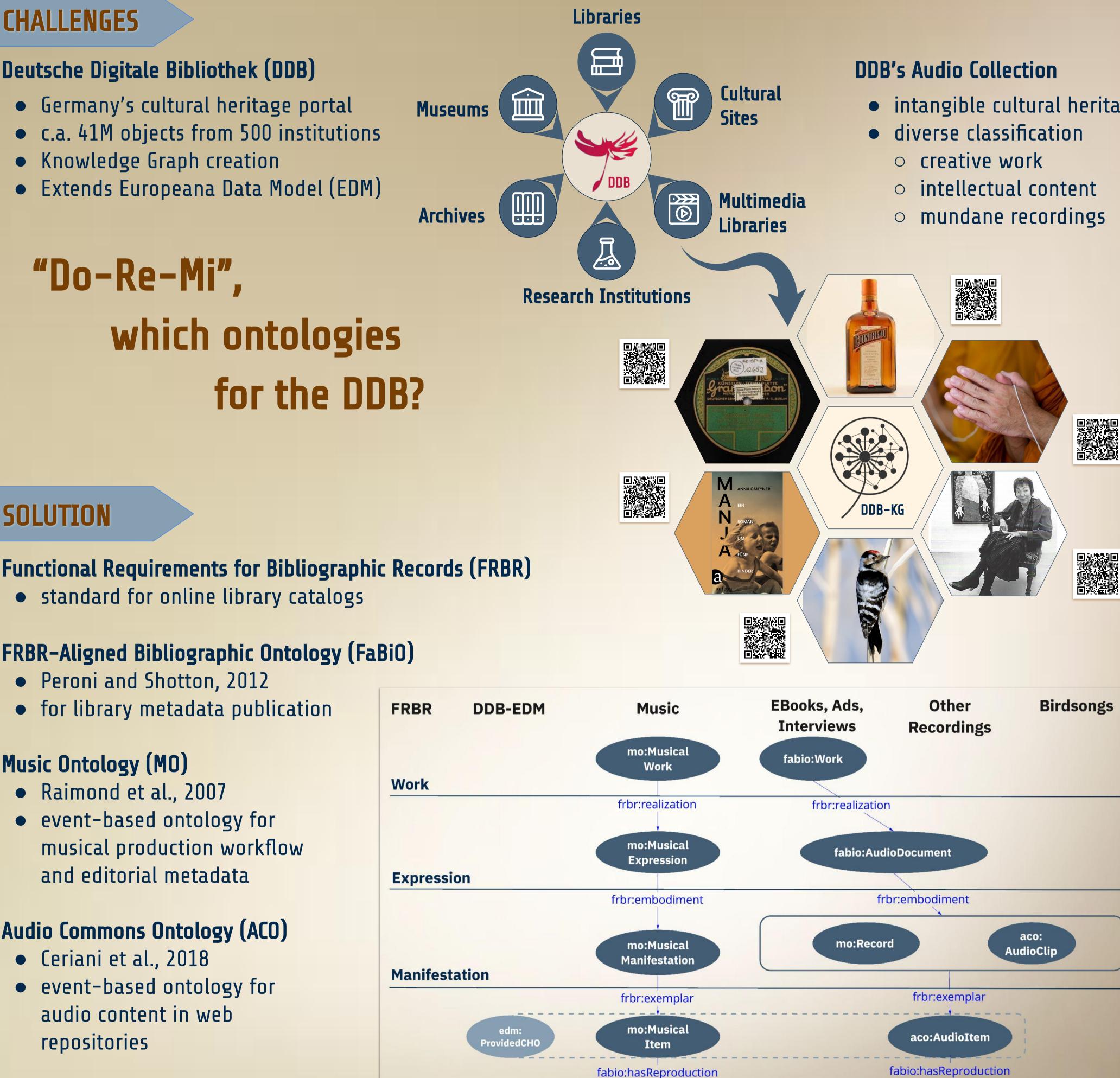
Audio Ontologies for Intangible Cultural Heritage Mary Ann Tan^{1,2}, Etienne Posthumus¹, Harald Sack^{1,2}

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- intangible cultural heritage

SOLUTION

Functional Requirements for Bibliographic Records (FRBR)

FRBR-Aligned Bibliographic Ontology (FaBiO)

Music Ontology (MO)

Audio Commons Ontology (ACO)

CONCLUSION



- FRBR-based ontologies for interoperability.
- Alignment from DDB-EDM to FRBR, FaBiO, MO, and ACO.
- Adaptation of audio ontologies from event-centric to object-centric modeling paradigm.

