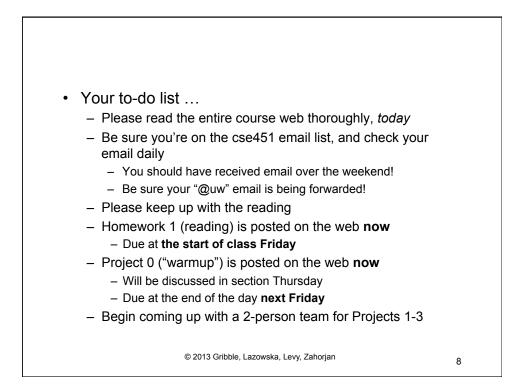


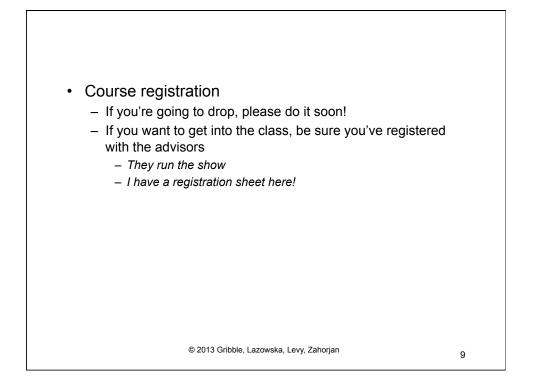


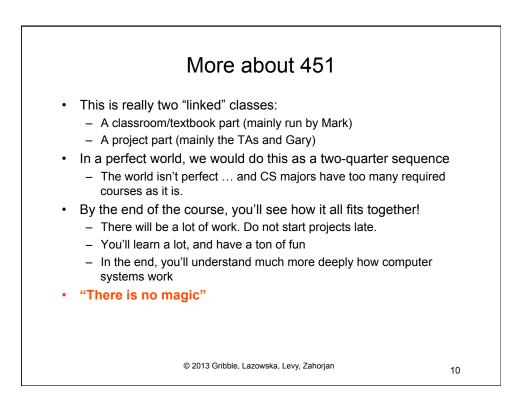
- Project 0: a C warmup individual assignment
- Projects 1-3: significant OS "internals" projects to be done in teams of 2
 - Adding a system call
 - Building a thread package
 - Modifying the file system
- You're likely to be happier if you form a team on your own than if we form one for you!
 - You'll need to do this over the weekend
 - Project 1 will begin next Friday
 - We'll ask for your input by Sunday night and create teams as needed

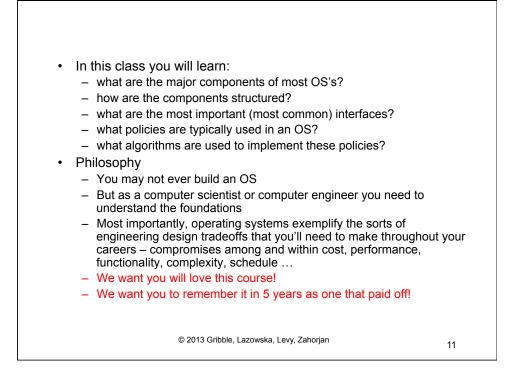
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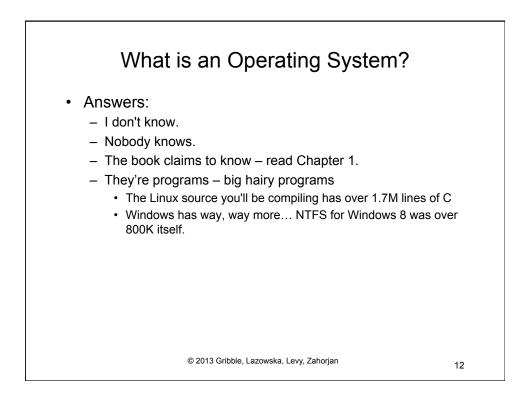
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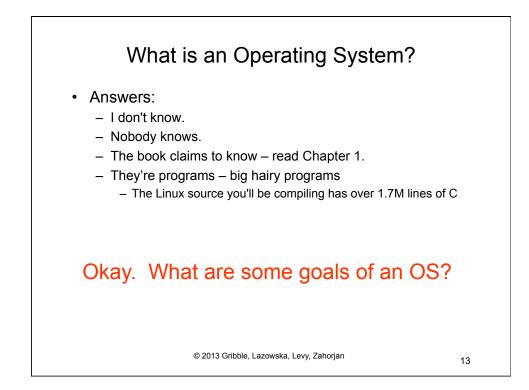


