

HD Webcam



Ultrasonic Distance Sensor (CM)



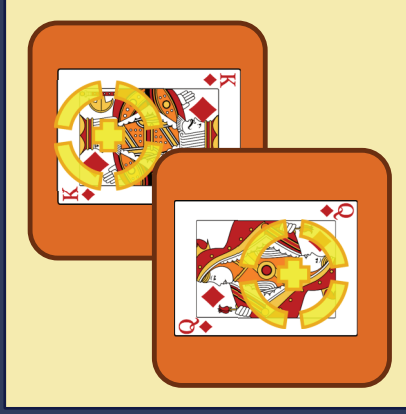
Sound Intensity Sensor (%)



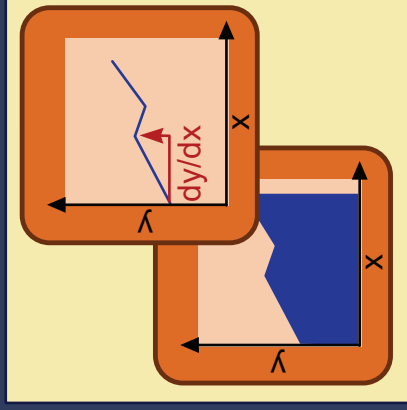
Light Intensity Sensor (%)



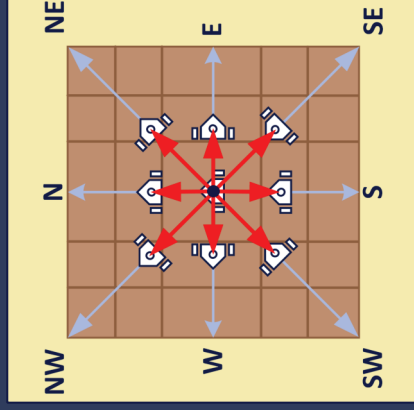
Array of SURF-Feature Visual Object Detector Modules



Array of Interpolating Variables (Integrators and Derivates)



Array of Behaviour Patterns



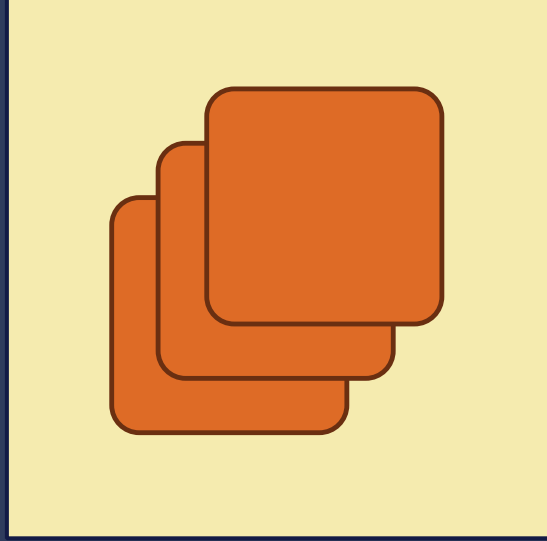
Final Bayes Pattern Classifier Module



Left Wheel Servo Motor

Right Wheel Servo Motor

Array of Bayes Pattern Classifier Modules



(1) dBA mode

(2) dB mode

(1) Ambient mode

(2) Reflective mode