



# ABuDaT - Administrative Budget Data Transformer

Makes fiscal data transformation easy.

**Goal:** Foster fiscal transparency by enabling non-tech savvy users to transform raw fiscal data to the OpenBudgets.eu data model to make data comparable across government levels, regions, and countries.



OpenBudgets.eu

**OpenBudgets.eu** is an EU funded project aiming for fiscal transparency.

## Objectives

- A library of visualisation tools
- A library of data mining and comparative analysis tools
- A feedback and citizen engagement interface
- **A semantic data model**

## Challenges

- Governments publish fiscal data
  - Different structures and languages
  - Various file formats like CSV, XLS or JSON
- Transformation of those datasets to a well-known format
  - Validation of the transformation results

## ABuDaT

- Easy to use, well-explained User-Interface
- Form Validation to prevent Errors
- Supports CSV and XLS input
- Result Dataset Validation
- Extract-Transform-Load through LinkedPipes ETL
- Ultra-Fast, NoSPARQL RDF Data Cube Validation
- Well tested - pure JAVA based Implementation

## Virtual Machine

VM: Ubuntu16-Abudat

Workstation: EISO3

Local login: eis-user

Password: E1sUserAbudat

Remote Login: 905916008

Password: E1sUserAbudat



**ABuDaT is Open-Source Software designed as a Client-Server based Web Application.**

Powered by:



Thymeleaf



Gradle



## Documentation and Source Code::

<https://github.com/EIS-Bonn/MA-INF3232-4313-Lab-SS2016/tree/master/Ge>

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