

01. July 2010

## Semantic Web Services

# Exercise sheet 12

## Applications

### Exercise 1 (DIP tools - WSMT) (10 points)

Download and install WSMT from [1] and get familiar with the tool. Take the modified simpsons ontology that you developed in Exercise 8 WSML and execute the following queries using the WSML-Reasoner view of WSMT

- `?x memberOf actor`
- `?x[hasGender hasValue ?y] and ?x memberOf actor`
- `?x[hasTVShow hasValue ?y] and ?x memberOf actor.`

For each query explain briefly the result.

### Exercise 2 (SUPER tools – BPMO Editor) (10 points)

Download and install the WSMO Studio [2]. Open the BPMO Editor perspective of the studio and create a simple process for a foodstore business. Explain the process model you created and justify the use of different building block when building the process.

### References

- [1] <http://sourceforge.net/projects/wsmt>
- [2] <http://www.wsmstudio.org/super/>