Semantic Web

Tutorial 6
“Autohaus” Example

GoodRelations
The Web Ontology for E-Commerce
Scenario

“The car dealership “BMW Niederlassung München” offers a single instance of a car (BMW 123d) that has 150 KW and a CO2 emission of 148g/km, for 32.000 Euros.”
Three parts have to be expressed:

1. There is a business entity named “BMW Niederlassung München”.

2. There exists a single car (BMW 123d) that has 150 KW and a CO2 emission of 148g/km.

3. There is an offer made by the business entity to **SELL** this particular car for 32,000 Euros.
UN/CEFACT String for "Piece"
1. Define Namespaces and Prefixes

2. Choose a products and services ontology to describe the product and import GoodRelations.
3. Describe the business entity.

4. Describe all things that are being offered (not yet the offer itself, just the items).
5. Describe the offer and links the offer to the business entity making it.

6. (Optional) RDF Validator

http://www.w3.org/RDF/Validator/
GoodRelations Primer and User’s Guide:
http://www.heppnetz.de/projects/goodrelations/primer/

Testing:

Protégé http://protege.stanford.edu/

(Download: http://protege.stanford.edu/download/registered.html Protégé 3.3.1)
Thank you!