

DDB-EDM to FaBiO: The Case of the German Digital Library

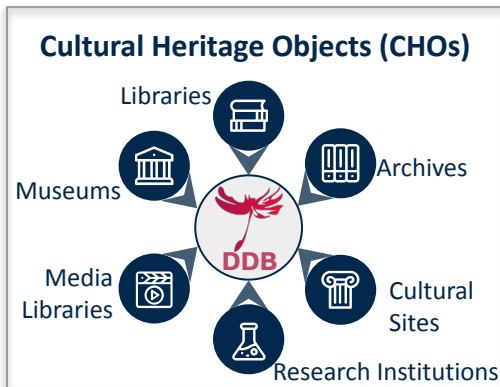
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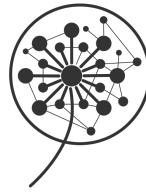
<https://ise-fizkarlsruhe.github.io/ddbkg/>

Motivation

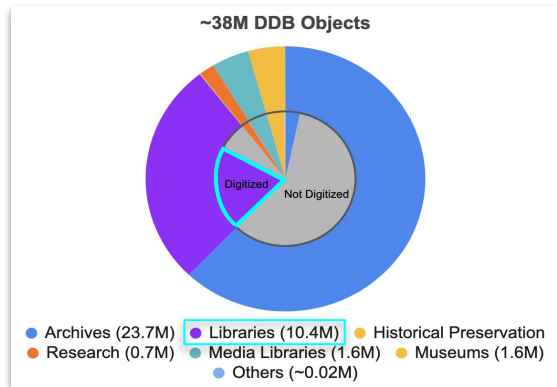


Challenges:

- Heterogeneity
- Volume
- Granularity



SEMANTIC WEB TECHNOLOGIES



DDB-EDM to FaBiO

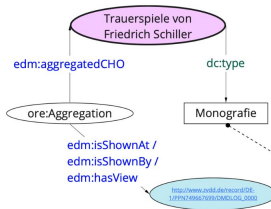
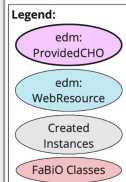
<https://git.io/JERRO>

FaBiO has 238 Classes

DDB objects types
770 Object Type Terms
dc:type, edm:hasType

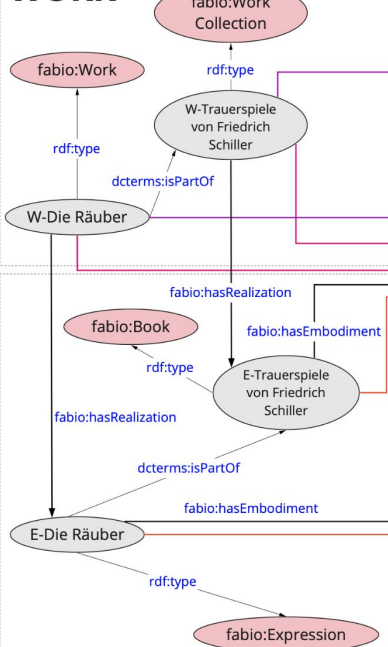


DDB-EDM



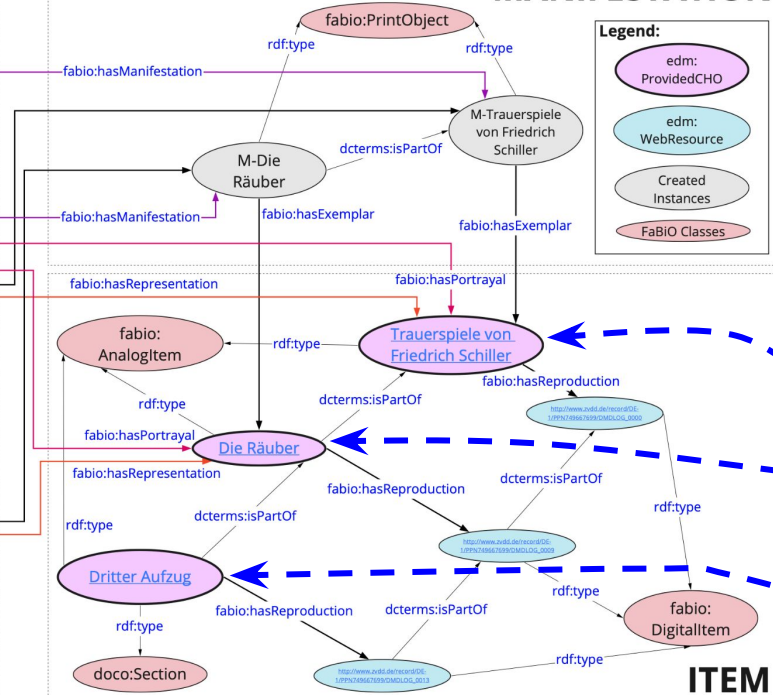
FaBiO

WORK



EXPRESSION

MANIFESTATION



<https://bit.ly/3h5Uf2F>

Friedrich Schiller's Dramas

Contained Work

- ↳ The Robbers
- Section
- ↳ Cast
- ↳ First Act
- ↳ Second Act
- ↳ **Third Act**
- ↳ Fourth Act

Trauerspiele von Friedrich Schiller

Contained work

- Die Räuber
- Section
- ↳ Personen.
- ↳ Erster Aufzug.
- ↳ Zweiter Aufzug.
- ↳ **Dritter Aufzug.**
- ↳ Vierter Aufzug.
- ↳ Fünfter Aufzug.

SPARQL Endpoint: <http://ddbkg.fiz-karlsruhe.de>

References:

[1] M. A. Tan, T. Tietz, O. Bruns, J. Oppenlaender, D. Dessì, H. Sack: DDB-EDM to FaBiO: The Case of the German Digital Library. In Proceedings of the 20th International Semantic Web Conference - Posters and Demos (ISWC2021-P&D), Virtual Event, October 26, 2021.



Leibniz Institute for Information Infrastructure



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