



Scientists don't want you to know this simple trick to make your DATA MODELS reusable (NOT CLICKBAIT!!)



PUDEL - A New Service for Sharing and Documenting Data Models

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13 views 1 hour ago

Problem & Goal

The documentation, publication and reusability of data models does not often play a central role in Humanities research projects. As a result, data models are often difficult to find and comprehend, limiting their reusability across research projects. This project aims to build a web service that provides an easy-to-use way to publish and search data models, vocabularies and their documentation regardless of format, size and completeness in a FAIR way.

Simplicity

PUDEL provides an intuitive web interface for publishing and documenting data models. Additionally, PUDEL offers integration with the open repository Zenodo.

Transparency

The Git-based storage backend allows to keep all versions of a data model easily accessible and comparable. The goal is to make changes in the data model transparent and easily understandable.

Openness

PUDEL supports multiple widely used data formats for data models and vocabularies. The OpenAPI standard is implemented to create comprehensive and standardized documentations for the service.

Flanders, Julia / Jannidis, Fotis (2015): "Knowledge Organization and Data Modeling in the Humanities", <<https://nbn-resolving.org/html/urn:nbn:de:bvb:20-opus-111270>> [25.04.2023]

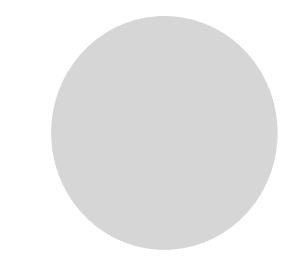
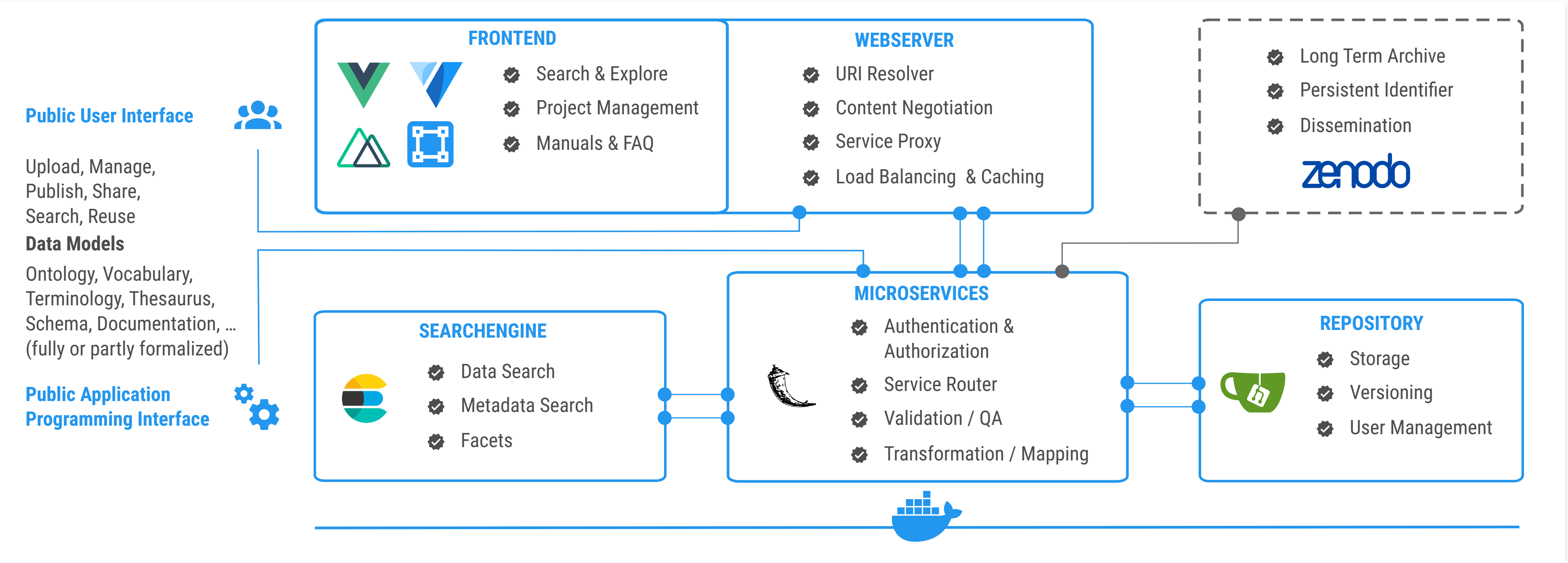
Wilkinson, Mark D. et al. (2016): "The FAIR Guiding Principles for scientific data management and stewardship", Sci Data 3: 160018, <<https://doi.org/10.1038/sdata.2016.18>> [25.04.2023]

4 Comments



@kompetenzwerkd 2 minutes ago

before anyone asks, here is a diagram of our service architecture ;)



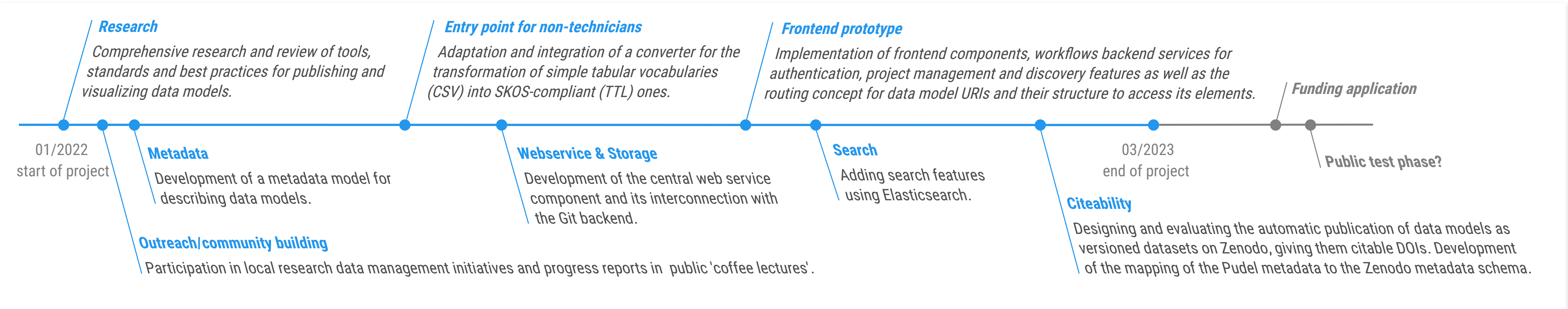
@realProfessor42 11 minutes ago

is this really necessary???? sounds like just github with a custom frontend??



@saxfdm4eva 23 minutes ago

Of course the authors forgot to mention that PUDEL started as a SaxFDM (Saxon Research Data Management Initiative) focus project 🤔



@smwk_sn 41 minutes ago

This project is co-financed by the Saxon state government out of the state budget approved by the Saxon state parliament