Services Repository

Platform

Subsystem 1

subsystem_1.c // instantiates services queues and handlers
subsystem_1.h
subsystem_1_hal.c // provides interfaces to system hardware
subsystem_1_hal.h
a.c // provides subsystem-specific implementations of service a
a.h
...

Subsystem 2

...

...

Services

services.h // contains server, sercice, and subservice ID's, among other types
service_a.c // implements generic components of service a, calls functions from a.c provided by the subsystem
service_a.h
service_b.c
service_b.h
...

main.c // (for now) runs the CSP server, and is the entry point to the system
system.h // (will eventually be moved to subsystem code) provides information about what subsystem is running and other information needed for platform-specific compilation and initialization