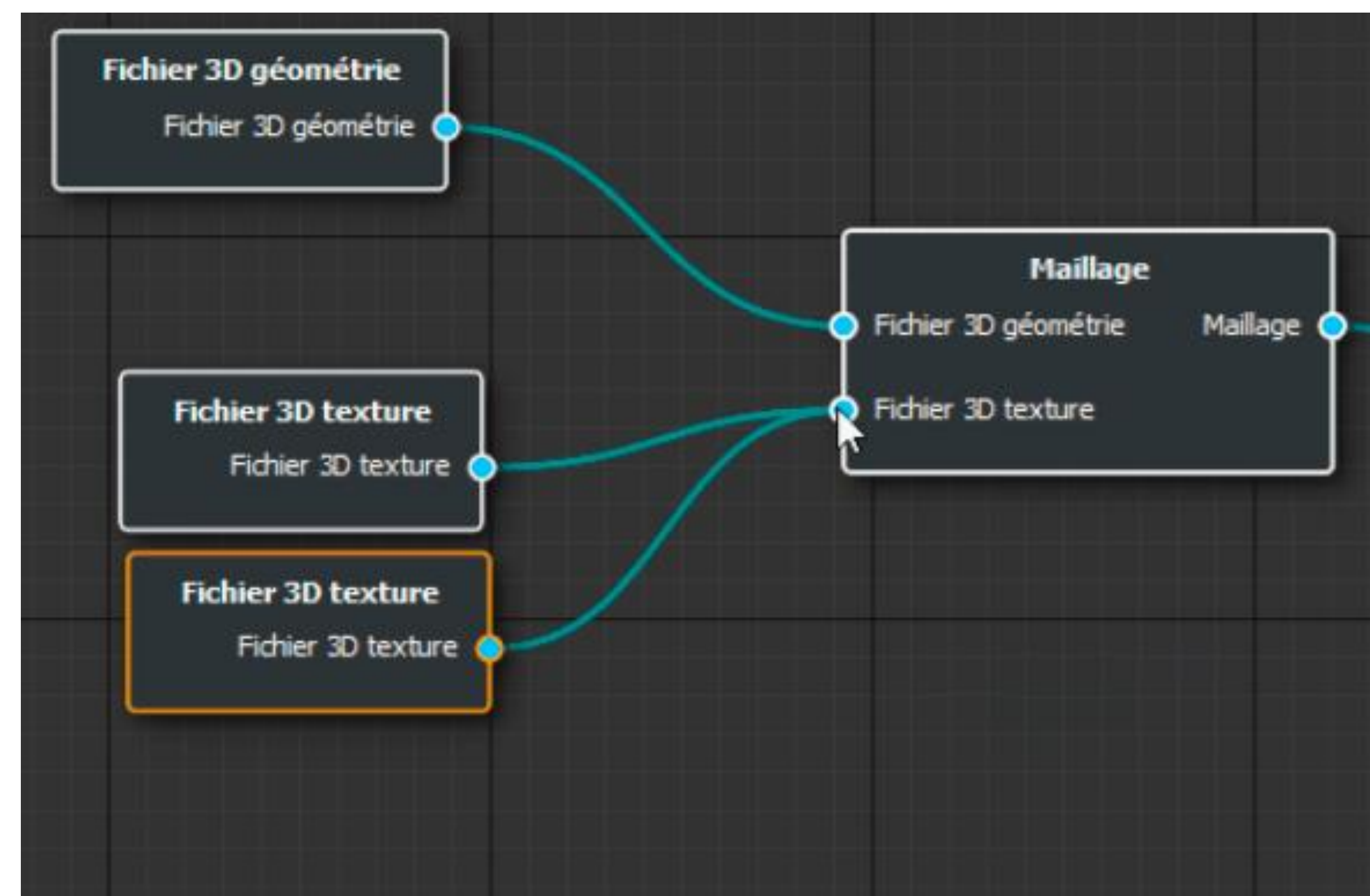
Distributed under a Creative Commons Attribution 4.0 International License



aLTAG3D: A User-Friendly Metadata Documentation Software

aLTAG3D, is an **open-source** software developed by the consortium "3D for humanities" to simplify the process of documenting metadata for 3D research projects.

The consortium has focused on leveraging the complexity of metadata schemes that researchers face when they reach the documentation step of a deposit, particularly for **3D projects** that involve large amounts of data and related documents.



Simplifying 3D Research Documentation for Deposit

The software aims to make the process of documenting 3D research projects more accessible.

