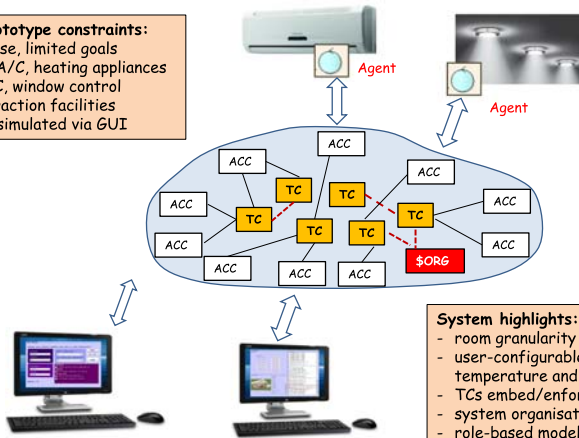


Air conditioning and heating

Lighting

Sub-system prototype constraints:

- one single house, limited goals
- only lighting, A/C, heating appliances
- only light, A/C, window control
- no social interaction facilities
- user location simulated via GUI



Butlers User

- set up personal profile & preferences
- simulation of acting on home devices

Butlers Administrator

- system configuration
- users definition

System highlights:

- room granularity for house policies
- user-configurable preferences for temperature and light in each room
- TCs embed/enforce policies
- system organisation in \$ORG TC
- role-based model for users
- configurable set of roles and permissions
- static/dynamic separation of duties
- extensible (plug-in lie) approach for devices, user interaction, etc.
- ...