







ABuDaT - Administrative Budget Data Transformer

enables users to transform real world administrative budget data into the openbudgets.eu RDF data model.

Useful links:

Linkedpipes: http://etl.linkedpipes.com/documentation/ OpenBudgets.eu: http://openbudgets.eu/about/objectives/

Documentation: http://github.com/
Demo-video: http://in-progress...

Components:

Virtual Machine:

VMs: Ubuntu16-Abudat

WS: EIS03

OS: Ubuntu 14.04.04 32

Login: eis-user

Pass: E1sUserAbudat

RAM: 2 GB

Front-End:

- Description of the input fields
- Description of most important configuration

Back-End:

- Communication with LinkedPipes instance
- Communication with Validator

LinkedPipes > ETL

Gradle® for the build process

Spring® Powered









- A semantic data model;
- Libraries of visualization, data-mining and analysis tools.

The **IDEA** is:

to publish budget data following semantic web principles to make the datasets easier to analyze for the government and citizens..

GOALS of the project:

- Implement transformation of government data published in various formats like xml, csv into the openbudgets.eu RDF data model.
- Implement a UI for non-technical people using the REST service of http://etl.linkedpipes.com/

Result

 Budget data available in openbudgets.eu RDF data format.



User Interface



Mentor: Fathoni Musyaffa