„Digital Standards for Research Data from Human Skeletal Collections"

WORKSHOP

October 7-8, 2016   I   Anthropology, Albert Ludwigs University Freiburg i. Br., Germany

Dear Colleagues,

the standardization of digital research data is a challenge in modern science. In research collections, such as anthropological skeletal collections, there is a conflict between sustainable management structures and the dynamic development of new research methods (e. g. computed tomography, stable isotope analysis) and accompanying data types.

Within our project, we have developed a flexible system for collecting data from human skeletons according to established standards and/or according to customized protocols. The innovation of this approach is that it lets researchers formulate their own data standards according to the Resource Description Framework data model. These specifications can be used to customize database software, to be published and shared with other researchers.

To present and discuss our software "RDFBones", we invite you to a workshop on 7/8.October in Freiburg (Germany). The event is aimed at collection curators, anthropologists, doctoral students and other researchers who are working on and with research collections, as well as developers of applications implementing the Resource Description Framework.

The workshop consists of two parts:

On Friday (7.10.) we will start with a discussion of anthropological data in skeletal collections. In this context, we will also introduce our software "RDFBones". If you are a curator of a collection or a researcher who is dealing with data structures, we invite you to present your collection and / or software solutions for collection and reseacher managment in an oral presentation (15min.). If you wish to present, please submit a short abstract (250 words) by 20. August 2016.

On Saturday (8.10.) we will offer a guided, hands-on working experience with our software. You are invited to bring your own sample data sets. The following topics will be addressed:

- manual data entry of anthropological research data
- automated reading of existing tables and structures from CSV files
- conception and creation of software extensions to make RDFBones fit the specific requirements of your research
- data queries and output

Participation is free, we only ask you to register by 20 August 2016. For further information and registration   go   to https://www.uniklinik-freiburg.de/anthropology/research/osteologic-database-project/workshop-78-october-2016.html or contact Carolin Hachmann, (carolin.hachmann@uniklinik-freiburg.de).

We look forward to welcoming you in Freiburg.