

Re: Hibernation without EWF

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2006-10/msg00206.html>

- *From:* Tim Hunter <TimHunter@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 10 Oct 2006 12:54:01 -0700
-

Installing the class installer for the display was the trick. It works great now. I already had the device driver in the image. So why doesn't it want to hibernate if the display adapter is wrong?

Thanks for the help,
Tim

"KM" wrote:

Tim,

Not surprising hibernation doesn't work for you. Your display driver never got installed on the target.

You not only need the class installer but also the proper display driver for the video card you are using on the target machine.

If you are not sure what's there either analyze TAP output or investigate it using Device Manager on XP Pro installation on the same machine.

You will have to componentize that driver (I assume there is no database driver for that card otherwise it would be picked by the TAP pmq import).

Errors around wisc.dll. Make sure you've got all the dependencies of "Soap Client Runtime" component resolved in your config.

Errors around autodisc.dll. This is a good one. Another Dll that is missing an owning component in the database. It is interesting that this didn't get fixed even in coming FP2007.

I'd recommend you to copy that Dll manually to your runtime or create a component that will bring this file in your image (or use TD Extra Files option).

=====

Regards,

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KM

Both of the files that you mentioned in the previous post were included in the image. I found a couple of failures.

```
#I140 Installing device class: "Display"  
{4D36E968-E325-11CE-BFC1-08002BE10318}.  
#E067 Could not locate section [ClassInstall32].  
#E142 Class: {4D36E968-E325-11CE-BFC1-08002BE10318}. Install  
failed.
```

I added the ClassInstaller Display adapters for this one.

```
#-166 Device install function: DIF_SELECTBESTCOMPATDRV.  
#W059 Selecting best compatible driver failed. Error 0xe0000228: There are  
no compatible drivers for this device.  
#W157 Default installer failed
```

Don't know what this one is.

```
#W374 Digital signature verification was skipped for a file being registered  
("C:\Program Files\Common Files\MSSoap\Binaries\wisc10.dll").  
#E089 Failed to load the OLE Control "C:\Program Files\Common  
Files\MSSoap\Binaries\wisc10.dll". Error 126: The specified module could  
not  
be found.  
#E291 Failed to register OLE server "C:\Program Files\Common  
Files\MSSoap\Binaries\wisc10.dll". Error 126: The specified module could  
not  
be found.
```

don' know these either

```
#E089 Failed to load the OLE Control  
"C:\WINDOWS\system32\autodisc.dll".  
Error 126: The specified module could not be found.  
#E291 Failed to register OLE server "C:\WINDOWS\system32\autodisc.dll".  
Error 126: The specified module could not be found.  
#-290 Processing REGISTERDLLS section [OleControlDlls]. Binary:  
"%11%\shmedia.dll", flags: 0x0001, timeout: 60s.  
#W374 Digital signature verification was skipped for a file being registered  
("C:\WINDOWS\system32\shmedia.dll").  
#E089 Failed to load the OLE Control  
"C:\WINDOWS\system32\shmedia.dll".  
Error 126: The specified module could not be found.  
#E291 Failed to register OLE server "C:\WINDOWS\system32\shmedia.dll".  
Error
```

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126: The specified module could not be found.

Add a lot of other dll failed to register as well.

"KM" wrote:

Tim,

Forgot to mention that the error code 1141 is

ERROR_SET_POWER_STATE_FAILED.

<http://windowssdk.msdn.microsoft.com/en-us/library/ms681383.aspx>

I am still wondering about the video driver and FBALog.txt
on your target.

Any chance it has a string like the following:

"FBChangeDisplaySettings] Settings not found!" ?

--

=====

Regards,

KM

It doesn't go into hibernated state. The OS
doesn't have a hiber file like
it is suppose to and when I run xpepm from
the command prompt it gives me
error 1141, but no error when I run fba
-hibernate from the command prompt.
XP pro does everything including hibernate.

Thanks,

"KM" wrote:

Tim,

And what's happening when
you launch xpepm? Does
the system go to hibernated
state or not?

Sorry, your first post " I
can't be my OS to create an
hibernation file" is not very
clear to me and so I am
trying to
understand

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what's really being seen on your side.

Try launching CMD instead. And from the command prompt window run the xpepm or fba -hibernate command and see if it outputs any errors. (I'd rather do an API call from your custom shell and analyze the result code but it can be started with the CMD approach first)

Also, how XP Pro behave on your target? Are you able to put XP Pro there in standby and hibernate states?

--

=====

Regards,
KM

I am using the xpepm -hibernate. I am also running minlogon with a custom shell.

"KM"
wrote:

Tim,

If I may ask, how

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exactly
you
put
the
system
in
hibernation
state?
What
command
or
API
you
are
using?
(btw,
what
Shell
you
are
running?)

Could
you
also
try
"\\windows\fa\fa
-hibernate"
command?
Does
it
fail
or
succeed?

--
=====
Regards,
KM

"Tim
Hunter"
<TimHunter@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:33BC3F0C-2038-420E-AA1F-BFBFEBB99809@xx

adding
the

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disk
dump
manager
didn't
work.
Any
other
ideas?

thanks

"Tim
Hunter"
wrote:

Well
here
is
my
configuration.
Advantech
pcm9581
with
all
of
the
harddrives
from
advantech. Also
am
using
the
ACPI
Uniprocessor
PC
componet
with
the
hibernation
enabled
and
set
to
Home/office
Desk.
My
boot
partition
is
30gb

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on
a
harddrive.
I
will
be
adding
the
disk
dump
componet
today.
Thanks
for
the
help

"Sean
Liming
(eMVP)"
wrote:

You
need
to
select
the
"enable
hibernation"
option
in
your
Computer
Component
(i.e.
ACPI
Uniprocessor,
etc.)
for
hibernation
to
work.
Also,
there
needs
to
be
enough
empty

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space
in
the
boot
partition
to
support
the
total
amount
of
RAM
in
the
system.

Regards,

Sean
Liming
www.sjjmicro.com
/
www.seanliming.com
XP
Embedded
Book
Author
-
XP
Embedded
Advanced,
XP
Embedded
Supplemental
Toolkit

"Tim
Hunter"
<TimHunter@xxxxxxxxxxxxxxxxxxxxxx
wrote
in
message
news:0BCAC01A-7D5C-415D-BE

so
I
added
the
power
managment

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application
componet
and
I
can't
be
my
OS
to
create
an
hibernation
file.
I
am
using
the
Minlogon
configuration.
Any
thoughts?

Thanks,
Tim

"Oren
Winter
[MS]"
wrote:

Tim,
EWF
is
needed
only
for
HORM
(Hibernate
Once
Resume
Many)
feature
and
not
for
"normal"
hibernation
operation.
So
yes,

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if
all
you
need
is
the
generic
hibernation
support
in
the
image
you
don't
need
to
have
EWF.
Thanks,
Oren

"Tim
Hunter"
<TimHunter@xxxxx
wrote
in
message
<news:8606E160-AB>

Is
is
possible
to
enable
hiberantion
without
the
EWF
componet
installed?

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