

PEIS Ecology

Ambient Intelligence meets Autonomous Robotics

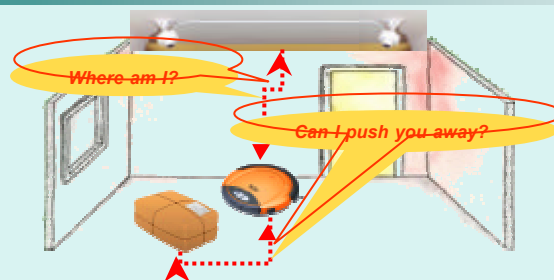
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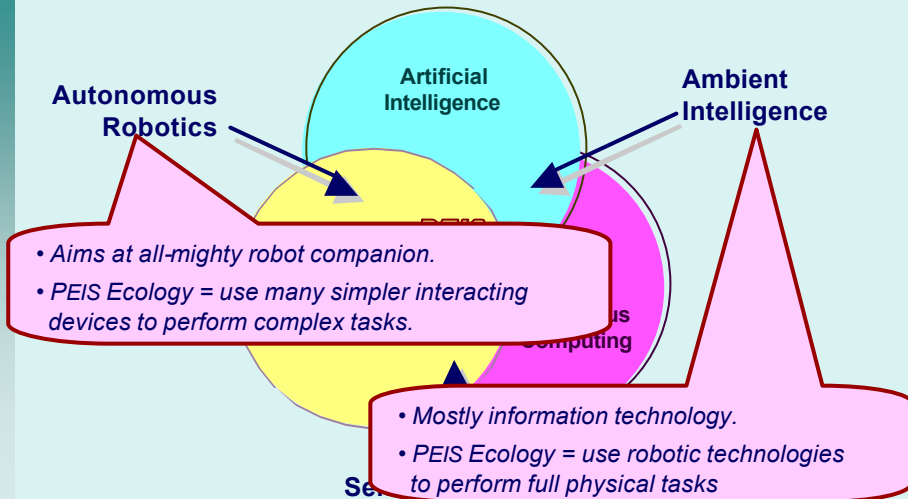
- **PEIS = Physically Embedded Intelligent System**
 - Cognition, communication, sensing / action
 - Generalizes the notion of a “robot”
- **PEIS Ecology**
 - Set of PEIS embedded in a common environment
 - Cooperate by “borrowing” functionalities



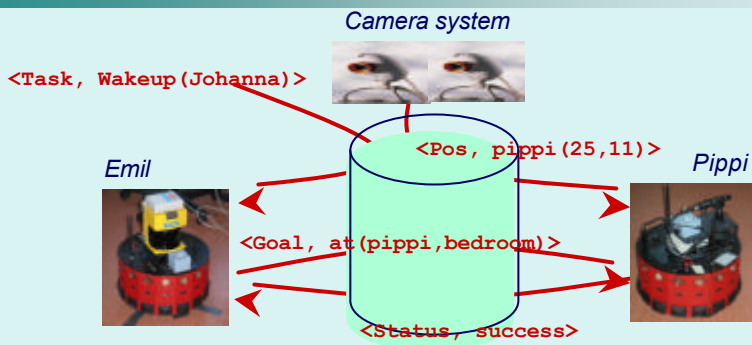
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