

Mid-term Exam

CSE486/586
Distributed Systems

Topics

- ◆ Distributed Systems(DS): Chapter 1- 9 except ch.3 and ch.6
 - Characterization of and challenges in DS: Ch.1
 - System models: Ch.2
 - Interprocess communication: Ch.4 (IP multicast, group communication, etc.)
 - Distributed Object and remote Invocations (RMI and webservices): Ch.5
 - Security: CA, Needham-Schroder, Kerberos Ch.7
 - Distributed file system: NFS, Andrew File system Ch.8
 - Name Services: Directory and Discovery services; Java Naming, JNDI features Ch.9

Topics

- ◆ CORBA Naming Service (Ch.7)
 - Starting at 7.2
 - Naming graph
 - Name resolution
 - Binding and unbinding
 - Creating and deleting naming context
 - Listing the context of a naming context

Exam Format

- ◆ You may bring 2 sheets of any information you like.
- ◆ No definition
- ◆ Be precise and use code samples where ever needed.
- ◆ 5 questions with subsections
- ◆ Total points will be scaled down to 100 points.

Specific Topics for Questions

- ◆ Project 1: Webservices/ RMI
- ◆ Distributed object model
- ◆ Network file system (AFS)
- ◆ Naming service (CORBA)
- ◆ Security: Needham-Schroder, Kerberos, Certification systems.

Time and Date

- ◆ October 13, Monday from 1.00-1.50pm.
- ◆ Place: 260 Capen