GENIO: An Ambient Intelligence application in home automation and entertainment environment

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Genio Scenario: Home

Home assistant:
- A speech recognition software
- A TTS
- A RFID reader
- Entertainment media server
- Avatar
- Home assistant application

Home appliances:
- Oven
- Fridge
- Washing machine
- Dishwasher
Avatars

An avatar is an icon or representation of a user in a shared virtual reality.

Affective relationship with the user thanks to this butler avatar.

Features and services

- Reading e-mails
- Checking the goods in the fridge
- Shopping list downloaded to a PDA
- Managing
  - Washing machine
  - Dishwasher
  - Oven
  - Boiler
- Preparing a recipe
- Intelligent plugs
- Entertainment