CS344M
Autonomous Multiagent Systems

Prof: Peter Stone

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The University of Texas at Austin

Good Afternoon, Colleagues

Are there any questions?

Logistics

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Multiagent Systems

- Study, behavior, construction of **possibly preexisting** autonomous agents that interact with each other.

    - incomplete information for agents
    - no global control
    - decentralized data
    - asynchronous computation

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Why Multiagent Systems?

(7)

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- Some domains require it. (Hospital scheduling)

- Interoperation of legacy systems

- Parallelism.

- Robustness.

- Scalability

- Simpler programming.

- "Intelligence is deeply and inevitably coupled with interaction." – *Gerhard Weiss*

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