

Re: SD card driver development.

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2006-09/msg00401.html>

- *From:* seshucherukuri@xxxxxxxxxx
 - *Date:* 14 Sep 2006 07:11:02 -0700
-

thanks Henrik,
here i would like to know, how my card read and write operation is done.
i have gone through the PXA27x code for SD card,i have not seen any where the read/write operation for the same. whether i have to do any modifications for Client driver to perform the same.
and also how my driver is loaded?
thanks,
seshu

Henrik Viklund wrote:

You need to read the docs and look at the sourcecode. It is practically impossible to answer this kind of general question about such complex architecture over a medium such as a usnet group.

Henrik Viklund
<http://www.addlogic.se>

seshucherukuri@xxxxxxxxxx wrote:

Thanks Henrik.
here i would like to know how my host controller driver is communicating with the bus and client drivers.
what all i need to do to achieve this target?

thanks,
seshu

Henrik Viklund wrote:

Read "Developing a Device Driver > Windows CE Drivers > Secure Digital Card Drivers" in the PB5 help.

Check out
"\\WINCE500\public\common\oak\drivers\sdcard\" for the source

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for the sd card related drivers and helper libs.

An example implementation sdhc driver:

"\\WINCE500\\PLATFORM\\MAINSTONEII\\src\\drivers\\sdhc\"

Henrik Viklund

<http://www.addlogic.se>

seshucheruk...@xxxxxxxxxx wrote:

Thanks Henrik for the prompt reply.
i am very confused now.
as these days i have gone through the block
driver architecture in
WinCE and prepared to start with the
implementation of client drivers.
as i thought only the registry settings have to
be changed in host
controller driver.

would you please give me some inputs from
your side how to proceed with
my task.
as i am new to this driver development in
Windows CE.
and present from where to start?
and if you suggest me to go through some
documents for help it will be
a good thing.

thanks,
seshu

Henrik Viklund wrote:

As I said in the other post
you normally only need to
implement a host
controller driver that
abstracts your hardware to
the host controller
driver interface. This way
you can utilize the bus and
class drivers
that are provided with CE5.

Henrik Viklund

<http://www.addlogic.se>

seshu wrote:

Re: SD card driver development.

Hi,
I am
developing
SD card
driver for
the
ARM926EJS
processor in
winCE 5.0

here i am
developing
the client
driver as a
block
driver.
can i
consider
this as an
ATA type
driver?
whether I
have to
develop the
host
controller
driver and
the bus
driver
or not?

thanks,
seshu