

Re: WDF supplied functions send reset packet twice through USB

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2007-02/msg00111.html>

- *From:* "Doron Holan [MS]" <doronh@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 5 Feb 2007 19:25:06 -0800
-

If a reset is being sent twice, it has nothing to do with KMDF. It would have to be in the usb core. WdfUsbTargetDeviceResetPortSynchronously just sends a IOCTL_INTERNAL_USB_RESET_PORT, WdfUsbTargetDeviceCyclePortSynchronously just sends a IOCTL_INTERNAL_USB_CYCLE_PORT. Both of these functions just send the IRP once.

What OS and what host controller are you seeing this on? Are you sure that you are not calling WdfUsbTargetDeviceResetPort/CyclePortSynchronously twice in 2 different threads? In which callback(s) are you making the call to these DDIs?

d

--

Please do not send e-mail directly to this alias. this alias is for newsgroup purposes only.
This posting is provided "AS IS" with no warranties, and confers no rights.

"Stanislav Petrenko" <StanislavPetrenko@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:9410B811-AFAE-4EEB-A772-92F68CC0C300@xxxxxxxxxxxxxxxx

Hi All.

I am using wdf to make a usb dfu driver. Trying to reset USB device through the call of WdfUsbTargetDeviceResetPortSynchronously or WdfUsbTargetDeviceCyclePortSynchronously I see in the trace that both of them reset device twice. That behavior prevents dfu from proper work.

Re: WDF supplied functions send reset packet twice through USB

Is it made intentionally? Or am I wrong? How to reset device just single time using wdf?

--

Thanks, Stanislav.