

Re: Unidrv Minidriver for Win 9x??

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2004-04/0200.html>

From: vipin aravind (vipin_at_nospam.com)

Date: 04/02/04

Date: Fri, 2 Apr 2004 23:59:16 +0530

Use softice. Nice debugger.
vipin

"Bobby Mattappally [MS]" <bobbym@online.microsoft.com> wrote in message
news:SnBffxCGEHA.612@cpmsftngxa06.phx.gbl...

> *Hi Sam,*
> *Is this an NT 4.0 driver?*
> *In NT, the rendering dll is run in kernel mode.*
> *So won't be able to debug it in usemode.*
>
> -----
> *From: "Sam" <anishsam@gnostice.com>*
> *Hi,*
>
> *Well, I am trying to create a virtual printer driver which will give me*
the
> *EMF file. I need to obtain the Metafile which is spooled. According to the*
> *reading that I've done, I have concluded that I'll need to write a Unidrv*
> *Minidriver for this, or a print processor (which will be more work). I was*
> *wondering if this will work for all platforms of Windows –*
> *9X/ME/XP/NT/2K/etc. I guess I'll have to write different drivers for each*
> *platform, but based on the same technology – Unidrv Minidriver!!!!*
>
> *Are my assumptions right?*
>
> *Also, I'm having some trouble trying to debug and trace through the OEMDLL*
> *sample that comes with NTDDK. I created the checked build DLLs and*
installed
> *them. Then I opened WinDbg and attached to spoolsv.exe process.*
>
> *I've set the symbol path to windows 200 symbols and the OEMDLL's i386*
> *directory. These are my symbol paths I've set in WinDbg:*
> *C:\WinSymbols;C:\NTDDK\src\print\oemdll\i386;*
>
> *I've set the source path to:*
> *C:\NTDDK\src\print\oemdll\oemuni*
>

> Then, I opened the "enable.cpp" and "dllentry.cpp" files using "Open
Source"
> menu option, and tried to set breakpoints. But it does not get set.
>
> When I invoke printing using WordPad, control comes to WinDbg, and I press
> F10 (Step Over) to go step by step. But the control never comes to any of
> the source files I've opened, and the "Command" window shows a number of
> "DLL ENTRY DLL ENTRY DLL ENTRY..." Nothing else.
>
> How can I trace through the source code? What am I doing wrong in the
above
> steps?
>
> Thanks in advance,
>
> --
> Sam.
>
>
>
> Hope this helps.
>
> Thank you,
> Bobby Mattappally
> Microsoft DDK Support
>
> This posting is provided "AS IS" with no warranties, and confers no
rights.
>