LTP

survey data; C-14 data; anthropological data; geological and stratigraphic data; daily excavation documentation; drawings and photogrammetric data

PUBLICATION

Excavation publication

DATA LITERACY

Manage excavation data in a collaborative and structured way

DATA LITERACY

Data can be retrieved and extended in the post-processing fully collaboratively

LTP

Long-term archiving of research data is the top priority

DATA LITERACY PUBLICATION

Data structure is a template for a later excavation publication: data, full texts and images cross-referenced

Diagram wheel labels

Center: GIS · Authority files · TIFF C14 LAS GPS

CREATION
- Capture and creation of (meta)data
- Collection of data (experiments, observations, measurements...)
- Approval procedure for the data/code sharing
- Planing of RDM
- Creating research design under aspects of data processing

PROCESSING
- Entering, digitise transcribing, translating data/code
- Check, validate, clean data/code
- Anonymise data/code if neccesary
- Describe data, document code
- Save and manage data/code

ANALYSIS
- Interpret data /code
- Deduce data /code
- Hand out research results
- Publication process under use of data/code
- Prepare preservation of data/code

PRESERVATION
- Migration of data/code into suitable format
- Create backup and save data/code
- Create and record metadata
- Preservation of data/code
- ...

ACCESS
- Distribution of data/code
- Sharing of data/code
- Control access
- Define copyrights
- Make data/code known

REUSE
- Execute further examinations with data/code
- Review previous research
- Validate previous results
- Teaching and learning
- Localise existing data/code

User Story 15

As a university professor, I lead a field research project in other European countries. I want to digitally govern the enormous amount of data that is collected daily during the archeological excavations (survey data; C-14 data; anthropological data; geological and stratigraphic data; daily excavation documentation; drawings and photogrammetric data) in a well-structured way. It is important to me that I can use and retrieve the data not only during the excavation (on site), but also during post-processing, and that several people (project staff) can enter, use and complete data simultaneously. The data structure should serve as a template for a later excavation publication, which is why it seems important to note cross-references in addition to data, full texts and illustrations. The long-term archiving of research data is the first priority. Since I am involved in teaching, I would like my students to learn how to work with this material. In order to assure myself of the content, didactic and methodological approach in teaching, I would like to complete framework training (train-the-trainer). I would also like to have easy access to teaching concepts. I need the support of my institution to transfer this content into regular teaching.

In order to carry out this research project, I need qualified staff. I have to pass on and develop appropriate skills and for this I need suitable training formats that fit the task at hand. I want to be able to articulate these needs in a central, single point of contact.