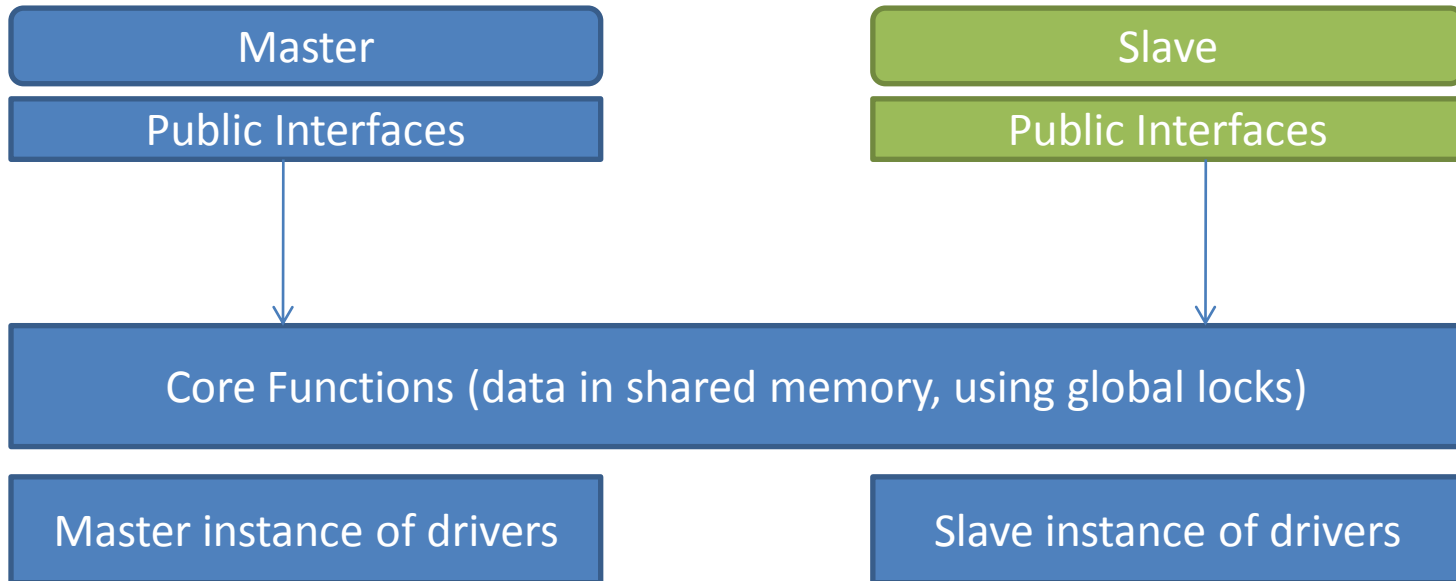


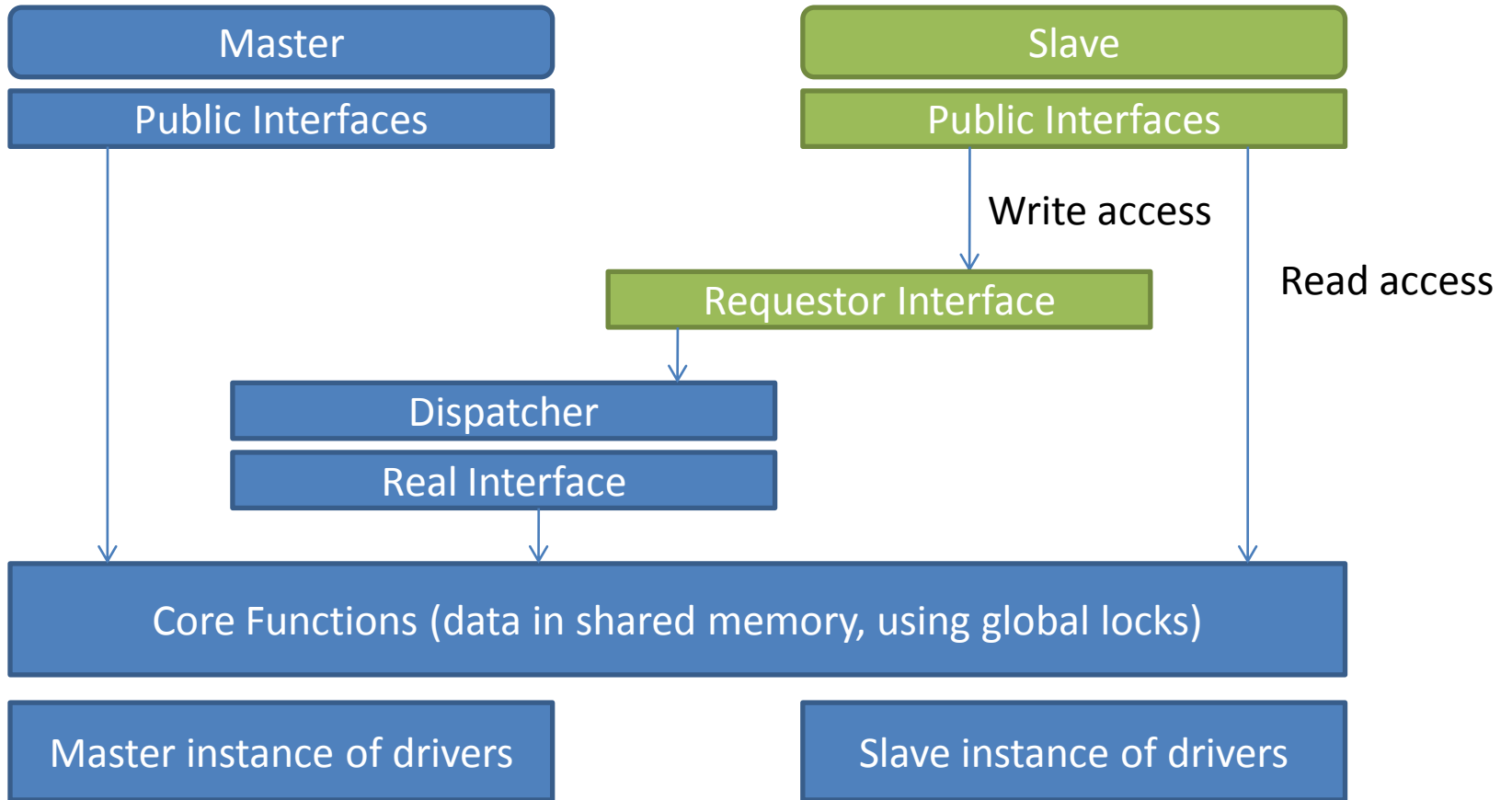
Secure Fusion

Secure multi process DirectFB

Old Fusion



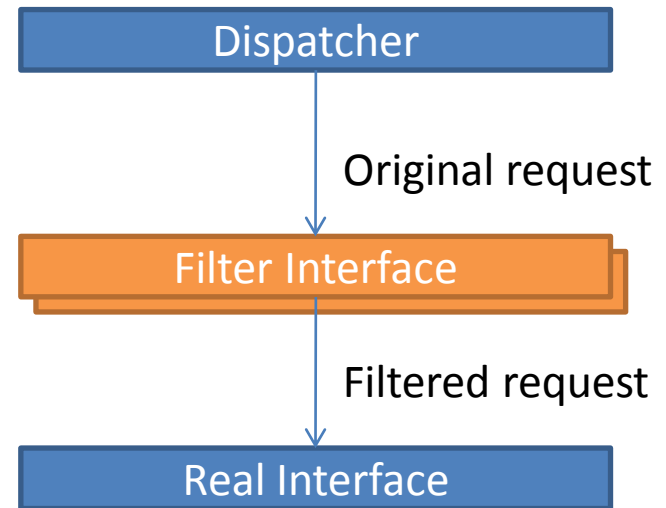
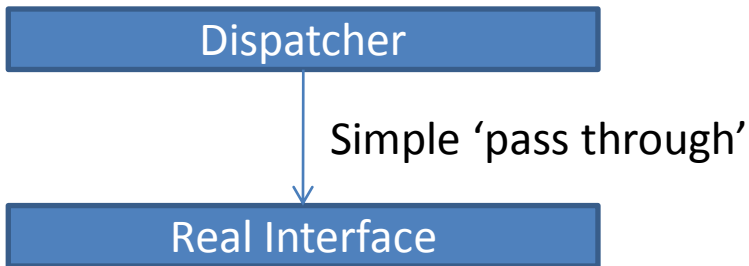
Secure Fusion



Flux

- Core interfaces defined in IDL like 'flux'
- fluxcomp generates requestor, dispatcher
- Only real interface needs implementation, but it is very simple, mostly having same signature as core function to be called within
- Generates C++ interfaces and C wrappers
- Currently using FusionCall v3, could generate Voodoo code as well

