CSCI 8380 – ATIS (S'10)

Small Project 1: (due Feb 15th, Mon)

Adapt the source code for Chapter 2 on the following web site:

http://semwebprogramming.org/?page_id=11

The adaption requires the following steps:

- Creation of a schema and a few instances for DBLP data set using Protege:

http://www.informatik.uni-trier.de/~ley/db/

http://protege.stanford.edu/

- Creation of a schema and a few instances for Google Scholar data set:

http://scholar.google.com/

Make sure you have at least one common author between these two data sets (e.g. Amit Sheth) and model co-author relation in both schemas.

- Store both ontologies in Jena:

http://jena.sourceforge.net/

- Align two ontologies (follow the similar steps for FOAF and People ontologies in the example).

- Query ontology to find co-authors of the common author(s) (e.g. Amit Sheth).

Post your source code in zip format on your course web page; follow a similar structure with example code.

Spot demos will be asked on due date in the class. Bring your laptops on 15th.

Thanks.