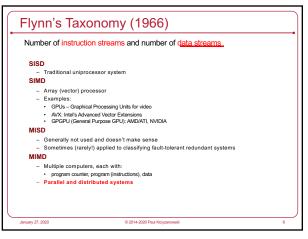
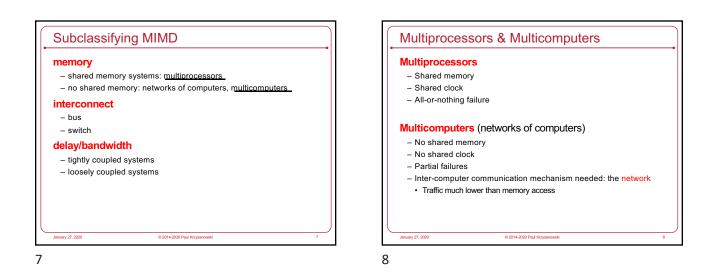


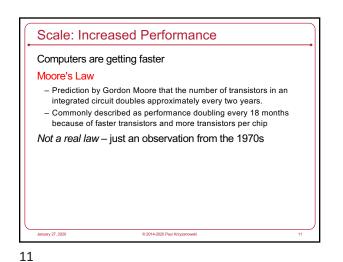
Classifying parallel and distributed systems

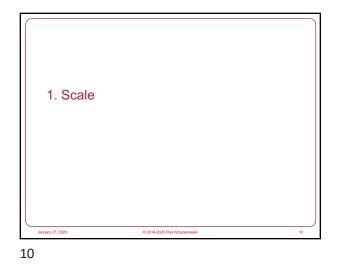


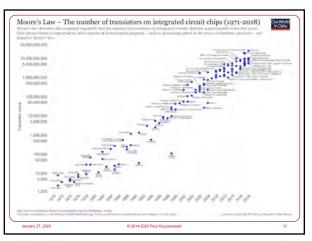


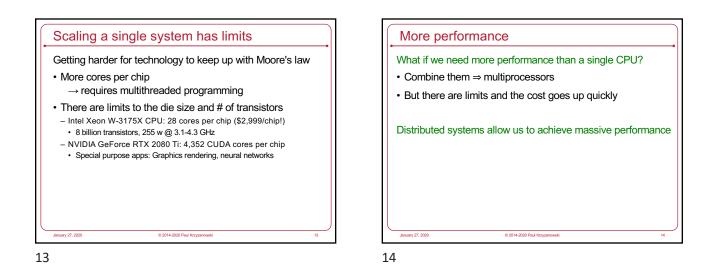


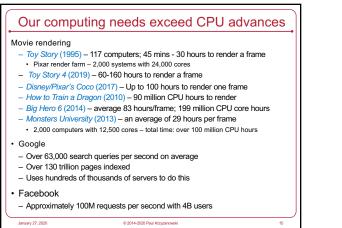




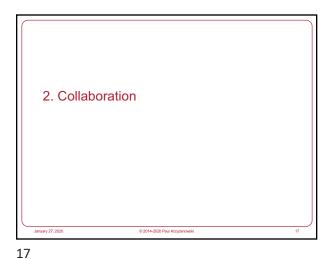


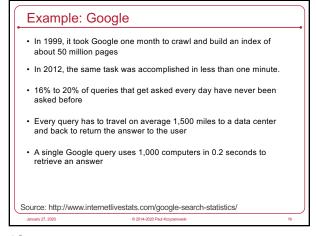






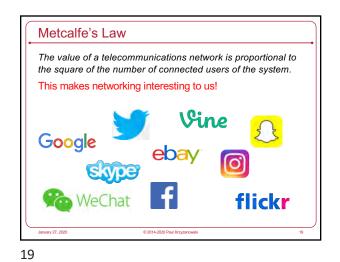
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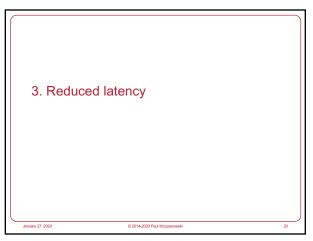


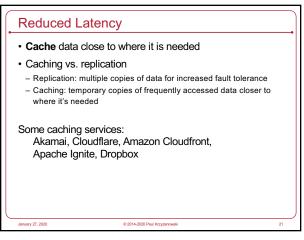




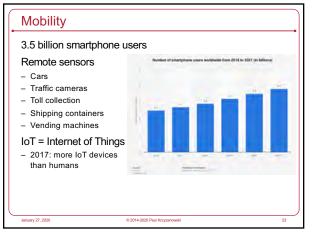








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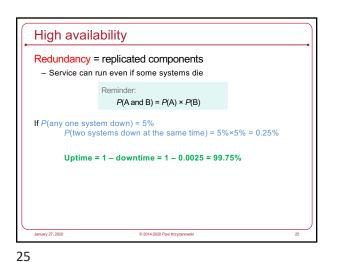


