

## Reading Questions 6 (optional)

CMU 17-654/17-754: Analysis of Software Artifacts  
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Due: Tuesday, April 26, 2005 (10:30 am)

10 points total

### **Readings:**

- John Bergey, Dennis Smith, Scott Tilley, Nelson Weiderman, Steven Woods. Why Reengineering Projects Fail. Technical Report CMU/SEI-99-TR-010.
- Gail Murphy and David Notkin. Reengineering with Reflexion Models: A Case Study. IEEE Software, August 1997.

*Note: When answering these weekly reading assignment questions be concise. It is expected that each question set can be answered adequately in a page of text or less. Rambling answers with irrelevant detail will not be received warmly. On the other hand, answers should contain enough detail to understand clearly what you are saying. Good English grammar and syntax is important, as always.*

### **Questions:**

- If an organization is undertaking a major reengineering effort briefly describe 3 concrete measures that the organization can do to avoid failure of the effort?
- Unlike some other reverse engineering tools, Reflexion Models is a semi-automated technique, requiring the user to specify a high-level model and a mapping from the code to the model. Briefly explain why, in some circumstances, this can be more effective than a fully automated technique that extracts a model from code without user input.