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A scientific network serving the uses of 3D humanities

Florent Laroche, Mehdi Chayani, Xavier Granier

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A SCIENTIFIC NETWORK SERVING THE USES OF 3D HUMANITIES



WHO WE ARE CREATION, SCIENTIFIC USE AND ARCHIVING OF 3D DATA FOR HUMANITIES AND SOCIAL SCIENCE

The **3D Consortium of the TGIR Huma-Num** has been created based on the observation that there are many initiatives around 3D for the Digital Humanities without real coordination between them. The proliferation of initiatives makes the task difficult and only a consortium-type organization can bring together forces in order to define **standardized solutions**. The difficulty is increased by the fact that we are dealing with multiple domains, combining **science and technology with the humanities**. The aim of the consortium is to facilitate discussions by putting together a maximum of research groups that integrate **the use of 3D digital data in their scientific practices**, to **develops tools for acquisition, visualization, interpretation and preservation of data for the Humanities**. The consortium is therefore willing to **develop synergies between national Humanities and 3D disciplines** in order to: **share experiences; edit recommendations** in terms of **methodology, standards and formats; identify the specific needs of Digital Humanities** and link them to the rapid evolution of 3D technologies; **develop common tools and platforms**; bring French experiences into international works (**Parthenos, Dariah, ARIADNE**); (vii) disseminate all this information as widely as possible, among academics, industry and administrations.

WHAT WE DO DISSEMINATE GOOD PRACTICES

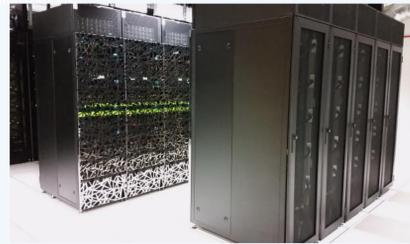
Publications of **several reports with recommendations on long term archiving 3D project, 3D softwares inventory, 3D glossary**, and specifications and needs for a project with 3D models of Cultural Heritage.



LIFE CYCLE OF 3D DATA FOR CULTURAL HERITAGE A FRENCH NATIONAL 3D REPOSITORY

French National Repository of 3D Data for researchers in digital humanities, with a secured backup environment. The data stored in the repository is accompanied by **standardized metadata** giving information on the scientific context of the project.

<http://www.conservatoire3d.fr/>



Store 3D data and metadata in CINES data center



aLTAG 3D: open source software to document the metadata of a scientific 3D project. This software is suitable with the French archiving service of **CINES** (National Computing Center for Higher Education)

<http://altag3d.huma-num.fr>

KEYWORDS



STANDARDIZED SOLUTIONS STANDARDIZATION SURVIVAL KIT (SSK)

In collaboration with the **Parthenos Project**, we have published use case scenarios for the **production and processing of 3D objects** and also for the **preservation 3D of digital objects**.

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

