# The SSK. Make your Arts and Humanities research go standard. TEI inside !

Marie Puren, Charles Riondet, Laurent Romary, Dorian Seillier, Lionel Tadjou

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# SSK</>

## Make your Arts and Humanities research go standard. TEI inside !

Marie Puren, Charles Riondet, Laurent Romary, Dorian Seillier, Lionel Tadjou
Inria, team ALMAnaCH

## STANDARDIZATION SURVIVAL KIT

Guidelines and tools are easier to understand and use when presented through examples. The SSK provides a variety of standardized resources in a meaningful context, delivered by research use cases : the « scenarios ».

## FULL TEI

TEI is the SSK underlying data model, designed to maximize scenario reuse and customization.
The data are available on a GitHub repository : https://github.com/ParthenosWP4/SSK

```
<listEvent>
    <event>
        <head>Describe and annotate</head>
        <desc type="definition">Enrich
        the 3D object with annotation
        and/or description based on
        existing Europeana format for
        metadata.</desc>
    </event>
```

## REPURPOSING EVENTS

A research use case scenario, which is a combination of intellectual and concrete actions forming a methodological sequence, can be represented as a series of events.

| Convert to 3D long-term format | Describe and annotate |
| --- | --- |

① — ②

**2 . Describe and annotate**
Enrich the 3D object with annotation and/or description based on existing Europeana format for metadata.

```
<listEvent>
    <event ref="step_Ct3Dltf_190618"
    type="researchStep" xml:id="s1"/>
    <event ref="step_DaA_190618"
    type="researchStep" xml:id="s2"/>
    <event ref="step_CaAPw3DDaM_190618"
    type="researchStep" xml:id="s3"/>
    ...
</listEvent>
```

## MAXIMIZING REUSE

The scenarios and the steps are represented in separate documents connected by pointers, allowing steps to be easily reused in several scenarios.

| Convert to 3D long-term format | Describe and annotate | Create an archiving packet with 3D data and metadata |
| --- | --- | --- |

① — ② — ③

```
<linkGrp type="generalResources">
    <ref type="schema" source="zotero"
    target="GQ8J5PJT"/>
    <ref type="tool" source="zotero"
    target="P2M6IPXW"/>
</linkGrp>
```

## ORGANIZING REFERENCES

Inside events, bibliographic resources are referenced in <ref> elements, put together in a <linkGrp>, pointing to a Zotero database.

**GENERAL RESOURCES**

*schema*
Schéma XML pour les métadonnées métier de l'archivage de modèles 3D en archéologie
Author(s): Sarah Tournon-Valiente
"2017-01-24"

*tool*
aLTAG3D - a Long Term Archive Generator for 3D
Author(s): consortium 3D

```
<event type="step" ref="step_EaXswO_290517">
    <head mode="add" xml:lang="jp">...</head>
    <desc type="definition" mode="change">...</desc>
    ...
</event>
```
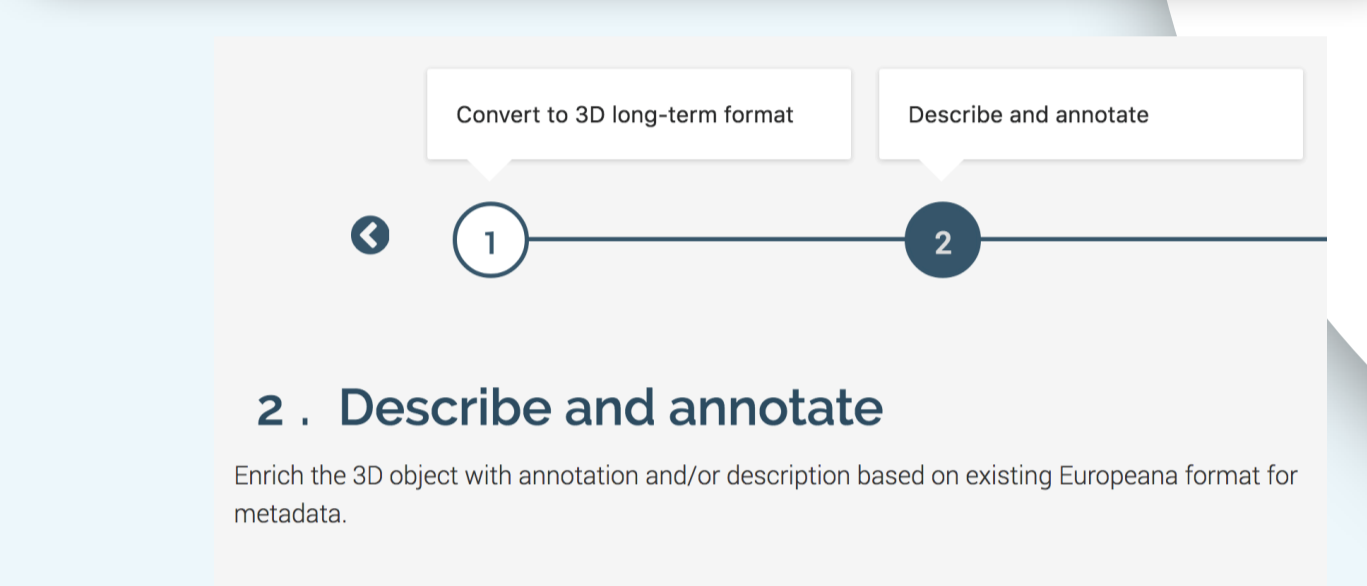
## CUSTOMIZABLE BY NATURE

