Good Afternoon, Colleagues

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- Exactly how are layers combined?
- Can layers be used for proactivity?
- Other reactive archs?
Logistics

- Programming assignment 4
  - Help each other!
  - Start thinking about pairs
Subsumption

- Exactly how are layers combined?
- Can layers be used for proactivity?
Pengi

- Penguin chases monsters in a maze
- Can kill them with ice blocks
- Monsters can kill penguin by touching it
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- What would it mean to do planning in this domain?
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**Group 1:** Design a Pengi controller using subsumption

**Group 2:** Design a Pengi controller using TCA
• The details of a complete agent

• Any comments?
Merkwelt

- Merkwelt ~ “perceptual world”
- Every agent has its own Merkwelt.
Merkwelt

- Merkwelt ~ “perceptual world”

- Every agent has its own Merkwelt.

- Why should robots use a representation based on our Merkwelt?

- Do we know our own Merkwelt?
Representation

• Necessary?

“We hypothesize that much of even human level activity is similarly a reflection of the world through very simple mechanisms without detailed representations.”
“When researchers working on a particular module get to choose both the inputs and the outputs that specify the module requirements I believe there is little chance the work they do will fit into a complete intelligent system.”

Does this apply to TCA?
Could Simmons have used subsumption?

- Why or why not?