ArcheoInf-Consortium

Archeological Institute at Ruhr University Bochum

Department of Computer Engineering, Software Development at the Technical University Dortmund

Department of Geodesy and Geoinformation at the University of Applied Sciences Bochum

Bochum University Library

Dortmund University Library
Project idea: What is ArcheoInf?
Linking data: the ontology and bibliographic data

CIDOC CRM-compatible ontology

Problem:
CIDOC CRM does not include bibliographic data

Solution: FRBRoo
(Functional Requirements for Bibliographic Records in the object-oriented version)
Combining data: CIDOC CRM und FRBRoo
Linking data: the ontology and bibliographic data

step 1:
Import into Citavi and processing of data

step 2:
Export as MODS-data and import into document repository

step 3:
Export from the repository as FRBRoo-XML-document
Linking data: field data and bibliographic data

Linking of field data and bibliographic data in the archeological databases:

- through persistent identifiers, such as DOI, URN
- through relations within the ontology model
Editing and searching bibliographic data
Function 1:

Archeologists register/publish their publication open access:

- create user account
- select type of publication
- add bibliographic data
- upload full text
- edit bibliographic data

Interface for ArcheoInf and its partners under development
Information on and links to:

- Open access in Archeology
- ArcheoInf project partners
- ArcheoInf and this web site
Function 2:

Search in the bibliographic data of the partner projects

Features:

• search bar for search in all fields
• options to limit search through publication year, subject heading, publication type …
• search history, RSS feeds
• ranking in the list of retrieved items
Thank you for your attention!

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