

Re: About using IoCompleteRequest and iostatus block's Status Field.

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- *From:* "Calvin Guan" <cguan@xxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 09 Jun 2006 05:01:44 GMT
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You don't seem to understand some very basic concepts of NT driver. You may have a lot of other issues as you go further. I strongly recommend you take a driver development seminar. hers's some of good ones in no particular order:

www.azius.com
www.osr.com
www.oneysoft.com

or go buy some books:

<http://www.amazon.com/exec/obidos/tg/detail/-/0735618038/102-8514995-5636130?v=glance>

The Book -- Windows NT Device Driver Development
(ISBN 1-57870-058-2, published by MacMillan Technical Publishing)

Or you may hire a consultant on the list to do the work for you.

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"sudhanshu deshmkh" <sudhanshudesmkh@xxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:9EBB8048-EFD3-4A7E-ABC8-2A2A3EE30C1D@xxxxxxxxxxxxxxxxxxx

Respected sir,

I want to know as to, when I use the IoCompleteRequest Function in the DispatchPnp Routine/Function, and that, when I also set the IoStatus block's Status Field to STATUS_ PENDING (pending because I want to make use of pending irp in the driver's system thread to process pnp irp_mn_xxx minor codes), my driver don't seem to work ? I want to set the IRP Pending Status in the Status Field of IoStatus Block, in order to make

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further use of the IRP, which I already been marked as STATUS_PENDING, in my driver's System Thread to further process IRP_MJ_XXX AND ITS MINOR CODES like irp_mn_start_XXX etc. At the same time, I may also like to know as to, how can I allocate IRP, when my driver is running the system thread ? Which Function should I use (minor pnp codes like irp_mn_XXX) to pass down the io_resource_requirements_list to make sure that pnp manager and OS must know the resources available thereof. How can I set the IRP in pending state and also how can I make use of this PENDING IRP in the driver's system thread in order to process IRP_MJ_XXX AND IRP_MN_XXX both, major and minor codes respectively ? How can I make sure that, the default resource descriptors, which are already been setted up by the driver will not overwritten i.e. to protect already stored default resource information and at the same time to store additional resource descriptors to IO_RESOURCE_REQUIREMENTS_LIST, so that, PNP MANAGER AND OS will know about the additional resource info., that I provided with. As it is also crucially needed in my case.

regards,

sudhanshu