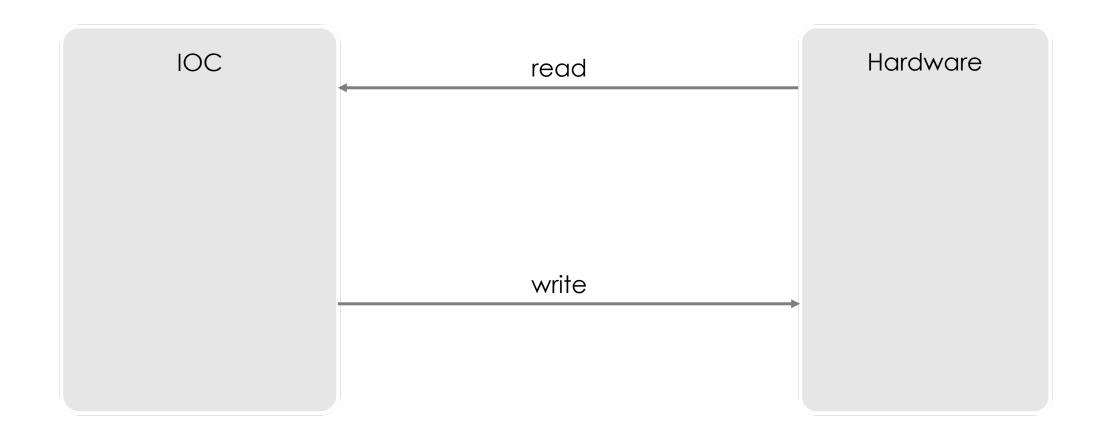




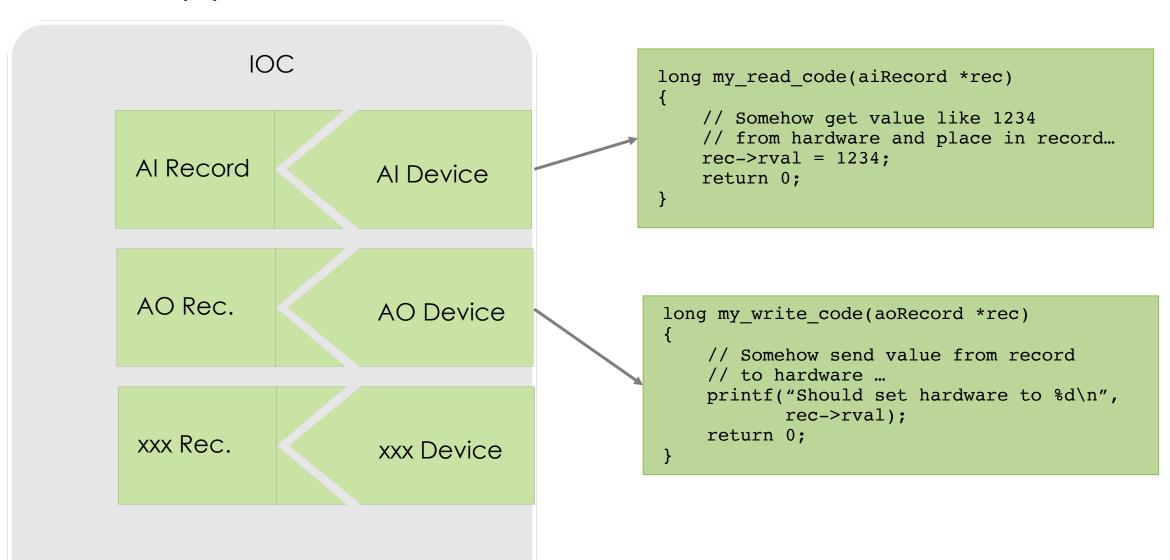
ORNL is managed by UT-Battelle, LLC for the US Department of Energy



Device Support: Connect Records to Actual Hardware



Device Support: Connect Records to Actual Hardware

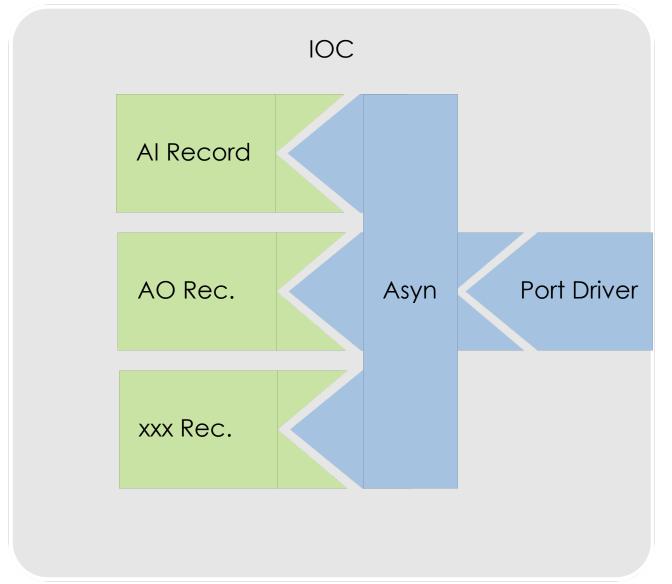


Device Support: Devil is in the Details

- Some boilerplate to associate
 - "my_read_code" with AI record
 - "my_write_code" with AO record
 - field(DTYP, "MyXXXCode") with your device support module
- Specific to each record type
 - .. but ai, mbbi, mbbiDirect, longin, ... fundamentally all handle a number, why duplicate code?
- my_xxx_code must not block!



Asyn: Another Layer of Abstraction



- Asyn acts as "Device Support"
- Transfers data between "port" and records
- Helpers if "port" is serial, TCP, UDP, needs to be reopened on error

Stream: Yet Another Layer of Abstraction

