

An Officer and Gentlebot

Or:
Robot Rights Revisited

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Autonomous Agents: A Definition

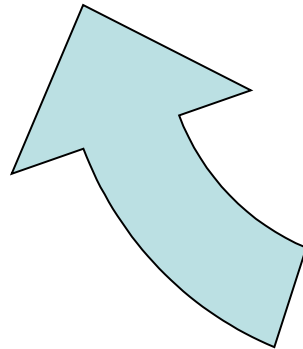
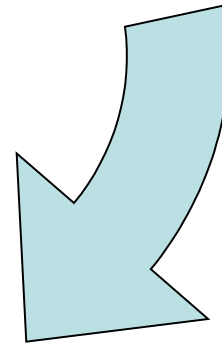
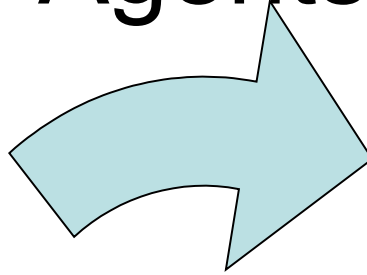
(Wooldridge and Jennings 1995)

- *autonomy: agents operate without the direct intervention of humans or others, and have some kind of control over their actions and internal state.*
- *social ability: agents interact with other agents (and possibly humans) via some kind of agent-communication language;*

Autonomous Agents: A Definition

- *reactivity: agents perceive their environment and respond in a timely fashion to changes that occur in it;*
- *pro-activeness: agents do not simply act in response to their environment, they are able to exhibit goal-directed behavior by taking the initiative*

Standard application; Commercial Agents



Issues

- None, really.....

Why?

- Commercial contexts are co-operative
- Commercial contexts are “symmetrical”
(everybody can be buyer or seller, user of agent or recipient of agent communication)

But what about situations that are uncooperative or asymmetrical?

Example A)

- Non-cooperative
- Asymmetrical

Example B

- Symmetric
- Un-cooperative



Finally.....

Always remember:

You salute the rank, not the
man!