

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2008-05/msg00138.html>

- *From:* saravana <saravana@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 8 May 2008 10:45:04 -0700
-

Thanks Milind,
I will the suggestion provided by you and update the status in this newsgroup.

saravana

"embedinfo" wrote:

On May 7, 11:00 am, saravana <sarav...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

Hi Bruce,
After enabling the following variables, my device is recognized as a mass storage device.
BSP_NOUSBCLIENT=1
BSP_NOUSBFN=
SYSGEN_USBFN=1
SYSGEN_USBFN_STORAGE=1
But now i am facing a new problem. The device recognized as mass storage device but does not show any drive letter for the flash.
I believe its a problem with mounting the filesystem.
Could you please guide me regarding this?
Thanks
Saravana

"Bruce Eitman [eMVP]" wrote:

Then I do not think that your USBF driver is bus agnostic.
Yes it works
with CE 5.0, but it is not consistent with the new for CE 5.0
USBF
architecture. That architecture is only needed if you want to
do something
other than serial over USB for ActiveSync.

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

--

Bruce Eitman (eMVP)
Senior Engineer
Bruce.Eitman AT EuroTech DOT com

EuroTech Inc.
www.EuroTech.com

"saravana" <sarav...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote
in message
news:C0FCD488-8461-4841-8C3F-E76B782386EA@xxxxxxxxxxxxxxxxxxxxx

Hi Bruce,
In my build serialusbfm.dll is not included.
When i connect the device,
wceusbsh.sys is getting loaded and in the
device manager i could see it as
windows ce devices. Once i enable, still
active sync works. It seems the
OS
always tries to load wceusbsh.sys for my
device. Please give me your
inputs.
Saravana

"Bruce Eitman [eMVP]" wrote:

You haven't bothered to
answer my questions yet. I
need you to answer
those
questions before I go
further, nor does it appear
that you bothered to
try
my suggestions. Both my
questions and my
suggestions are meant to
help
debug your problem.

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--

Bruce Eitman (eMVP)
Senior Engineer
Bruce.Eitman AT EuroTech
DOT com

EuroTech Inc.
www.EuroTech.com

"saravana"

<sarav...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:2A6C931C-F720-4556-8810-0EB0B90350BA@xxxxxxxxxxxxxxxxxxxx

Hi Bruce,
Thanks for
the reply.
Even
though i
made the
usb mass
storage
function
driver
usbmsfn.dll
as the
default
client
driver,
whenever i
connect the
CE5.0
terminal to
the PC, only
usb serial
function
driver is
getting
loaded.
I
have
enabled the
debug info
in BOT.cpp
and

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

block.cpp
and am not
getting any
debug
messages
from those
files which
tells me that
usbmsfn.dll
is not at
getting
loaded.
I believe
excluding
serialusbfm.dll
from the
image is
sufficient.
Please let
me know
your inputs
regarding
this.

Saravana

"Bruce
Eitman
[eMVP]"
wrote:

Modified
to
be
a
bus
agnostic
driver,
or
modified
to
just
work
on
CE

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

5.0?
There
is
a
big
difference.

Do
you
have
the
serialusbfm.dll
in
your
build?
If
you
remove
it
does
ActiveSync
still
work?

--
Bruce
Eitman
(eMVP)
Senior
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AT
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EuroTech
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www.EuroTech.com

"saravana"
<sarav...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

in
message
news:A356B017-5188-44E1-A3A9-34A459371844@xxxx

Hi
Bruce,
Thanks
for
your
reply.
Yes
we
have
the
USBFN
driver
which
was
derived
from
CE4.2
and
modified
according
to
CE5.0
USB
function
driver
requirements.
USB
active
sync
works
fine
without
any
problem.
usbmsfn.dll
is
present
in
the
release
directory.
But
this
dll
does
not
seem

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

to
be
loaded.
Awaiting
your
reply.

Saravana

"Bruce
Eitman
[eMVP]"
wrote:

Is
your
USB
driver
originally
from
CE
4.x,
or
do
you
have
a
bus
agnostic
driver?

--
Bruce
Eitman
(eMVP)
Senior
Engineer
Bruce.Eitman
AT
EuroTech
DOT
com

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

EuroTech
Inc.
www.EuroTech.com

"saravana"
<sarav...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:23C0480A-7D55-48BF-9D7E-8CBC

Hi
All,
I
am
trying
to
expose
my
flash
folders
as
a
USB
mass
storage
device.
Added
SYSGEN_USBFN_STORAGE
catalog
item
and
added
following
regisry.
settings
to
my
platform.reg:
[HKEY_LOCAL_MACHINE\Driver
"DefaultClientDriver"=-
;
erase
previous
default
[HKEY_LOCAL_MACHINE\Driver
"DefaultClientDriver"="Mass_Storage

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

```
[HKEY_LOCAL_MACHINE\Drivers  
"Dll"="usbmsfn.dll"  
"InterfaceSubClass"=dword:06  
"InterfaceProtocol"=dword:50  
"DeviceName"="DSK1:"  
"FriendlyName"="Mass  
Storage"  
"idVendor"=dword:045E  
"Manufacturer"="Generic  
Manufacturer  
(PROTOTYPE--Remember  
to  
change  
idVendor)"  
"idProduct"=dword:FFFF  
"Product"="Generic  
Mass  
Storage  
(PROTOTYPE--Remember  
to  
change  
idVendor)"  
"bcdDevice"=dword:0  
But  
still  
if  
i  
connect  
my  
ce5.0  
device(active  
sync  
disabled),  
it  
is  
getting  
recognized  
as  
"Windows  
CE  
devices"  
and  
not  
as  
a  
mass  
storage  
device.  
If
```

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

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i
enable
active
sync,
it
works
with
USB.
When
i
check
with
Remote
Process
viewer,
i
could
not
see
the
usbmsfn.dll.
I
checked
the
device
names
using
storage
manager
application
and
in
the
registry
too.
The
name
is
DSK1,DSK2
for
platform&application
and
DSK3
is
for
SD
cards.
I
am
not
sure,

Re: Need Help: CE5.0 flash is not shown as USB mass storage device

whether
i
need
to
make
any
code
changes
in
USBFN
driver
to
show
my
flash
folders
as
a
SUSB
mass
storage
device.

Could
anyone
please
tell
me
what
are
changes
we
need
to
make
to
show
as
terminal's
flash
as
USB
storage
device?

Please
give

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me
your
valuable
inputs.
I
appreciate
your
help
in
advance.

Thanks
Saravana-
Hide
quoted
text
-

- Show quoted text -

Hi there,

Use "usb-monitor-pro" tool (evaluation copy is available for download) to see what is going wrong. See if you are sending UFN_ATTACH, UFN_DETACH and UFN_RESET notifications to MDD properly in your function driver. (Since in my BSP UFN BUS RESET event was not handled, I was getting similar problem)

Hope that helps!

Thanks
-Milind