Distributed and Operating Systems Group

Advanced Operating System Issues (AOSI)

Excercise Sheet 3
Due date: 15.11.2012

1 CORBA and FAMOUSO

1. Explain the difference between Events and Notifications in CORBA!

2. Define the different services that are part of a general CORBA architecture! Which of them are absolutely necessary for a distributed system and which are optional?

3. What is the difference between a PushConsumer and a PullConsumer Is this concept apllicable to general Publish/Subscribe systems? Why?

4. What are major limitations of CORBA. How are these limitations overcome by FAMOUSO. What limits does FAMOUSO have.

2 Event-based Systems

1. Consider a point-to-point encryption system like SSL which is to be used in an Event-based System without space-coupling. Which problems arise and how could these be solved?