Each hardware device is a component.

Command: 
Event:

Command flows from higher layer to lower layer.
Event flows from lower layer to higher layer.

Interrupts

sensor

Produce

Interface

Contains functions

gets request
senses data
responds
sends out data

request sensing
actual sensing
response sensing

Temp Component for sensing temperature

02/22/05
- Getting request
  - Sensing data
    - Sending data
      - Block for a long time

Tasks can be interrupted -> thread
Events cannot be interrupted -> thread

Priority
- Lower Priority
- Higher Priority

Task -> Sensing

Queue

Tasks

FIFO
Component provides interface(s).
might use interfaces

Design a component
what interfaces it provides
& what it uses.

Component

configuration modules