Faculty of Computer Science
CS6999 Reading Course Presentation

Quality of Services in Distributed Computing

By

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3:30 p.m.
ITC317

STUDENTS ARE ENCOURAGED TO ATTEND

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This presentation gives a general view of quality of service (QoS) in distributed computing. The general runtime quality attributes of services include performance, reliability, functionality, and security. The Common Object Request Broker architecture (CORBA) provides a uniform middleware layer over distributed computing environment. CORBA defines a QoS framework to manage distributed system QoS, which allows applications to specify various policies and negotiate it with ORB to control the ORB QoS attributes. This presentation also describes some QoS aspects that are considered by CORBA, such as fault tolerance, performance, priorities and scheduling.