

Kinectic Module Drive Yarp Controlle Module Robot Kinect Robot gnOi

+updateThread() RFModule

+addPort() +configureThread()

TypedReaderCallback

+getDataFromPort() +sendDataToPort() +onPortEvent()

PortThread

+getDataFromPort()

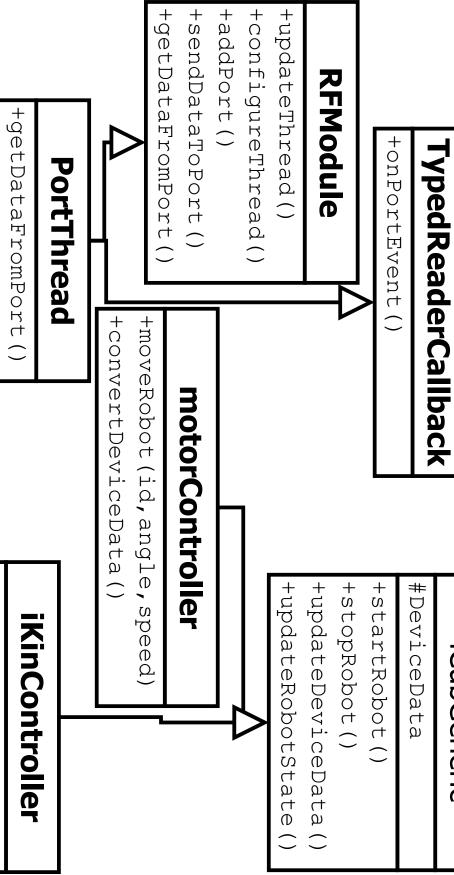
+update()

+sendEventToDevice()

+getEventFromDevice()

+sendDataToPort()

DeviceInterfaceDriver



iCubGeneric

+update()

+sendDataToPort()

+moveRobot(x,y,z,)

+convertDeviceData()