

Quick Guide to the Path Manager Source#

The [path manager](#) owns the entire name space. When you write a device driver for your aquarium fish cam, and want to attach it to the path /dev/fishcam, it's the path manager that directes the users **open()** calls to your driver. In addition to drivers that interface with real hardware, logical file sytems, networks, and even information ports into the kernel itself are arranged to be "qnx resource mangers", or [resmgrs](#) attached to points in the pathname space.

Where is the source?#

- [/services/system/pathmgr](#)

What are the good bits?#

Functional Area	Related Files
path manager implementation	services/system/pathmgr/pathmgr_*.*
image file system	services/system/pathmgr/imagefs.c
some /dev/* implementations	services/system/pathmgr/dev*.c

For a more detailed look at the design of the path manager, read Thomas Fletcher's [Pathname Resolution](#) document.