

Device driver load sequence

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Hi,

1. I have a stream device driver which gets its XXX_Init called when an SD card is inserted. I would like to create another stream device driver whose YYY_Init I would like to have called only if the XXX_Init successfully completes. If an application does a CreateFile on the YYY device before a SD card is inserted, I would like the call to fail. I am not sure if/how the Order in the registry can be used for this.
2. If XXX_Init has not been called when an application does a CreateFile, what happens? Does the call fail or does it cause the XXX_Init to get invoked?
3. The handle returned from XXX_Init is passed as the first param to XXX_Open. However applications don't know the handle, so who supplies this handle when an application does a CreateFile (which causes the XXX_Open entry point to get exercised)?
4. Can a single DLL implement more than one stream interface?

Thanks.

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