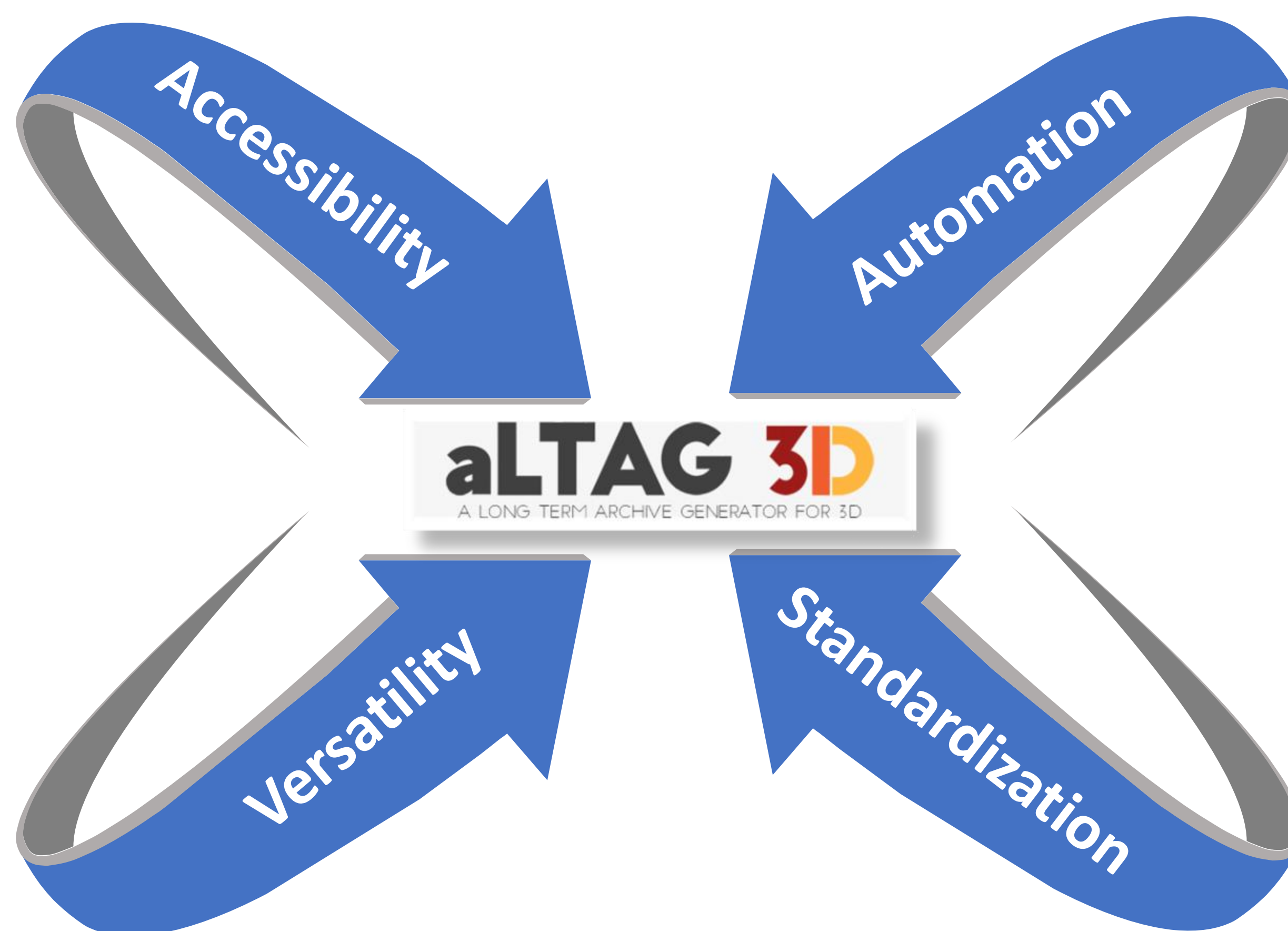
By providing a **user-friendly interface**, aLTAG3D enhances the efficiency of documenting 3D research projects.

The software is designed to **accommodate** a wide range of project types, making it adaptable to various research disciplines within the humanities and social sciences. It can be extended by **plugins** and to others schemes through XSD description.

The software aims to accelerate the entry of metadata, reducing the time and effort required for researchers..

By **automating** certain tasks, aLTAG3D ensures that researchers can effectively document their projects and contribute to the preservation and traceability of valuable resources.

The software aims to adhere to established metadata schemes and formats, such as XML, ensuring compatibility with deposit at the National 3D Data Repository and the archive at C.I.N.E.S. It ensures **validated deposit** and thus promotes **consistency**.

