Presentation:
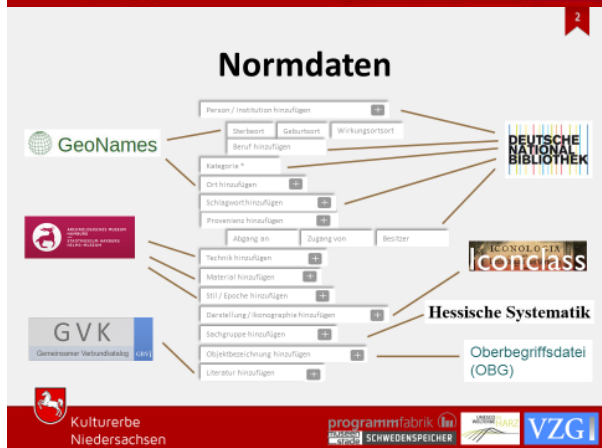**Visualization and mediation of objects in a network**

The following presentation describes kuniweb (kulturerbe niedersachsen weberfassung) which is based on the software easydb – developed by Programmfabrik.

The idea of kuniweb came up with the prior project Kulturerbe Niedersachen, a web portal which acts as an interface for different kinds of digitised objects. This project has been initiated by the Ministry for Science and Culture in Lower Saxony and presents the richness of cultural heritage in this region.

The **kuniweb project** started with 7 museums in Lower Saxony (Germany) in 2012. It is a web-based database, which all participating museums can access only requiring a webbrowser. Since 2013 the prototype turned into an official version. Until now the number of participating institutions run up to over 30 partners.

Kuniweb is an all in one solution for a community of museums. It is a digital asset management for the digital inventory of collections and at the same time a collection management system. The data model has been created according to the needs of the different participating museums. It covers all request on the one hand and supports standardization on the other hand. This is also supported through the integration of different web-services and web-ontologies. According to SPECTRUM Standard – the UK Museum Documentations Standard – workflows have been integrated in the data-model.

Ontologies, services and thesauri integrated in kuniweb

• Gemeinsamen Normdatei (GND) is an integrated authority file for persons, corporate bodies, conferences and events, geographic information, topics and works
• Geonames is a geographical database which is used for all geographic information
• Oberbegriffsdatei (OBG) is a thesaurus of monument types
• Hessische Systematik is used for subject categories
• A thesaurus created by the museums in Hamburg is used for the fields: material, technique, style and period
• Gemeinsamer Verbundkatalog (GVK) is used for literature
• the classification system iconclass is used for iconography

Workflows according to SPECTRUM Standard

The workflows according to SPECTRUM Standard have been integrated with the aim to create a holistic digital asset management and collection management within one system. Provided documentation and functions:
- Entries and exits
- Collection care
- Using
- Lending and borrowing
- Value and insurance
- Rights management

Head office of the GBV (VZG)

The GBV is a cataloguing and service-oriented network of scientific, research and public libraries. The head office of the GBV (VZG) is responsible for library automation and the development of new innovative library specific services.
The VZG is responsible in terms of technical operation regarding the projects Portal Kulturerbe Niedersachsen and kuniweb.
For the implementation of kuniweb the VZG choosed easydb as the technical basis. Among all providers which have been considerd for this project, Programmfabrik convinced with easydb - a highly flexible and also adaptable software solution.

Pogrammfabrik GmbH – easydb

Programmfabrik GmbH, based in Berlin, was founded in 2000 and is specialized in the area of web-based digital asset management (DAM). In 2003 the company established easydb and became one of the leading DAM system vendors. Easydb is not only web-based but also a modular software solution. It is based on open source tools. One of the main aspects is, that easydb is completely adapdable. With the creator users are able to create the data model easily in the frontend by mouse-click.
Easydb also supports every media-format and is able to create previews for 200 data-formats. The API also allows to implement almost every kind of external service or vobabulary. Modules and features transform the basic easydb DAM-Sytstem into a hole in one solution for collection documentation and management.

Ulrich Reiff M.A.
Oberharzer Bergwerksmuseum,
UNESCO-Welterbe
reiff@bergwerksmuseum.de

Dominika Pienkos M.A.
Kulturreferentin
Programmfabrik GmbH Berlin
dominika.pienkos@programmfabrik.de

Dr. Sebastian Möllers
Museumsdirektor
Museen Stade
moellers@museen-stade.de

Frank Dührkohp
Leiter Digitale Bibliothek
Verbundzentrale des GBV (VZG)
duehrkohp@gbv.de

Kulturerbe
Niedersachsen