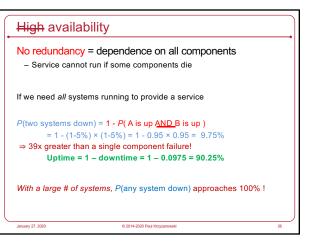


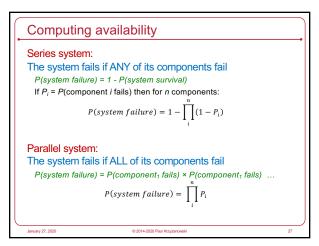




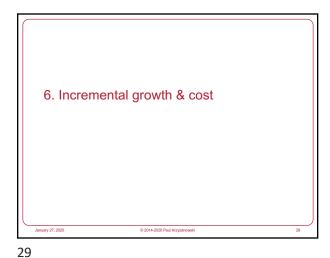


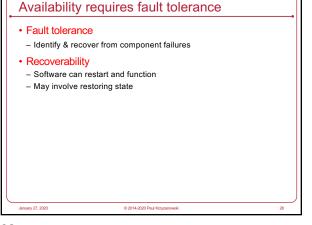


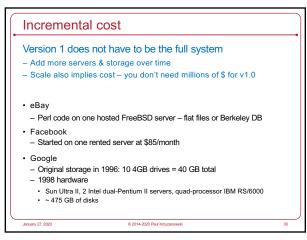




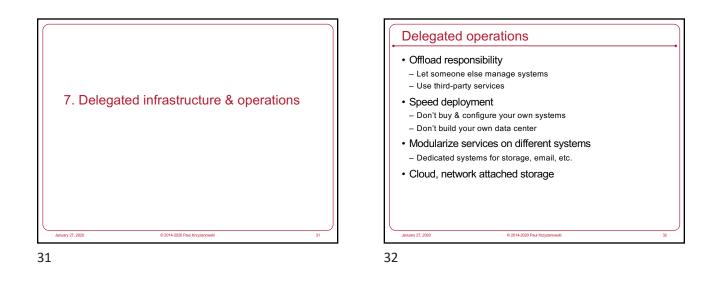
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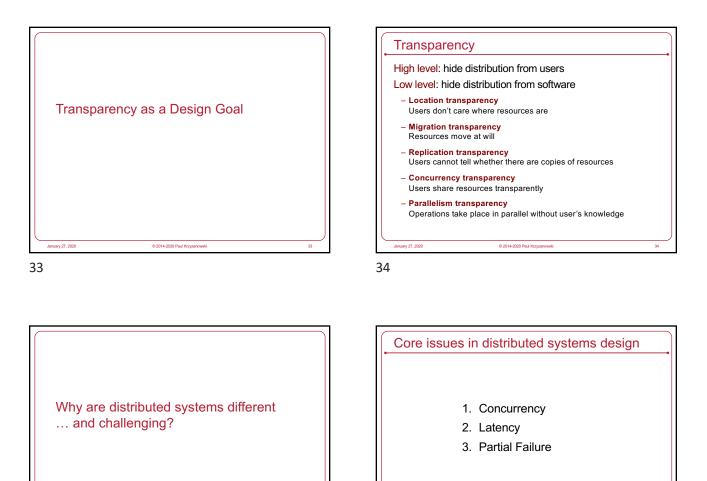










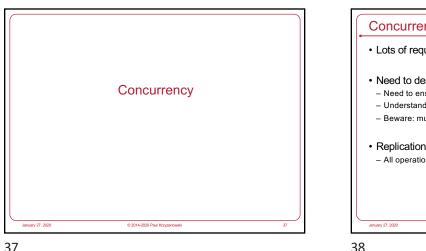


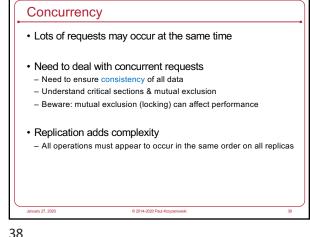
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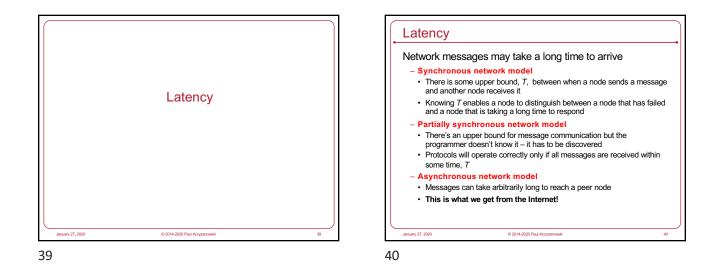
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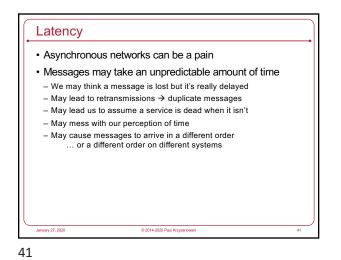
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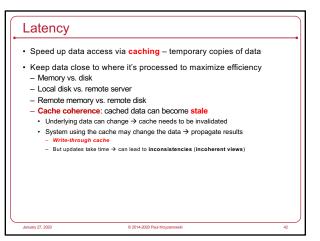