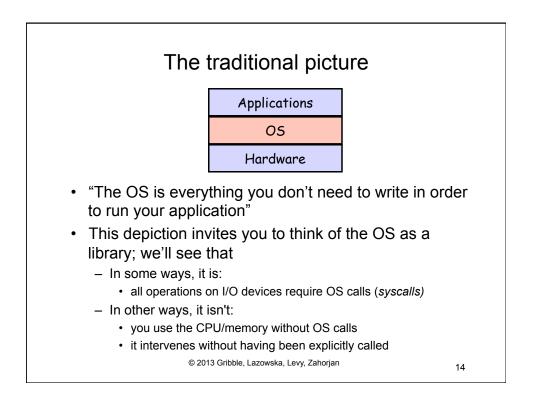


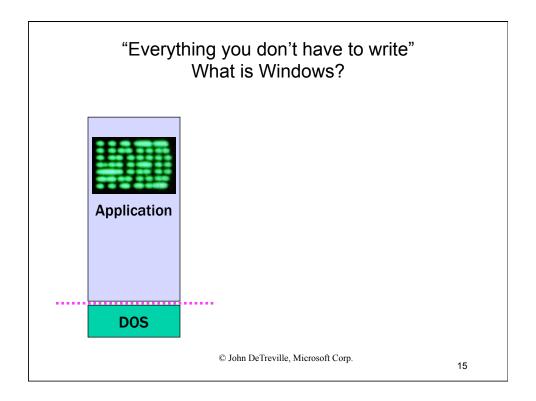


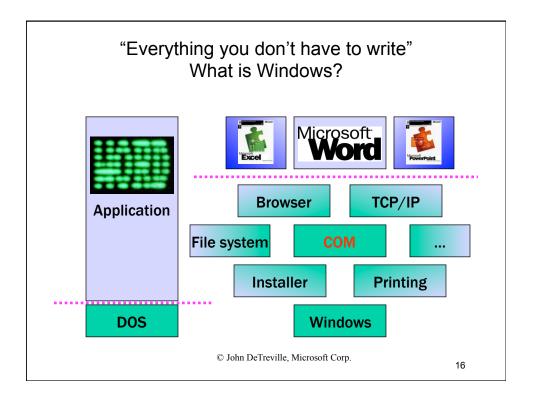


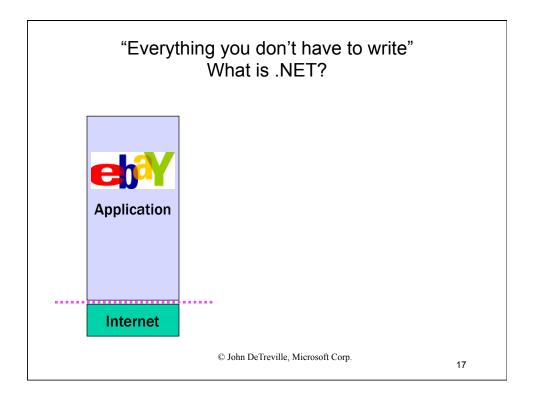


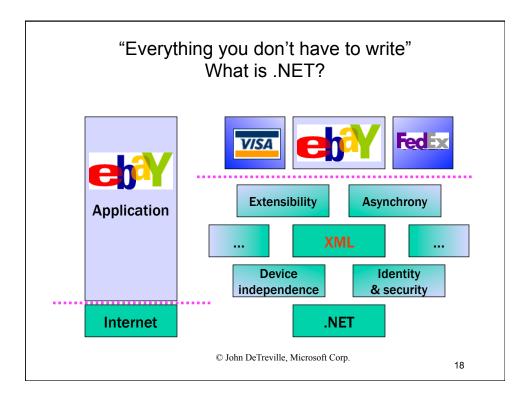


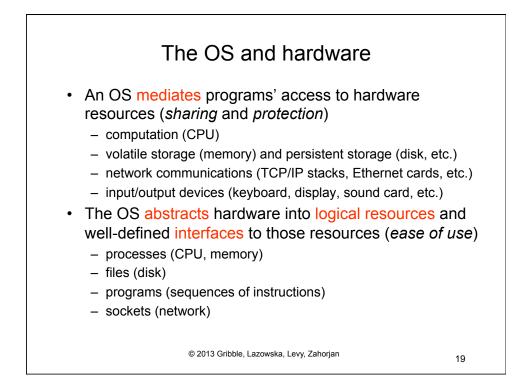


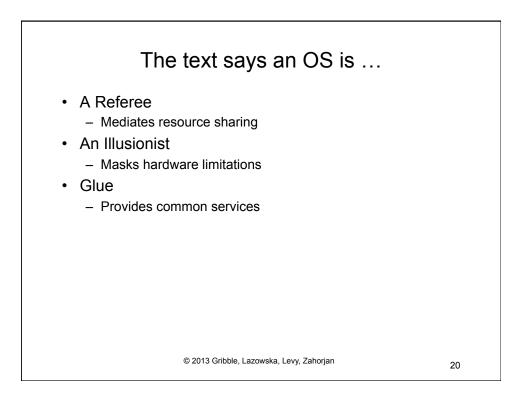


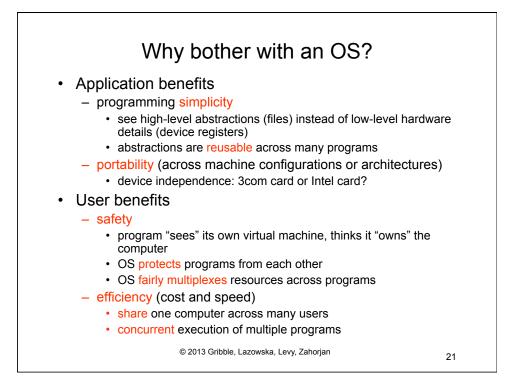


