6.868/MAS.731J: Society of Mind Spring 2007, April 5

Lecture 7: Problem Set 7 (Due Apr. 11)

Reading: Emotion Machine, Chapter 6

Problem 1

In order to find meaningful answers you must first be able to formulate good questions. List ten questions you would like to answer about Chapter 6.

Problem 2

You could think of scripts as compiled plans.

- a) Write a script for going to a restaurant as a sequence of actions. For an example of a script, see pg. 192-3.
- b) List the transframes in each applicable mental realm (the Panalogy representation) for each step of the script.
- c) Imagine now that you are trying to plan for cooking some food at home. Do the same thing you did in parts (a,b) for this second plan.
- d) Now list the similarities and differences between the panalogies in your two scripts. This will form a matrix-like structure.

Note that the process of adapting the second plan from the first script, by analogy, could be described as actions within a reflective-level script!

Problem 3

Imagine a situation in which you are hungry.

- a) List what this knowledge would look like (e.g., your goals, your environment). Consider this knowledge to be reactive.
- b) Describe two deliberative level critics that can select between these two eating-plans from Problem 2 using some of the knowledge in the reactive level.

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