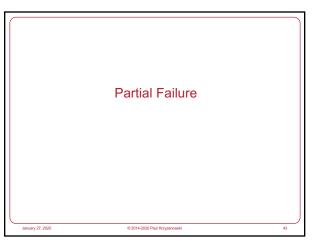


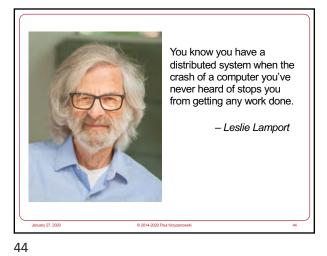


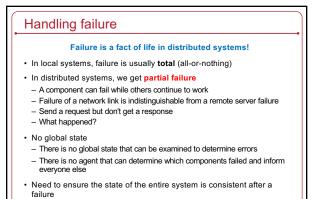








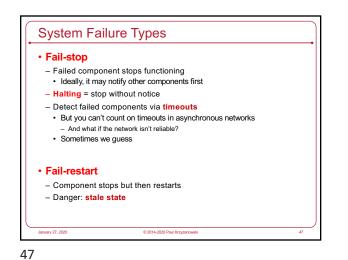


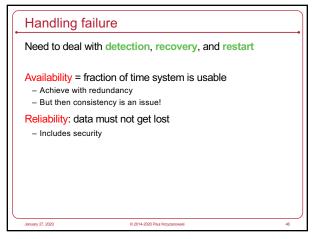


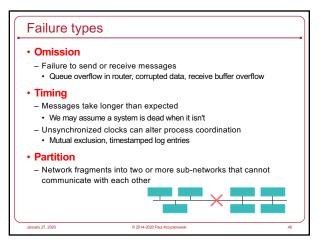
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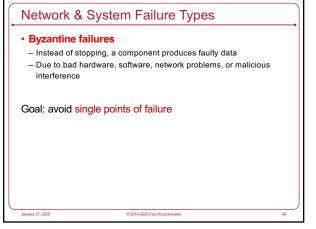
uary 27, 2020





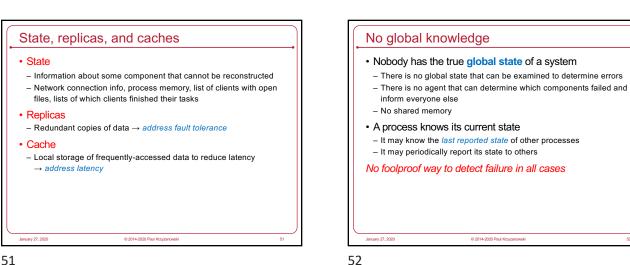






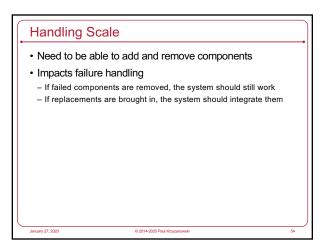
Redundancy · We deal with failures by adding redundancy - Replicated components • But this means we need to keep the state of those components replicated © 2014-2020 Paul Krzyz

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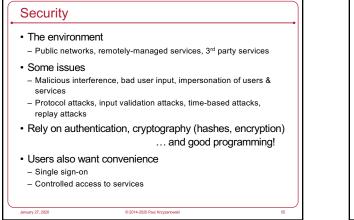


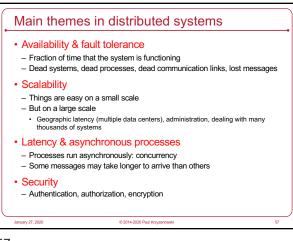
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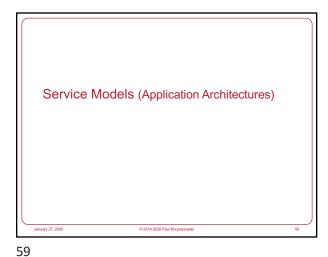


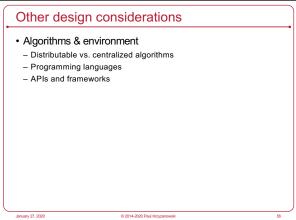




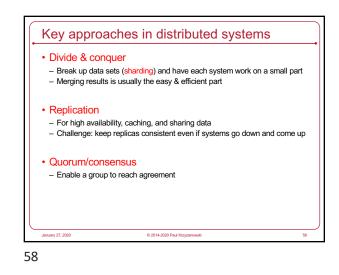


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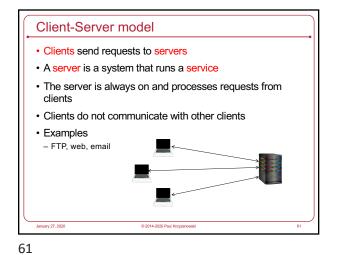




- No networking
- · Traditional time-sharing system
- Single workstation/PC or direct connection of multiple terminals to a computer
- One or several CPUs
- Not easily scalable
- Limiting factor: number of CPUs in system – Contention for same resources (memory, network, devices)



uary 27, 2020



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