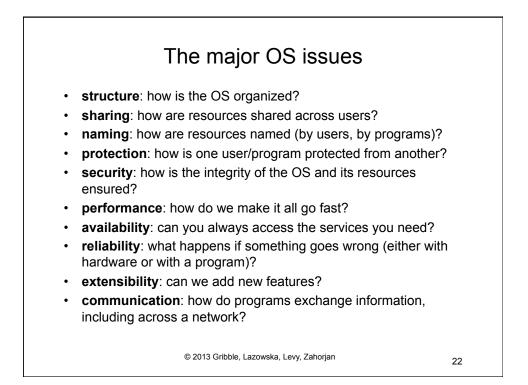


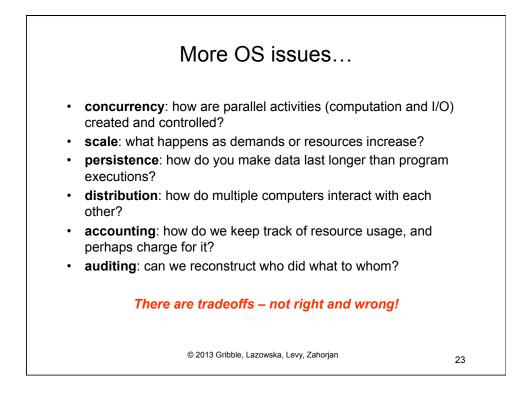


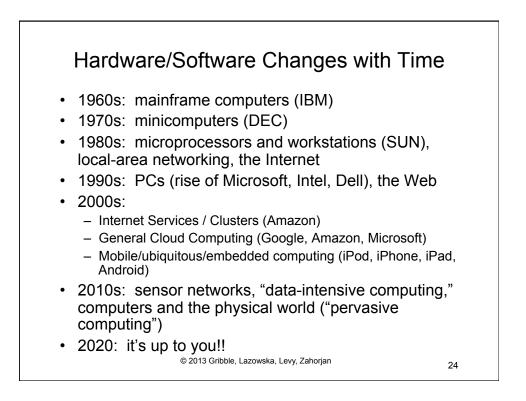


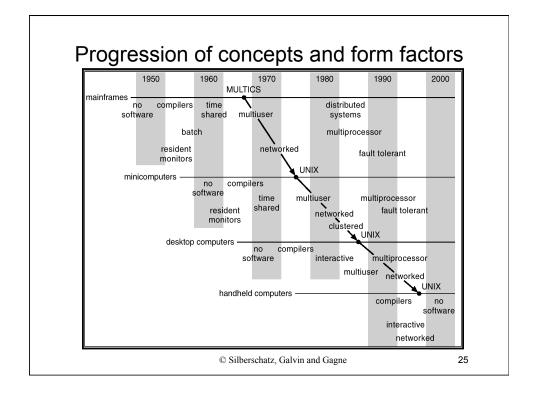


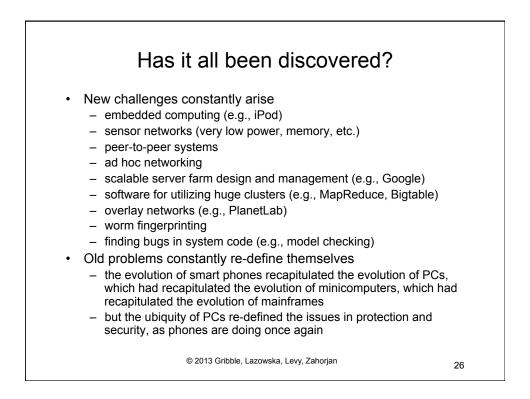


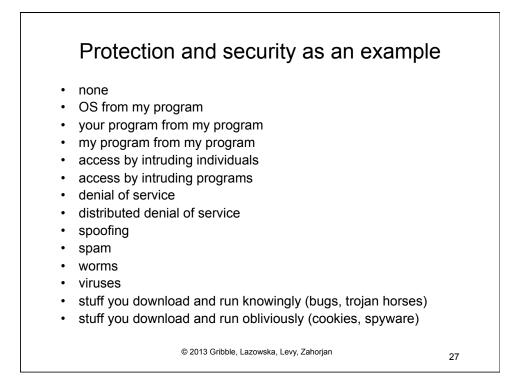


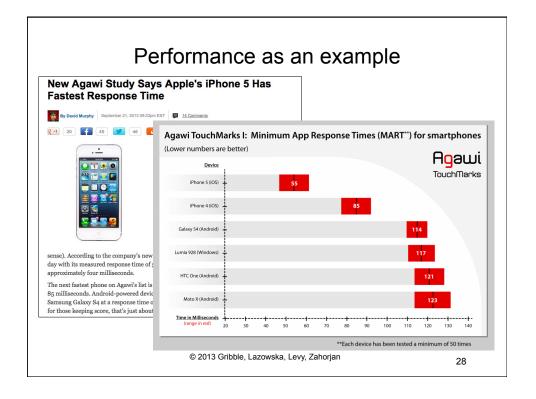




