CS344M
Autonomous Multiagent Systems

Patrick MacAlpine

Department of Computer Science
The University of Texas at Austin
Good Afternoon, Colleagues

Are there any questions?
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Are there any questions?

- Cobot now?
- How cobot dealt with multiple users at the same time?
- Learning in marimba playing robot?
- rtNEAT in more games?
- Largest scale applies to video games?

Patrick MacAlpine
Logistics

• Final reports due today before class

• Just one point off if turned in at my office by Friday at 5pm
  – Only if you’re in class today!
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- RoboCup informational meeting Monday 12/7 at 12 PM in GDC 3.516
Discussion

• Should agents model emotions?
The Turing Test

• Loebner Prize
The Turing Test

- Loebner Prize
- BotPrize (video)
The Turing Test

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- BotPrize (video)
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  - Milford
  - Moises
  - Lawerence
  - Clifford
  - Kathe
  - Tristan
  - Jackie
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- Loebner Prize
- BotPrize (video)
  - Coleman
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  - Kathe
  - Tristan
  - Jackie
- Botting in games
Course recap

• You’ve read.
Course recap

- You’ve read.
- You’ve reacted and formed opinions.
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• You’ve spoken (or at least will at the class tournament).
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- You’ve coded for a task with no right answer and no way of knowing that you’re done.
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- You’ve spoken (or at least will at the class tournament).
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Do you like CS research?
What have we covered?

1. Autonomous agents: What is an agent?
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2. Agent architectures: Subsumption, 3T
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3. **Multiagent Systems:**
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13. Multiagent learning: multiagent RL
14. Entertainment agents chatbots, music bots
The original question

- What is an agent?
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THANKS!!!
Surveys

- Positive and negative feedback useful
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- Positive **and** negative feedback useful
- Invitation to send more feedback online
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  - Should the course be run again?
  - How should it change?
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• Most important: course rating, instructor rating, written comments
Next Meeting

● The tournament!
Next Meeting

• The tournament!

• Wednesday, December 9th

• GDC 5.302

• 7pm–10pm
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• Come prepared to talk (informally) about your team