

## Re: IoRequestDpc results in IRQ\_NOT\_LESS\_

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  - *Date:* Sun, 03 Apr 2005 12:29:25 +0200
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Oh, okay...

why didn't i saw this...  
so use a CustomDpc is the right thing.

Thanks a lot !

Alexander Grigoriev wrote:

From DDK docs:

"Callers of IoRequestDpc must be running at DIRQL."

"chi tai" <[chi-tai@xxxxxxxxxxxxxxxxxxxxx](mailto:chi-tai@xxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:d2nfm6\\$t2v\\$04\\$1@xxxxxxxxxxxxxxxxxxxxx](mailto:news:d2nfm6$t2v$04$1@xxxxxxxxxxxxxxxxxxxxx)

Hello,

first, thanks for the last support. It was a great help to me.

I have the following problem.  
A call to IoRequestDpc ( deviceObject, NULL,  
(PVOID) TRUE ) at the end of a routine running at  
DISPATCH\_LEVEL (returning  
STATUS\_MORE\_PROCESSING\_REQUIRED) cause a bug check  
with the parameters indicating 0xA:  
IRQ\_NOT\_LESS\_OR\_EQUAL, and a write access ( 0x...1

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parameter 3 ).

According the WinDbg and it's documentation, this is a page fault means a write access to a address actually not mapped in the physical memory.

If i don't queue a dpc, the routine ends up as expected.

I also tried to raise the IRQL to a higher level before queueing a dpc, but it behaves the same.

Whithin the routine i only access data that is in nonpaged memory and even if a return statement at the very beginning of the DPC-Routine is set, it results in this bug check.

I need to queue a dpc to commence a process of several actions, so what's the faulty ?  
Isn't this the right way ?

Maybe this is an easy exercise for anyone, but i don't know why this bug check appears. Have someone had this problem before ?

Thanks in advance !

Chi-Tai