

























Definition

<u>Client-Server</u> forms a subset of distributed computing systems where data management, application (e.g., business) logic, and presentation functions are separated by <u>predefined interfaces</u> that enable them to be <u>distributed</u> and operate, in real-time, as if they were a single program on a single computer...

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- New Architectures
 - Distributed Computing
 - Distributed Databases
- Increased Heterogeneity
- Increased Network and Connectivity Requirements
- · Challenges "managing the transition"
- User-ownership vs. Central-ownership
 - Hardware
 - Networks
 - Configuration Management
 - User-Support
 - Data
 - Application Development



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Summary

Client-Server is an unstoppable force (a la PC's)

- If you can't fight it, need to manage it.
- Benefits not automatic, have to exploit new capabilities.
- Client-server development requires significant training and culture changes.
- Forces of "open" vs. "proprietary" complex
- Network PC (and Java) may be over-hyped
 - but, may be self-fulfilling prophecy
 - <u>In some form</u>, Network Computer is valuable if not critical for large organizations

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