

Re: Incorporating a 3rd party driver into a BSP/Image

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2007-08/msg00429.html>

- *From:* Roger Williamson <RogerWilliamson@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 17 Aug 2007 11:22:02 -0700
-

Bruce,

I had to dismantle the .CAB file by hand and look through the XML file, and then compare the files listed to the files that got installed on my CE device (pretty awful process involving TFTP and a lot of browsing). Luckily, the Registry settings were pretty easy to understand.

And to think that I'll most likely have to do everything manually next time because my IT department is paranoid about what they let us install.

Thanks for the tip, though, I'll most likely use it with my own personal development,
Roger

"Bruce Eitman [eMVP]" wrote:

Heck, it is all down hill from here then.

You may want to look for a tool to get the registry out of the CAB file. MagicCAB works nice for this, but the registry information is not output in a .reg file so it then needs to be reformatted.

If only we could get Summit, and all of the others, to think about PB users. I have talked with them about this, if you get a chance send them an email about the troubles you are going through. If enough of us do it, they might just change the way they deliver the drivers to us.

--

Bruce Eitman (eMVP)
Senior Engineer
beitman AT applieddata DOT net

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Microsoft WEP Gold-level Member

Re: Incorporating a 3rd party driver into a BSP/Image

"Roger Williamson" <RogerWilliamson@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:2BB1D628-F94E-423D-85BF-B5C52DF99159@xxxxxxxxxxxxxxxxxxxx

I appologize about my bat/dat confusion. I know that the "File System Files", referenced in the Platform Builder help article with the same name, are .dat files. I also pulled the poorly referenced 'source code' from that article.

I am now able to configure the file system, and by extension get all of my files where they need to be.

The next step is configuring the registry, then on to making the whole driver suite actually run as if a CAB had installed it.

Thank you for your patience, I am a terrible internet newbie, and an entry-level programmer, essentially fresh out of college.

Also, as my fiance keeps telling me, my written skills are abysmal... sorry to make you all suffer because of them.

Once again, thank you for pointing me in the right direction.

"Bruce Eitman [eMVP]" wrote:

And what sample code worked? I don't recall that we this thread discussed any sample code, I though we were talking about a the Summit binaries.

Keep in mind that we don't know what you are doing, looking at, working with... unless you tell us. There is no one size fits all to this.

--
Bruce Eitman (eMVP)
Senior Engineer
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"Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam

Re: Incorporating a 3rd party driver into a BSP/Image

DOT

com> wrote in message

news:eCbJ2dO4HHA.5984@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Again with bat files? What bat files? Most of the postmakeimg.bat and such files don't have any default operations in them. They're available for you to use, but they don't do anything that Microsoft needs.

Paul T.

"Roger Williamson"

[<RogerWilliamson@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>](mailto:RogerWilliamson@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

wrote in

message

news:A7E1427A-ED85-4E55-8C37-6A6CD6C4E236@xxxxxxxxxxxxxxxxxxxxx

Paul,

I looked at that help file, and nothing in it worked. I've been pulling my hair out trying to figure out what type of build I have to do in order for the changes I make to the .dat files take effect in the image. I've tried sysgen, I've tried make runtime image.

Suddenly, to my surprise, I deleted my .bat files, and the example code worked! I feel like my brain is melting, what just happened has got to be impossible.

Also, all the .bat files I've seen are empty (or have a

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comment from
Microsoft) is that correct
what I should expect to see?

Thank you for your help and
patience with such a CE
newb like me,
Roger

"Paul G. Tobey [eMVP]"
wrote:

In the
Windows
CE 5.0
help, find a
page titled
"File
System
File".
It
tells
you how to
use the
platform.dat
file to create
folders and
copy files
from
the
\Windows
folder at
run-time to
where you
want them
to go (it's
not a
batch file,
AT ALL).

Paul T.

"Bruce
Eitman
[eMVP]"
<beitman.nospam@xxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:OpuwYC43HHA.1900@xxxxxxxxxxxxxxxxxxxxxxxx

Re: Incorporating a 3rd party driver into a BSP/Image

That
is
platform.Dat
with
a
D.
It
happens
long
before
you
will
need
the
driver.

--
Bruce
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"Roger
Williamson"
<RogerWilliamson@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:61BA5B0D-AAAA-4108-94E1-690C707B73ED@x

Re: Incorporating a 3rd party driver into a BSP/Image

I've
realized
a
few
issues:
--Which
platform.bat
file
should
I
be
modifying?
--Will
the
platform.bat
execute
in
time
to
have
a
item
moved
to
the
startup
folder
and
run?

Thanks
again,
Roger

"Paul
G.
Tobey
[eMVP]"
wrote:

Hang
on.
It's
binary
files,
right?
Put
it
in
platform.bib

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and
everything
will
go
into
the
\Windows
folder
(that's
the
only
choice
and
non-negotiable).
If
you
need
to
have
the
files
copied
from
\Windows
to
some
other
location
at
run-time,
you
can
do
that
with
entries
in
the
platform.dat
file.

As
far
as
'making
it
part
of
my
BSP',
I'm

Re: Incorporating a 3rd party driver into a BSP/Image

not
sure
what
that
means
to
you.
You're
going
to
ship
this
BSP
to
others
for
use
in
creating
their
own
OS
configurations
for
your
hardware?
If
not,
you
can
put
the
entries
for
your
driver
into
its
own
catalog
item
and
add/remove
them
from
any
OS
configuration,
regardless
of
what

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BSP
it's
targeting.

Can
we
know
what
WiFi
card
we're
talking
about?

Paul
T.

"Roger
Williamson"
<RogerWilliamson@xxxxxxxxxxxxxxxxxxxxxx
wrote
in
message
news:555E2858-0C80-4490-9E07-E3D140

I
have
a
.CAB
file
which
installs
a
WiFi
card
driver
onto
the
CE
device
I'm
developing.
I've
been
able
to
extract
out
all
the
binary

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files,
and
the
registry
changes
necessary
to
get
the
driver
up
and
running,
but
I've
run
into
a
problem.

I
don't
know
how
to
incorporate
a
binary-only
driver
into
a
BSP
(especially
not
one
with
several
components
which
installs
itself
across
subdirectories
in
the
\Windows
folder)

Even
worse,
the

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word
from
higher-ups
says
I
have
to
get
rid
of
the
CAB
support
since
it
is
taking
up
too
much
space,
so
I
have
to
incorporate
this
driver
into
my
image
at
least,
even
if
it
is
impossible
to
make
it
part
of
the
BSP.

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