

Re: Developing a driver targeting both 5.0 and 6.0

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded/2007-08/msg00098.html>

- *From:* Tom <Tom@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 8 Aug 2007 11:58:02 -0700
-

Hi Dean,

Thanks. I was actually wondering about the dot verisons. Thanks for that clarifications. It really helps in several areas from trying to know what version one has to making sure the right version is used with something else. Thanks again!

Regards,
Tom

"Dean Ramsier" wrote:

Also note that there is no CE5.1 and CE5.2 releases. WM5 and WM6 are both based on CE5, but both were pulled from a point (separate points, probably) in the code stream subsequent to the external CE5.0 release. These points are sometimes referred to internally as 5.01 etc, but no one on the outside has thse versions. There has never been an external dot release for CE5, so the folks in embedded all have CE5.0.

—
Dean Ramsier – eMVP
BSQUARE Corporation

"Tom" <Tom@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:F7D55AAB-6431-4FEB-A336-FF8400A65E93@xxxxxxxxxxxxxxxxxxxx>

Really great info. Thanks tremendously!

Regards,
Tom

"Paul G. Tobey [eMVP]" wrote:

Yes, CE5 and PB5 are paired. The same for Windows

Re: Developing a driver targeting both 5.0 and 6.0

Embedded CE 6.0 and
PB6.

What PB5 and PB6 *are* is no longer the same. PB5 was a stand-alone development IDE, while PB6 is a plug-in for Visual Studio 2005 (this saves the Windows CE group from having to maintain that IDE code). As I recall, most of the CE5 stuff is still available for download and you can certainly still *buy* CE5/PB5 from your Microsoft distributor.

We don't have any direct contact with the Web site people, but you can certainly Send Feedback from some of those pages...

Paul T.

"Tom" <Tom@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:5182900D-8A79-4F60-88A9-D228B125C8DA@xxxxxxxxxxxxxxxxxxxx

Hi Bruce,

Thank you for the fast reply (and thanks to everyone else who replied as well).

Yeah, I took someone's info that WM 6 matched to CE 6 as if they had looked into it. For whatever it's worth, I searched around quite a bit on Microsoft's site and didn't find it spelled out. I actually had this happen a few years ago when I wrote a client USB driver for CE. Finding the initial roadmap to resync on what product versions relate to what seemed more difficult to find than I'd expect.

I finally found the version info on Wikipedia as well as this site:
<http://www.pocketpcfaq.com/wce/versions.htm>

Re: Developing a driver targeting both 5.0 and 6.0

I wonder if Microsoft could have a easy to find roadmap? For example, I went to the WM6.0 page, and then clicked For Developers in the left pane, and on that page, I find "Introducing" WM and stuff like that, but no quick high-level. It seems to me that new developers as well as devs who are coming back after a break might benefit from something that highlights the recent versions. I'm sure Msoft has something somewhere, but I did not find it immediately available on the WM sites FWIW.

Here's what I have based on your message and the above sites:

WM 5.0-->CE 5.0 and CE 5.1...
WM 6.0-->CE 5.2...

And just so I don't assume, are the following correct:

Platform Builder 5.x ----> CE 5.x
Platform Builder 6.x ----> CE 6.x

Actually, it seems like they've changed the names slightly to this:

Platform Builder for Windows® Embedded
CE 6.0 ----> CE 6.x
Platform Builder for Microsoft Windows CE
5.0 ----> CE 5.x

I have to say, though, when I go to the CE Embedded home page on Microsoft's site, you go right to 6.0 and there isn't any obvious product link I could find to go to 5.x. I guess the idea is to target new hardware folks so I'm guessing they want to push CE 6.0 to that audience, somewhat hiding CE

Re: Developing a driver targeting both 5.0 and 6.0

5.0.

But if you're a driver developer, or even a WM 5.0 or 6.0 developer who needs lower-level information, you can get lost just trying to figure out what's what.

Please excuse the long email but I wanted to offer the user experience in case you have somewhere where you can forward any suggestions.