Enhanced Security

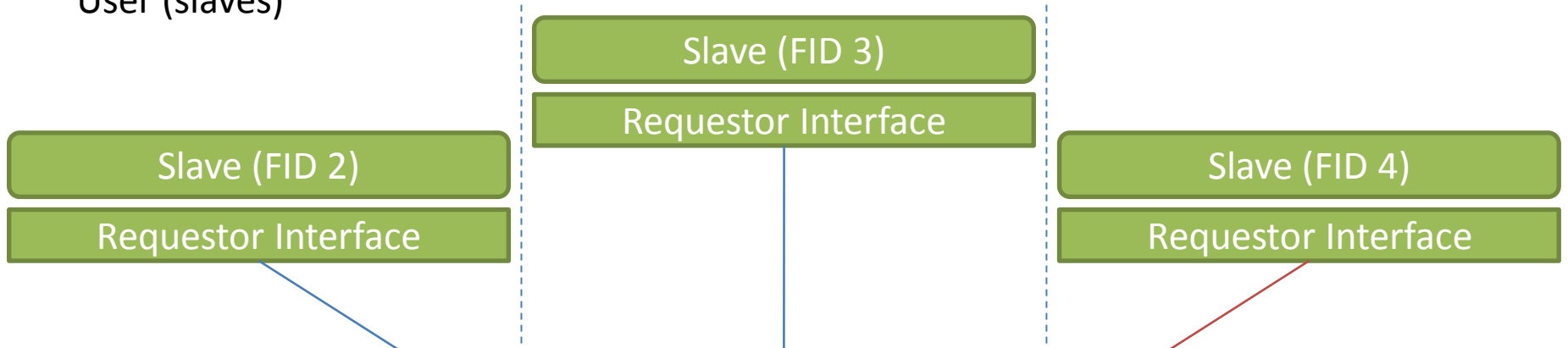


Ownership

- Each object has its own FusionCall for IPC Calls, its own FusionReactor for events, and its own FusionRef for reference counting
- Per Call, Reactor or Ref it should be possible to restrict access to certain Fusionees, e.g. master and owner, to operations like making calls, attaching to receive or dispatching events or holding a reference to the object

Fusion Call

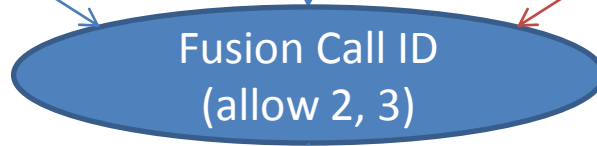
User (slaves)



permitted

denied

Kernel



User (master)

