

Multi-user Systems

- conventional multi-user system.
- access to a shared set of resources: processing capability, storage, output, networking

Commercial Applications

- central management or record keeping.
- booking systems used for example by airlines
- banking systems which have to support branches and automatic teller machines (ATM).
- highlight problems of resource sharing and reliable resource access, and of security.

Wide Area Applications

- so far are usually within a controlled domain
- Wide area applications are not in a controlled domain - access is open to any user.
- *e-mail*
- Internet based: *news* and *world-wide web*.
- *file transfer* and *network file systems*.

multimedia in distributed applications

- transmission of speech and images in addition to text transfer.
- This application often involves different networks of differing bandwidth carrying different components of the multimedia content
- synchronisation