Mapping and Exposing MusicBrainz with Linked Data

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Abstract. In this demo we shall show how MusicBrainz data is mapped from its relational source into RDF via R2RML, and how it is interlinked with other sources such as DBpedia. We shall show, furthermore, how a music-oriented application can be quickly built over such cross-set Linked Data, including visualisation, using the Information Workbench. Other tools that will be demonstrated include Ultrawrap, as an R2RML engine, and OWLIM, and a triplestore.

1 Introduction

A vision of MusicBrainz as a rich Semantic Web resource is a long-standing one [1]. In reality, however, MusicBrainz has had a chequered history with Semantic Technologies. In this demo we'll show how the latest approach to bringing together Linked Data technologies and principles with the MusicBrainz dataset enable relatively much easier application construction with latest generation tools.

2 Conclusion

References

1. Swartz, A.: Musicbrainz: A semantic web service. IEEE Intelligent Systems 17(1), 76–77 (2002)