



Logic-Based Ontology Engineering

Summer Semester 2018

Exercise Sheet 5

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Exercise 5.1 In preparation of the next exercise session, make yourself acquainted with musical instruments. We want to build an ontology used in a shop or shopping website for musical instruments.

(a) Read into the topic and pay attention to the following aspects:

- the “mechanism” by which instruments generate a sound
- the material and / or main parts of instruments
- instruments according to music genres
- geographical origin of instruments
- music for particular (classes of) instruments
- other categories of instruments

(b) Take a look at the following web pages to be well-informed about musical instruments:

- https://en.wikipedia.org/wiki/Musical_instrument
- <https://www.factmonster.com/cool-stuff/music/families-musical-instruments>
- https://www.naxos.com/education/music_instruments.asp

and perhaps others.

(c) Bring your laptop to class with Protégé installed and OWLx activated.