ODD customization techniques can be applied using the **@mode** attribute, which is available for all the content elements of scenarios and steps.

## THE SCENARIOS

A broad coverage of all domains from Humanities and Heritage Science

**Multispectral imaging for the in-situ characterization of painted works of art**

Multispectral imaging is a technique that is currently used by scientist, conservator and art historian for the non-invasive works of art. It has a ...

cultural heritage and...   art and art history   images   photographs

**Project-centered EAD customization**

TEI ODD can be used to document data models external to the TEI environment. Several projects working with archival standards (in particular EAD) use it as well. PARTHENOS created and maintain an ...

library and information sciences   cultural heritage and museology   catalogs   encoding   mapping

**Perform statistical analysis on historical and contemporary occupations**

Given a large dataset of variables, a social scientist ... to (re)code some of the modelling techniques ... across studies, researchers can use certain standards ...

methods and statist...   data   encoding

**Raman spectrometry for the analysis of pigments on cultural heritage objects**

Raman spectrometry is a widely used technique for examining various types of cultural heritage objects, with significant contributions in studies concentrating on pigment identification. The Raman effect...

cultural heritage and museology   art and art history   artifacts   data   scanning
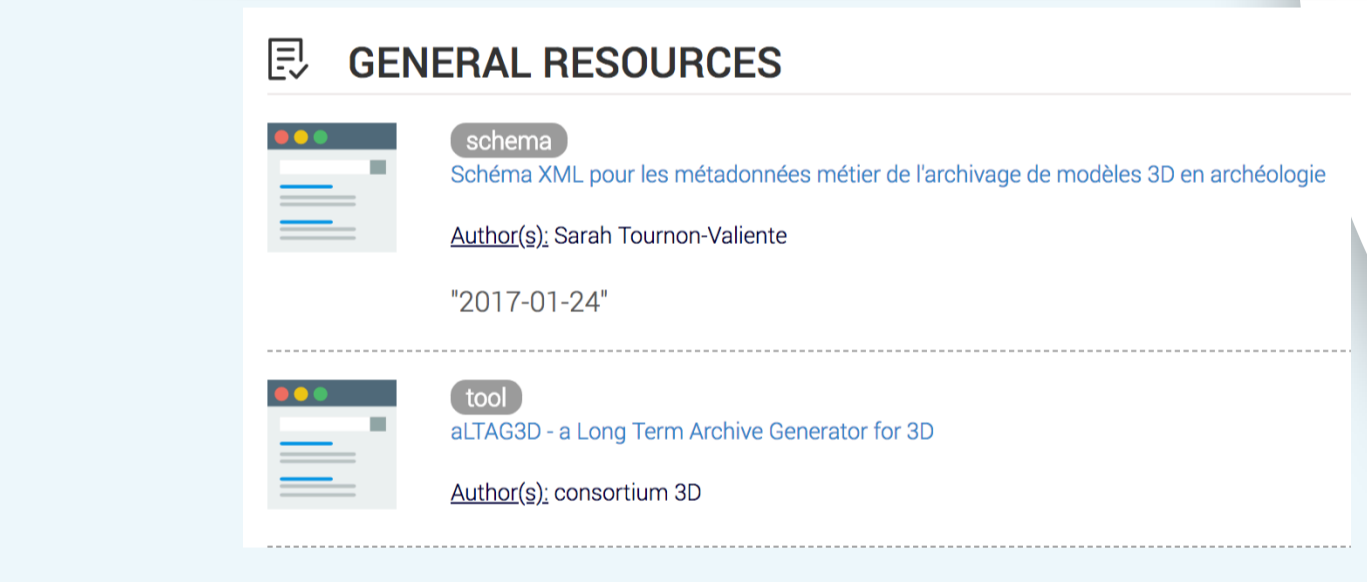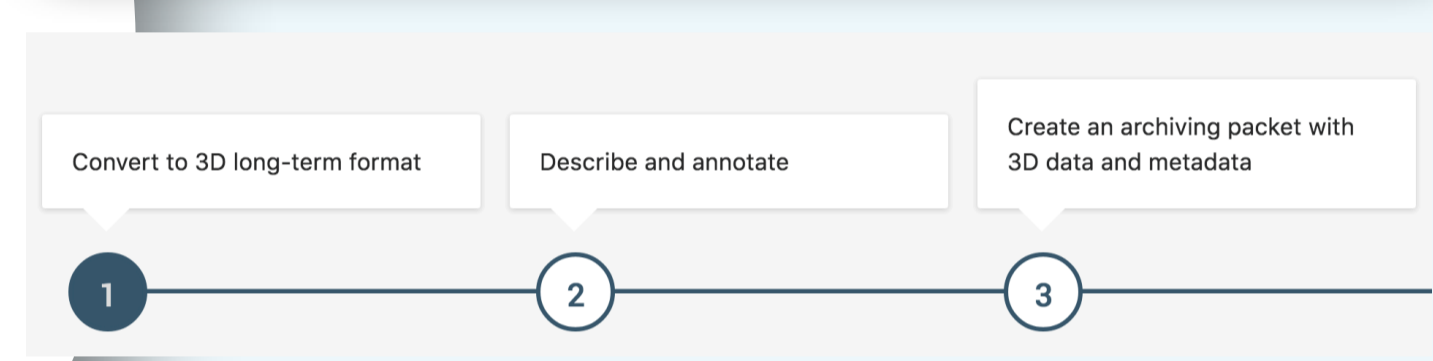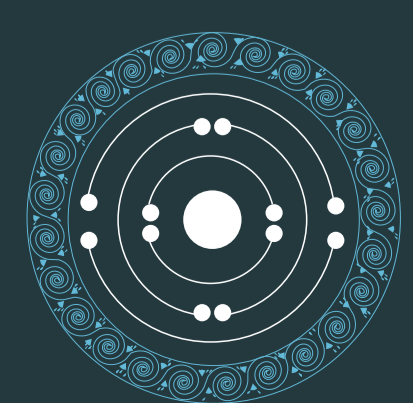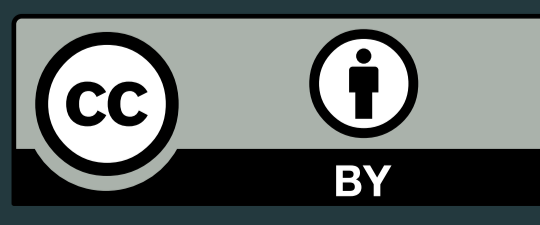
## FUTURE DEVELOPMENT : IMPLEMENTING TBX IN TEI

Scenarios, steps and resources are qualified by keywords, taken from selected terminologies (like TaDiRAH).
We plan to use the new implementation of TBX in TEI to describe such terminologies.

ssk@inria.fr

http://ssk.huma-num.fr

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