CSE 5392/7392
Summer Semantic Web
Assignment 1
Due: Sunday Midnight Jun 13

- Download the FOAF Vocabulary Specification: January 2010
- Create an N3 document that describes yourself using the foaf vocabulary. Use as many of the foaf terms as you can. Reveal only information you are comfortable with since this data may be used on a public website.
- Do some research on the web and find a foaf:Person for whom there is a "foaf:knows" relationship to Chris Walken.
- Create another N3 document that provides foaf descriptions of that foaf:Person.
- Upload to blackboard Assignment A1 for this class.

Issues:

- How do we all refer to Chris Walken in a way that other ontologies out there can interconnect to our ontologies?
- There is no agreed upon URI for Chris Walken!
- But, we can refer to him as the anonymous object that is of rdf:type foaf:Person that has a foaf:lastname of "Walken" and a foaf:firstName of "Christopher" and a foaf:nick of "Chris".
- N3 lets us use semicolon ";" to introduce another property of the same subject. It also lets us use a comma "," to introduce another object with the same predicate.

_:unk1 rdf:type foaf:Person;
  foaf:firstName "Christopher";
  foaf:lastName "Walken";
  foaf:nick "Chris".

N3 allows a shorthand "a" in place of rdf:type, so the following is equivalent.

_:unk1 a foaf:Person;
  foaf:firstName "Christopher";
  foaf:lastName "Walken";
  foaf:nick "Chris".

This reads "there is some thing that is a Person with a first name of ..."