



Semantic Lifting of Budget Data

Semantic Data Web Technologies Lab

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1.

Functional requirements



Functional requirements

REQ_ID	REQ_NAME	DESCRIPTION	PRIORITY
1	Data Transformation	Use open-source tools to perform the extraction, transformation, loading and quality assurance of the datasets. (OBEU RDF data model)	1
2	User Interface	Implement an easy to use web interface.	1

Functional requirements contd..

REQ_ID	REQ_NAME	DESCRIPTION	PRIORITY
3	Data export	Data export into OpenBudgets.eu RDF format	1
4	Validation of output	Validation of the transformation result following Linked Data Principles also publish the transformation result into triple store	2

Functional requirements contd..

REQ_ID	REQ_NAME	DESCRIPTION	PRIORITY
5	Publication of Output	Publish transformation results to a triple store provided by the customer.	2
6	Data Sets	Data needs to be interlinked with Linked open data sets (e.g. DBPedia)	3

2.

Non-functional requirements



Non-functional requirements

REQ_ID	REQ_NAME	DESCRIPTION	PRIORITY
1	Usability	User-friendly interface. The UI should be intuitive and easy to use for novice users.	1
2	Technical System Documentation	The documentation about should contain architecture, functionality and usage.	1
3	Robustness	The UI should be able to deal with errors and abnormalities in the input data.	1

Non-functional requirements

contd..

REQ_ID	REQ_NAME	DESCRIPTION	PRIORITY
4	Open Source	The system should be released under an open source license for further development by others.	1

Thank you!
(Any questions?:)