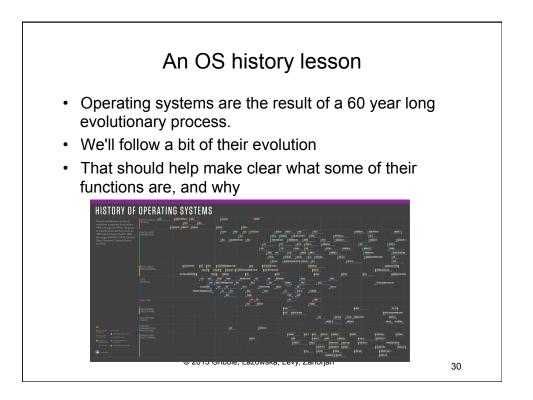


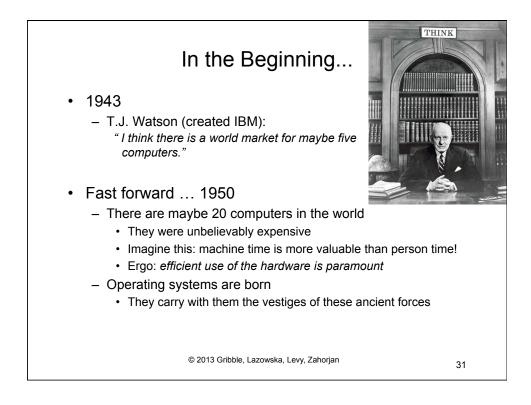


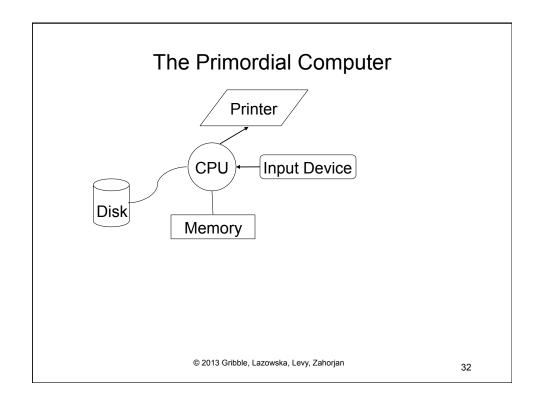


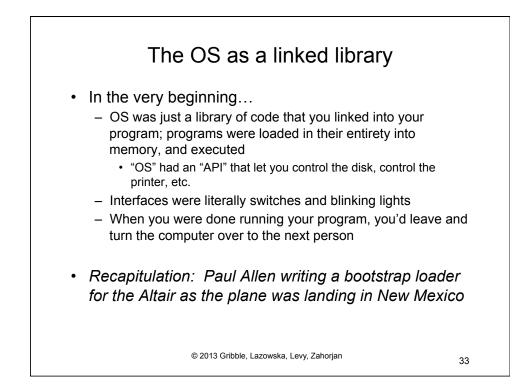


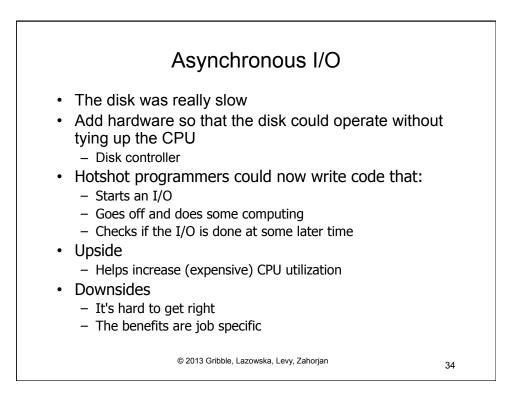


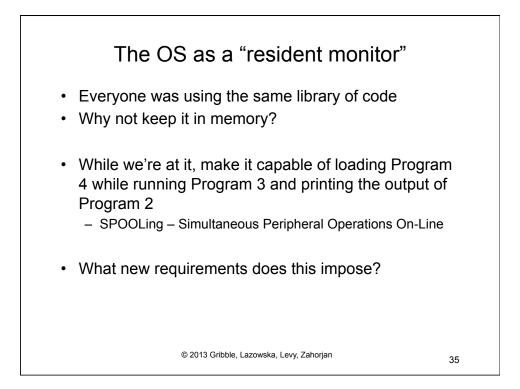


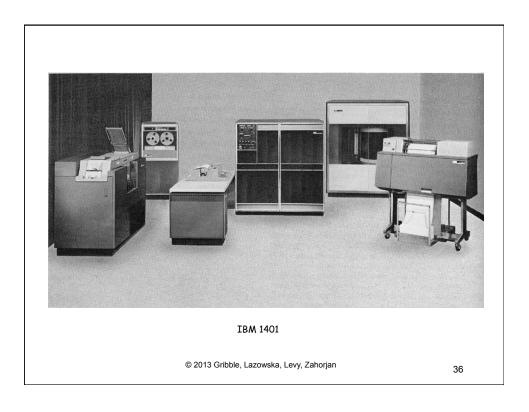


