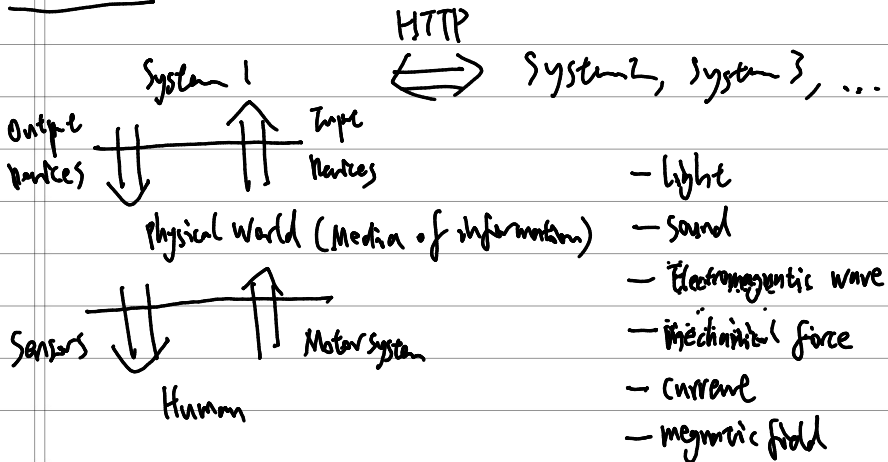


- Base: State Machine Model for Embedded Systems.
- Augment base model by Semantics

## Devices



- light
- sound
- Electromagnetic wave
- mechanical force
- current
- magnetic field
- gravitational force
- heat
- light
  - output devices
    - projector
    - screen
  - input devices
    - camera
    - light sensors: photovoltaic, light-dependent, photo diode, proximity.
  - human sensor: eyes
- sound
  - output devices
    - speaker
    - buzzer, beeper
  - input devices
    - microphone



- electromagnetic wave

- Infrared

- GPS

- Radio

## Data Processing