Summary of the Presentation Discussion
Kyle Taylor

The first conclusion we came to was that the box pi-calculus needs to be reformulated. We also decided that the calculus needed to be applied to real examples. Further, we decided that there needed to be tool support developed to handle automation of wrapper analysis. Next, we discussed the usefulness of wrappers in a security context. The consensus was that wrappers appear to be useful but criteria is necessary to determine when they are applicable. Brian presented the useful example of a Model and a View becoming out of sync because of a wrappers intervention. Kyle described .net as a motivating example for using security wrappers. Next we discussed how wrappers should be applied. We were generally skeptical that a common user would be able to correctly decide how to apply wrappers. Following this line of discussion, it was stated that users must understand the semantics of the wrappers that they are employing. Further, we discussed the fact that wrappers make good reusable components since security policies do not change quickly. Ali E. then brought up the issue of using wrappers on distributed systems. Specifically, he was curious as to how they could be used to detect intrusion. At this point, it was stated that wrappers take a very course grained approach to security. They can only be used to regulate causal flow. This led to some discussion of using wrappers in conjunction with other formal techniques. The most interesting concept that came out of this line of reasoning was that wrappers could act as a portable sandbox. Finally, Jesse raised some concerns about the complexity that using wrappers would add.