PROJECT REFINEMENT

For our class project, we will be developing a single website which demonstrates ***knowledge-based hyperlinks*** *(perhaps just **SmartLinks**)*. Active items (words, graphics, diagrams, sections, etc) will permit traversal of the website based on semantic rather than syntactic references.

Discussions and decisions:

1. Review of relevant class handouts, and research into possible approaches.

2. Identify the task that the potential user of the website will be trying to accomplish. Develop several scenarios which capture the semantic need and intent.

3. Identify the types of traversal available to the user. Rough out the engine functionality and the system architecture.

4. Select a content area for the site which facilitates task accomplishment. The types of smart links will depend directly on the content and functionality of the site.

5. Identify the requisite languages, skills and roles for the project. (content and site development, link definition, engine development, interaction design,...)

6. Discuss the issue of novice vs expert users.

7. Brainstorm possible models of interactivity and interface displays. How will the user:
 1) know what is possible? 2) know what to do? 3) communicate their needs?

8. Assignment of tasks to individuals.

Recall

- Our links will be more useful if they are filters rather than generators.

- We may use several types of traversal, but each type will have a separate underlying traversal graph. We will eliminate interaction between semantic components.

Individual assignment:

Construct a **graph** of a possible site, with nodes being content chunks and links being traversals. You will need to
 1. make up some *rough* content chunks in a content area (the class should have decided the content area tonight),
 2. imagine some tasks, queries and traversals,
 3. identify the type of connection being traversed,
 4. specify in detail some content containing the link and some content being traversed to, with emphasis on the semantic connection between the two, and
 5. be prepared to show this graph to the class.