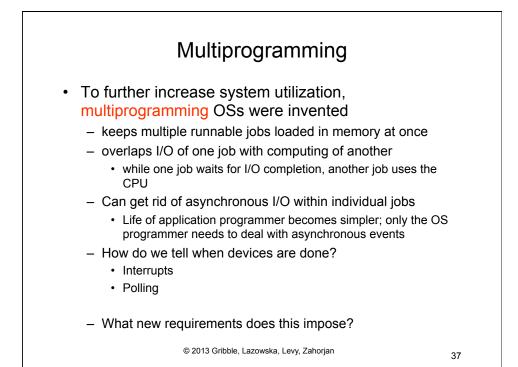


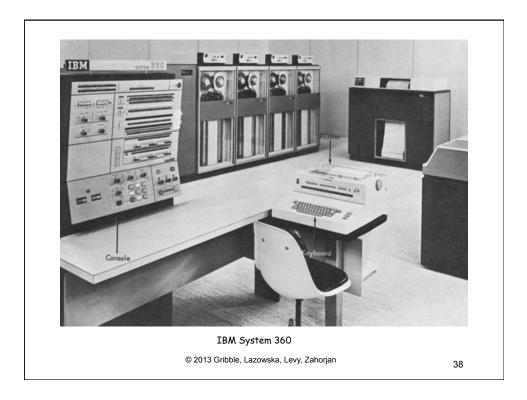


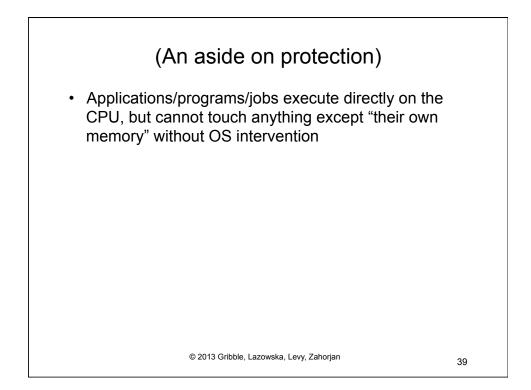


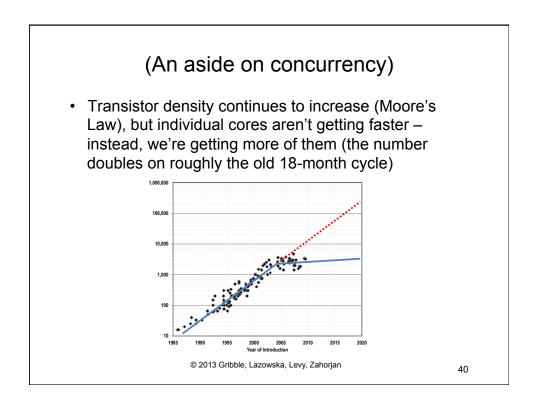


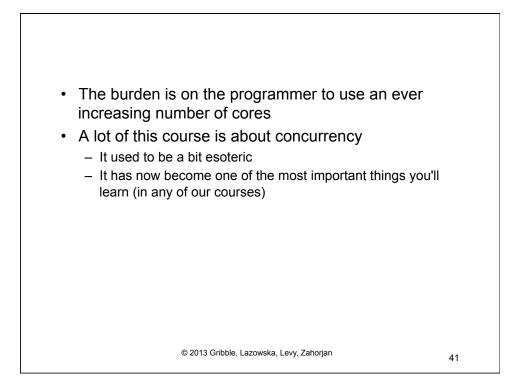


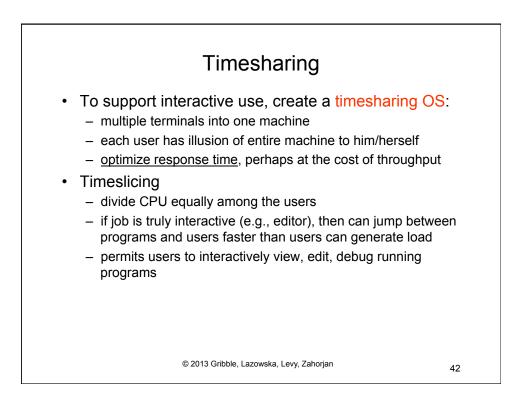


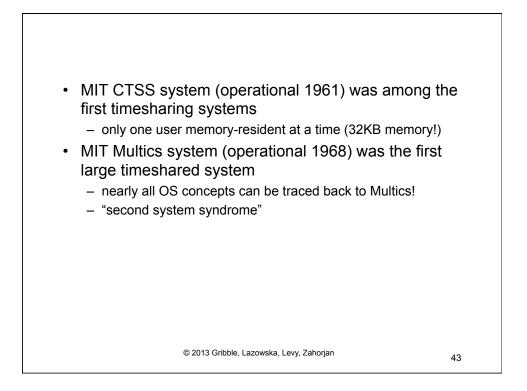


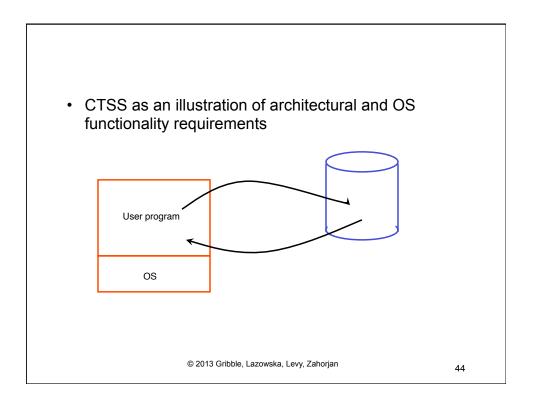


