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

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

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

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>



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.

MAXIMIZING REUSE

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

ORGANIZING REFERENCES

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

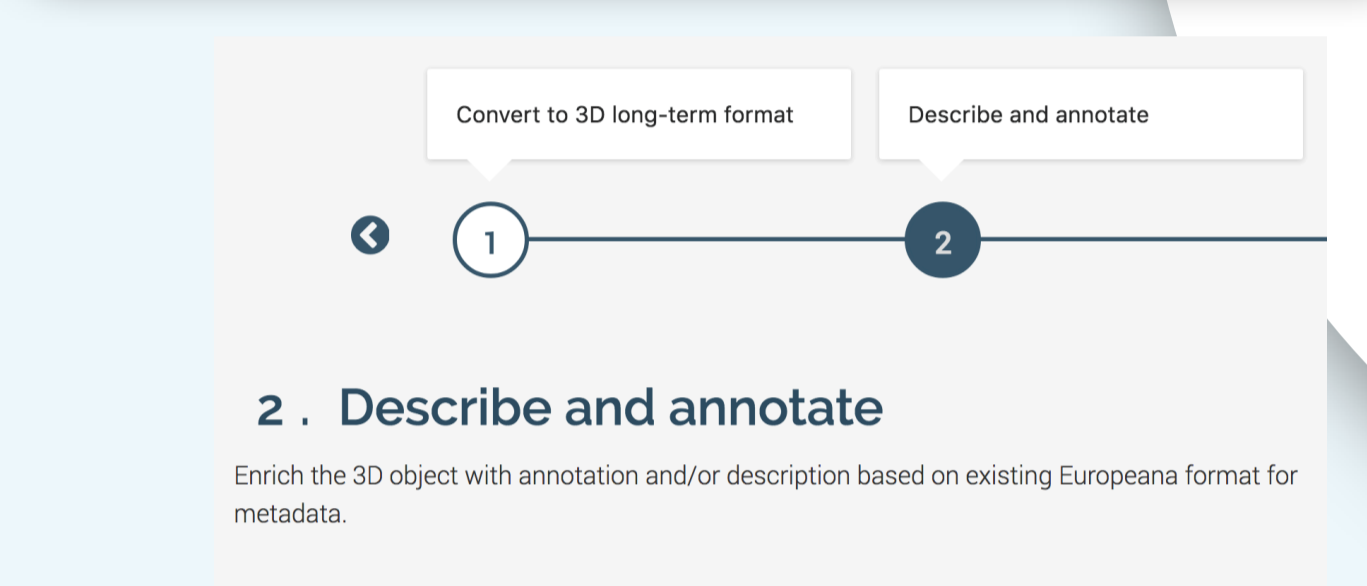
CUSTOMIZABLE BY NATURE

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

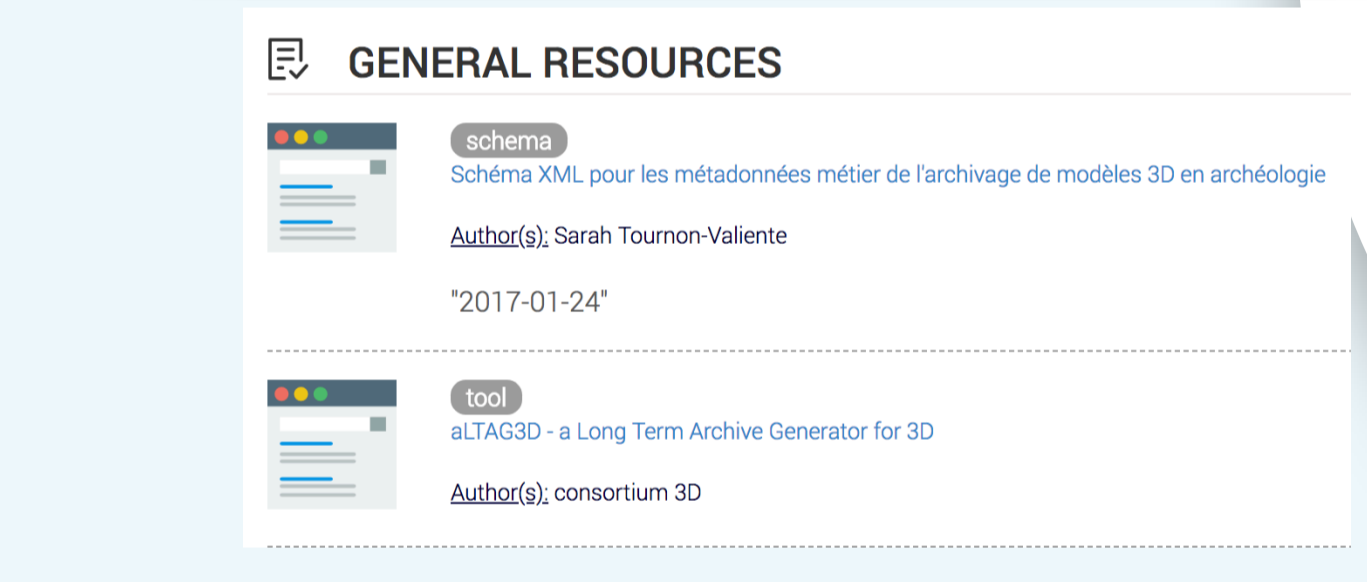
FUTURE DEVELOPMENT : IMPLEMENTING TBX IN TEI