References

- 1. Ceriani M, Fazekas G (2018) Audio commons ontology: A data model for an audio content ecosystem. In: Vrandečić D, Bontcheva K, Suárez-Figueroa MC, Presutti V, Celino I, Sabou M, Kaffee LA, Simperl E (eds) The Semantic Web – ISWC 2018, Springer International Publishing, Cham, pp 20–35, https://doi.org/10.1007/978-3-030-00668-6 2
- 2. Peroni S, Shotton D (2012) FaBiO and CiTO: Ontologies for describing bibliographic resources and citations. Journal of Web Semantics 17:33–43, https://doi.org/10. 2139/ssrn.3198992
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Image of a woman in a library listening to music from Shutterstock (https://shutr.bz/3Pyjs4N)

Acknowledgements

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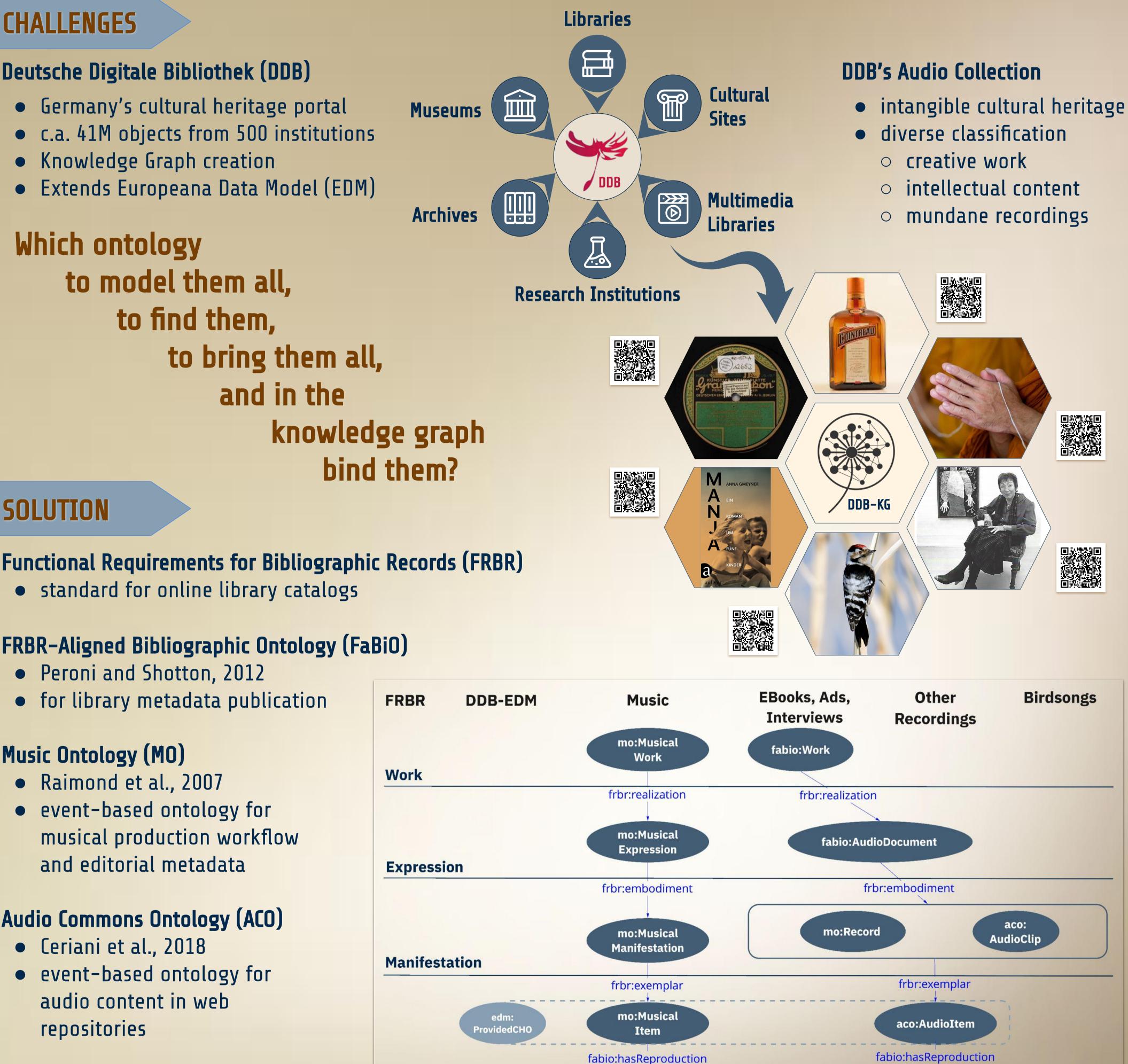




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SOLUTION

Functional Requirements for Bibliographic Records (FRBR)

FRBR-Aligned Bibliographic Ontology (FaBiO)

- for library metadata publication

Music Ontology (MO)

- event-based ontology for

Audio Commons Ontology (ACO)

- Ceriani et al., 2018

CONCLUSION



- FRBR-based ontologies for interoperability.
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