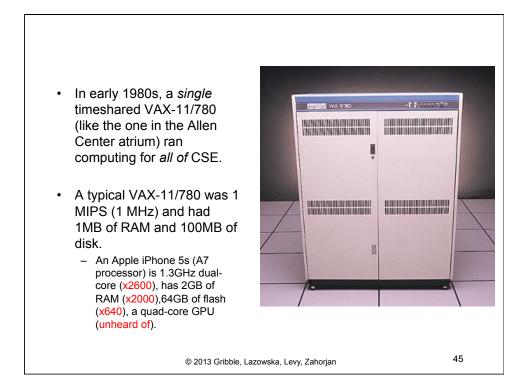


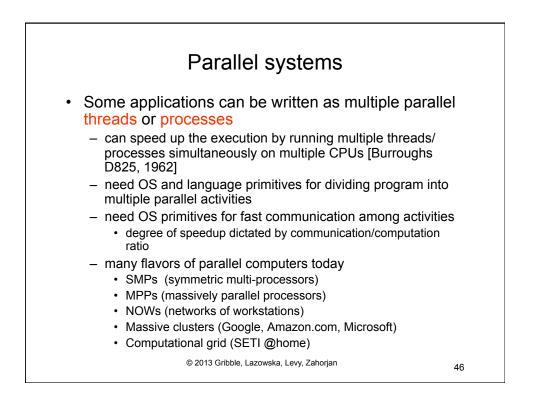


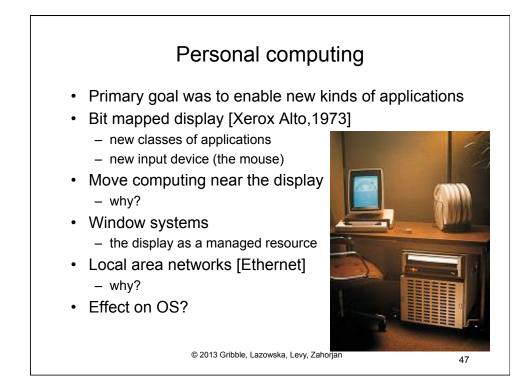


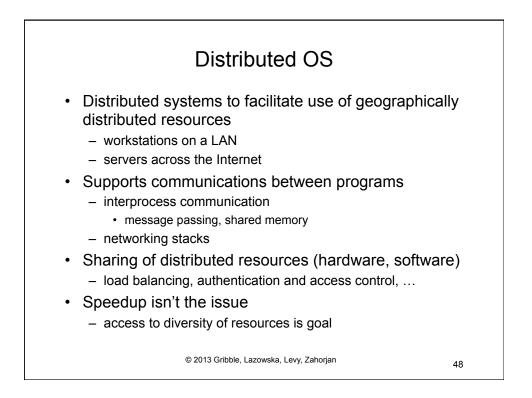


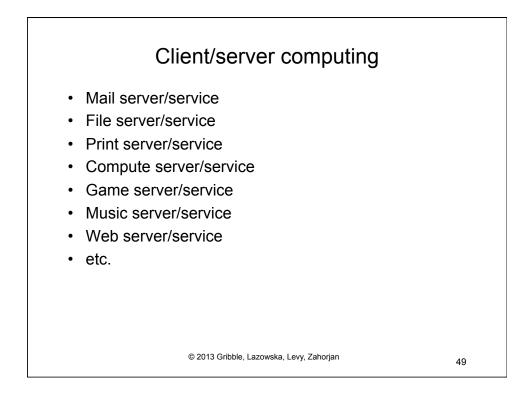


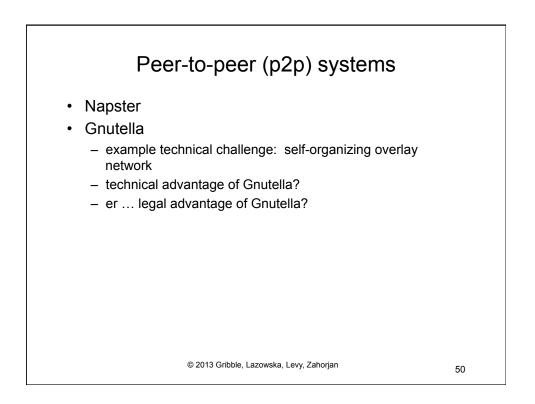
















The major OS issues

- structure: how is the OS organized?
- sharing: how are resources shared across users?
- naming: how are resources named (by users, by programs)?
- · protection: how is one user/program protected from another?
- **security**: how is the integrity of the OS and its resources ensured?
- performance: how do we make it all go fast?
- availability: can you always access the services you need?
- **reliability**: what happens if something goes wrong (either with hardware or with a program)?
- extensibility: can we add new features?
- **communication**: how do programs exchange information, including across a network?

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