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.

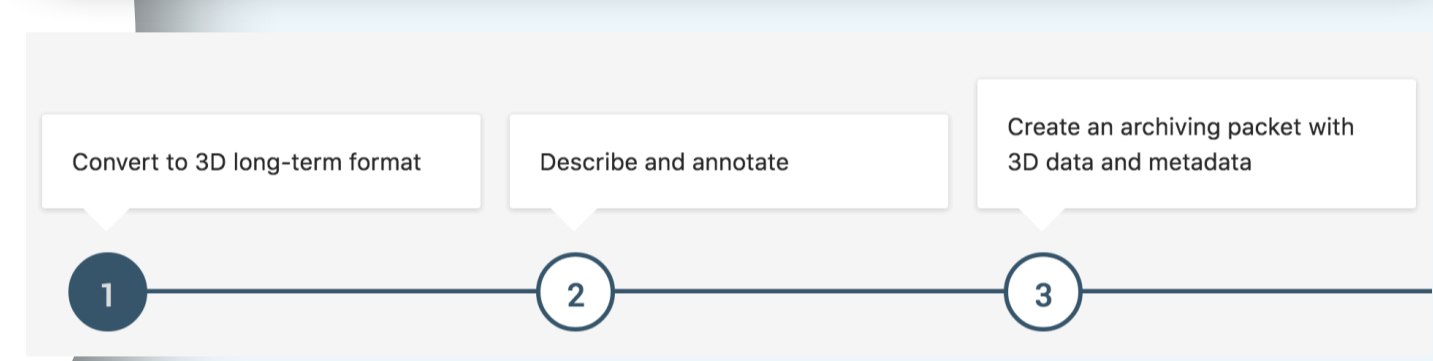
```
<listEvent>
<event>
<head>Describe and annotate</head>
<desc type="definition">Enrich the 3D object with annotation and/or description based on existing Europeana format for metadata.</desc>
</event>
</listEvent>
```



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



```
<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>
```



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

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

Perform statistical analysis on historical and contemporary occupations

Project-centered EAD customization

Raman spectrometry for the analysis of pigments on cultural heritage objects

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...

Given a large dataset of variables, a social scientist (re)code some of them to properly conduct statistical modelling techniques across studies, researchers use certain standard methods and statistical data encoding

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...

library and information sciences

cultural heritage and museology

catalogs encoding mapping

cultural heritage and museology

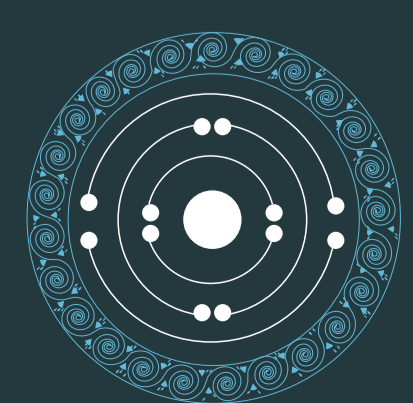
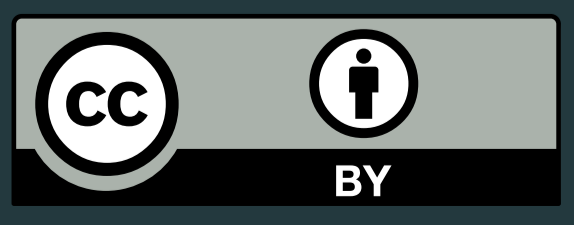
art and art history artifacts data

scanning



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<http://ssk.huma-num.fr>



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