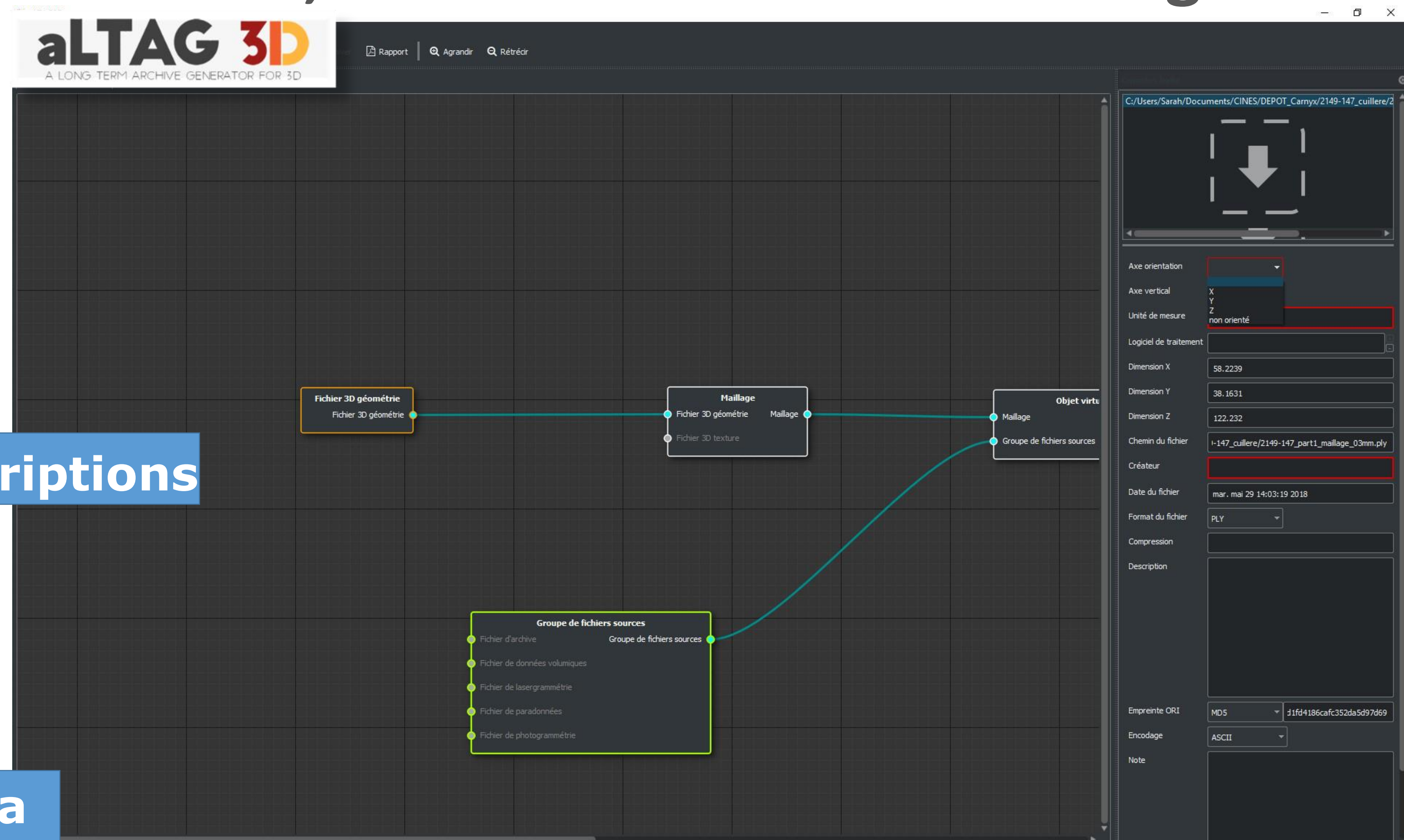


Creating Packages for Publication, Conservation and Archiving

```
<?xml version="1.0" encoding="UTF-8"?>
<pac xsi:schemaLocation="http://www.cines.fr/pac/sip http://www.cines.fr/pac/sip.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.cines.fr/pac/sip">
<DocDC>
<title language="fra">Cuillere</title>
<creator>Archeovision</creator>
<subject language="fra">Tintignac</subject>
<subject language="fra">Carnyx</subject>
<subject language="fra">Cuillere</subject>
<description language="fra">Carnyx en pluisuerus morceaux</description>
<publisher>Archeovision UMS SHS 3D</publisher>
<date>2014</date>
<type language="fra">Archive de fichiers 3D via aLTAG3D</type>
<format language="fra">1 fichier 3D (PLY)</format>
<language>fra</language>
<coverage language="fra">ancien</coverage>
<coverage language="fra">-18000</coverage>
<coverage language="fra">-18000</coverage>
<coverage language="fra">Tintignac</coverage>
<coverage language="fra">Tintignac</coverage>
<rights language="fra">creatives commons</rights>
</DocDC>
<DocMeta>
<identifiantDocProducteur></identifiantDocProducteur>
<evaluation>
<DUA>P15Y</DUA>
<traitement language="fra">conservation définitive</traitement>
<dateDebut>2019-02-19</dateDebut>
</evaluation>
<communicabilite>
<code type="SEDA">AR042</code>
</communicabilite>
</DocMeta>
</pac>
```

Validated XML descriptions

Associated data



Authors **Bruno Dutailly¹, Sarah Tournon-Valiente¹, Mehdi Chayani¹, Valentin Grimaud², Xavier Granier³**
¹Archéosciences Bordeaux; ²LARA, CReAAH; ³IOGS (Institut d'Optique Graduate School)