I really appreciate your answers and clarifications! I'd still be wondering with them.

Regards,
Tom

"Bruce Eitman [eMVP]" wrote:

Tom:

Paul is correct WM 6 is not based on CE 6.0.

It is important to understand that WM versions do not match Windows CE versions. And because this newsgroup is focused on Windows CE, your subject implicitly refers to Windows CE 5.0 and 6.0. But because WM is based on Windows CE, this group is a perfectly acceptable place to ask questions about WM driver development.

Re: Developing a driver targeting both 5.0 and 6.0

--

Bruce Eitman (eMVP)
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Member

"Paul G. Tobey [eMVP]" <p
space tobey no spam AT no
instrument no spam
DOT
com> wrote in message
news:eQAnehQ2HHA.6072@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

You might
be able to
write
certain
types of
drivers in a
form that
would
work in
both. If I
recall,
WM6 is not
based on
Windows
CE 6, but
on
CE5,
no? If so,
there should
be no
problem
targeting
WM5 and
having that
same
driver work
with WM6,
in most
cases. There
will always
be

Re: Developing a driver targeting both 5.0 and 6.0

exceptions,
of
course. If
I'm wrong
and WM6 is
based on
CE6, I think
you're out
of
luck.

Paul T.

"elysion"

<elysion@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in
message

news:12DC79D8-F920-4437-9AC5-9E576F2996A4@xxxxxxxxxxxx

Hi,

From
what
I
understood
from
the
Microsoft's
help
files,
tutorials
and
videos,
the
drivers
in
CE
5.0
and
CE
6.0
are
quite
different,
so
you
can't
just
use
the
same

Re: Developing a driver targeting both 5.0 and 6.0

binary
you
used
in
CE
5.0
in
CE
6.0.
Also
I
haven't
found
any
switch
in
PB6
to
tell
the
compilers
and
linkers
to
build
the
driver
for
CE
5,
so
I
guess
you
would
need
to
get
the
PB5
also.
But
I'm
no
pro
in
these
things,
so
a
lot

Re: Developing a driver targeting both 5.0 and 6.0

of
this
is
just
guessing.
Hope
someone
else
has
more
solid
info
for
you
:).

"Tom"
wrote:

If
someone
wants
to
develop
a
driver
that
will
work
on
both
Windows
Mobile
5.0
and
6.0,
are
both
Platform
Builder
5.0
and
6.0
needed?

If
the
answer
depends
on

Re: Developing a driver targeting both 5.0 and 6.0

the
driver,
it
would
be
nice
to
know
that.
For
example,
if
in
some
cases,
PB
6.0
can
be
used
for
DD
development
targeting
both
CE
5.0
and
6.0,
while
in
other
cases
it
cannot
target
both,
knowing
that
would
be
helpful.
Then
the
answer
is
a
matter
of
finding
out

Re: Developing a driver targeting both 5.0 and 6.0

what
areas
of
DD
development
we're
touching
upon.

If
the
binaries
are
different,
or
something
is
so
different
across
the
board
that
one
would
never
target
CE
5.0
with
PB
6.0,
that
would
be
helpful
to
know
as
well.
(I'd
find
this
"across
the
board"
incompatibility
hard
to
understand
since

Re: Developing a driver targeting both 5.0 and 6.0

I'm
guessing
that
some
drivers
from
5.0
must
be
usable
on
6.0,
but
that's
just
my
guess.)

If
there
are
any
good
Inet
or
Msoft
articles,
it
would
be
great
to
have
a
URL.

I'm
trying
to
avoid
purchasing
both
PB
5.0
and
6.0
if
only
PB
5.0
is

Re: Developing a driver targeting both 5.0 and 6.0

needed.
Or,
if
PB
6.0
supports
development
of
CE
5.0
compliant
drivers,
there's
no
need
to
invest
in
PB
5.0.
Hopefully
the
purpose
of
my
question
makes
sense.

Thanks
in
advance!

Regards,
Tom

Re: Developing a driver targeting both 5.0 and 6.0