Assignment 1: Xinformatics (Spring 2012) (15% written and 5% for presentation)
Due: TUESDAY February 21, 2012 (by 12pm ET)
Submission method: written document and presentation (after you present it) by email to pfox@cs.rpi.edu and Abigail Fuller fullea6@rpi.edu.
Please use the following file naming for electronic submission: Xinformatics2012_A1_YOURFIRSTNAME_YOURLASTNAME.xxx
Late submission policy: first time with valid reason – no penalty, otherwise 20% of score deducted each late day
Note - Office hours: Monday 3-4, Winslow 2120

Note: Your report for this assignment should be the result of your own individual work. Take care to avoid plagiarism (“copying”), including all web resources, texts, and class presentations. You may discuss the problems with other students, but do not take written notes during these discussions, and do not share your written solutions.

General assignment: Analysis of cognitive, collection and social/cultural aspects of information in signs - discussed and decomposed. The weighting score for each question is included below. Please use the question numbering (1-3) below for your written responses for this assignment.

1. Choose a signage ‘system’ (6%)
   a. Pick an analog or digital **information** system that utilizes ‘signs’ (icons, indices, symbols). It can be one you like or dislike. Write min. 1-2 sentences on why you made your choice. Include a graphic of your choice.
   b. Describe signs in the system you chose. Write min. 1-2 sentences per sign.
   c. Document how you classified the signs according to categories defined in class, e.g. what is the signifier and what is signified. Min. 1 sentence per sign component.

2. For your chosen signage system what library, cognitive and/or social science principles have been applied in their development? What, if any, attention is given to syntax, semantics, and pragmatics; describe them - min. 3-4 sentences (5%)

3. Perform your own conceptual information modeling exercise of the chosen system, what are the objects, relations, etc. and how did they match or not match the system you examined? Min. 3-4 sentences (4%). Submit at least a conceptual model that you developed.

4. Present the material in Q 1-3 and discuss the informatics considerations - 5 mins (~3-5 slides) including questions (5%).