1. Initial state

FireWire Bus

Mac

Kernel

IOFireWireController

IOFireWireLocalNode

(load and start)

(load and start)

/System/Library/Extensions

IOFireWireFamily.kext

3rd party KEXT

3rd party plugin

User space

Client Application
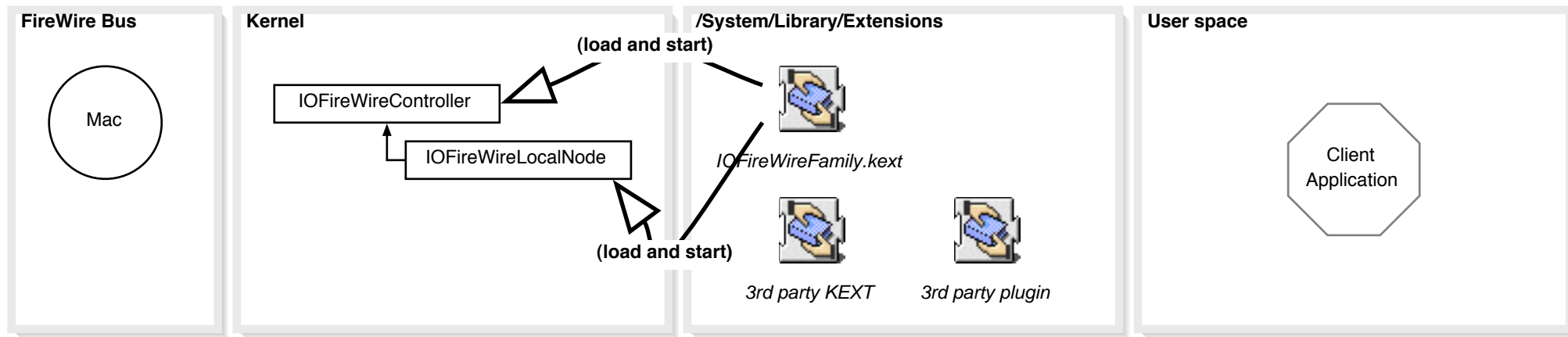
2. Device is connected

Instances of IOFireWireDevice and IOFireWireUnit are created and started

FireWire Bus

Mac

Device

Unit

Kernel

IOFireWireController

IOFireWireLocalNode

IOFireWireDevice

IOFireWireUnit

(load and start)

(load and start)

/System/Library/Extensions

IOFireWireFamily.kext

3rd party KEXT

3rd party plugin

User space

Client Application