CS378
Autonomous Multiagent Systems
Spring 2005

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Week 5a: Tuesday, February 15th
Good Afternoon, Colleagues

Are there any questions?
Logistics

- Programming assignment 4 - any questions?
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Professor lunches: http://www.utacm.org/calendar
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  - Do you read as a believer or a cynic?
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  - Are these readings "right?"
  - Do you read as a believer or a cynic?
  - Where are we going from here?
Student-led Discussion

- Eric Tschetter on when communication is useful
ACL Desiderata
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Form: simple, readable, concise, easy to parse and generate, extensible
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**Content:** well-defined primitives, flexible content
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**Reliability:** reliable, secure, authentication possible, error handling
Three-layer organization

- Content: free-form (domain-dependent)
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- Communication: who is sending, etc.
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- Message: performatives and fields (standard)
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(tell

  :sender stock-server
  :content (PRICE IBM 14)
  :receiver joe
  :in-reply-to ibm-stock
  :language LPROLOG
  :ontology NYSE-TICKS)
ACLs – Current Landscape

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- Sample FIPA applications on resources page
Soccer server communication

- What is the soccer server communication protocol?
- How does it relate?
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- How does it relate?
- Does an ACL make sense in the soccer server? If so, under what circumstances?

An example protocol next week