Training

Do it yourself! WissKI Cloud as a semantic database for newbies.

Chairpersons:

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Description and Motivation:

WissKI (Wissenschaftliche Kommunikationsinfrastruktur - Scientific Communication Infrastructure) is a virtual research environment and linked open data management software. Beneath the fundamental possibilities to create, read, edit and delete content, WissKI offers solutions for all tasks of the research data lifecycle and help users to produce and publish FAIR data. Furthermore, users can create revisions and translations, open the access to the data with a wide range of interfaces and integration options, but also restrict it via detailed rights management. The linked open data is stored in an external triple store, reachable trough own endpoints and therefore is independent from Drupal or WissKI's architecture. The data modelling follows an ontological approach, preferably, but not exclusively according to the CIDOC CRM. As part of the open source content management system Drupal, WissKI provides all the advantages of an constantly maintained and developed webapp.

The basic functions of WissKI can be extended with a variety of Drupal modules. This turns WissKI to a full-featured research data management software - suitable for a wide range of application areas. Currently, thanks to the new developments behind of Drupal Starshot, WissKI can be implemented easier than ever, without any programming and IT knowledge. The workshop aims to showcase how to build from scratch a ready to go instance of virtual research environment system for 3D data with use of Drupal CMS, WissKI Recipies, WissKI Cloud and WissKI Flavours. We will go through basic management of the website, principles of ontologies and data modelling and customizing the webpage for specific needs.

Target Audience:
Researchers, GLAM sector and anyone dealing with research data and 3D data, who wants to share and preserve knowledge in sustainable way with no need of investment of money in complicated IT systems requiring a whole bunch of IT workers for maintenance of it.

Keywords:
#semanticweb #WissKI #virtualresearchenvironemnt #3D #FAIR #LinkedOpenData

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(Subject: Registration Training "training title").