

CS 6/75995 Internet-based

Applications & Systems Design

Kent State University

Dept. of Math & Computer Science

LECT-4

Application Architecture











API to Network



































Obtaining Information about Network Services

- WHOIS a special server service, which allows a client in one machine to obtain information about user who has account in server machine. It runs on Port 43.
 - Ptr=getservebyrname(name,proto)
- Name is the address of a desired service, and proto is usually TCP or UDP. It returns a structure which contains name of the service, a list of aliases, protocol identifier for this service, and an integer protocol port number.
 - Ptr=getservbyport(port,proto)













OS Mechanisms Posix 1003.1c















































