

Re: How to make application work on Symbol MC3000?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2006-08/msg003>

- *From:* "zangloma" <Zarko.Stanisavljevic@xxxxxxxxxx>
 - *Date:* 27 Jul 2006 00:29:05 -0700
-

What SDK are you refering to?

I tried to instal Platform SDK for MC3000c42 that I got from Symbol's site, but it won't start the installation without eVC. And when I'm deploying

I am doing it from VS, so it transfers everything by it self.

Could you tell me exactly what do you have on your PC, and on your device. And the exact procedure for creating the empty form that will work.

Please.

Zarko

CenGenTech wrote:

Zarko,

I had a similar problem when I first started developing for the MC3000. My applications would work on a Symbol MC9000 and Dell Axim running Pocket PC but would not run on the MC3000. I contacted Symbol and got their SDK and it solved the problem. I'm using the Symbol Mobility Developer Kit for .Net v1.2. Symbol says the SDK is only for the MC9000 series devices running Pocket PC but one of their Engineers told me to use it with the MC3000 as well and it did the trick.

When you build your CAB file, which files are you installing on the device? If the CAB file is built correctly it should be something like AppName_PPC.ARMV4.CAB and AppName_PPC.ARMV4.DAT. The CAB files will install the application on the device so it will run properly.

If you have active sync and the device hooked directly to your development machine, you could also run in debug mode on the device itself. That would be your best bet because it would deploy everything to the device for you.

Regards,
Johnny

Re: How to make application work on Symbol MC3000?

zangloma wrote:

I must sadly say yes. I did nothing wrong and just couldn't run it. I decided to switch to embedded Visual C++ 4.0 for my current needs, and everything works fine, although programming is much more difficult. I just hope that I won't have these kind of problems when I start to write applications in VS2005 for devices that have Windows CE 5.0. Thanks again for all your trouble.

Best regards,
Zarko Stanisavljevic

Paul G. Tobey [eMVP] wrote:

Only if you told it to do the wrong thing. I suppose that, if you want to spend the day installing things, you could uninstall VS and reinstall it and see if that makes any difference but I think that it's very unlikely, if you did everything correctly, that this would happen. You're just running the default code created by the new project wizard, right? You selected Other Languages | Visual C# | Smart Device | Windows Mobile 5.0 Pocket PC and then selected Device Application (1.0) from the list of project types?

Paul T.

"zangloma" <Zarko.Stanisavljevic@xxxxxxxxxx> wrote in message
news:1153821070.650255.308360@xx

Here is what I just noticed.
When I download application ("Hello World") from my MC3000, which came with the device and which works on a device, and try to run it on my PC I get ""Hello.exe" is not a valid Win32 application" which is opposite from the error I get when I run my application on the device. Also my application works fine on the PC.
Can it be possible that the VS doesn't create SmartDeviceApplication correctly? And if it can, then

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what should I do about it?

Best regards,
Zarko Stanisavljevic
zangloma wrote:

I also just tried Pocket PC
2003 SDK, but it is used
with
eVC, too.
I really don't no what to do
anymore. I have application
that
should without a problems,
but it just won't.

Zarko
zangloma wrote:

I know it
should, but
it won't.
I believe
that the
simpliest
application
("Hello
World"),
should work
if I only
deploy
Compact
Framework
1.0 and the
application
it self.
But I get
""SmartDeviceApplication1"
is not a
valid
Windows
CE
application"
error.
Do you
maybe
know what
could be the
reason?

Zarko

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Dexlex
wrote:

eMbedded
Visual
C++
is
definitely
not
needed
for
SMDK
V1.3
for
.Net,
only
for
SMDK
V1.4
for
eVC.

For
simple
applications
you
don't
need
any
Symbol
SDK
at
all.
The
DCP
is
only
needed
to
create
HEX
files
for
download
using
the
IPL
mode
of
the
PDA

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for
deployment.

Just
create
a
small
"Hello
World"
program
(Smart
Device
Application
for
.Net
1.0),
download
it
to
the
device
(either
by
using
the
debugger
or
by
copying
it
to
the
file
system
on
the
device
with
ActiveSync)
and
start
it
–
it
should
work.

Dex

"zangloma"

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up
barcode
reader
in
the
Toolbox
in
VS
and
also
bunch
of
dll
files
on
the
device.
Symbol
does
have
a
Symbol
SDK,
but
it
only
works
in
combination
with
embedded
Visual
C++
4.0,
and
I
would
definetly
like
to
avoid
switching
to
another
language.
But
that
SDK
won't
install
wirhout

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eVC.
Here
is
what
the
Symbol
tech
support
wrote
to
me:
"Hello
Zarko,

Please
see
the
install
requirements
for
the
Symbol
Mobility
Developer
Kit
v1.3
for
.NET
–

http://devzone.symbol.com/content.cfm?item_id=961C47DD8897

Also
make
sure
you
have
installed
DCP
V1.1
for
the
MC3000
from
the
devzone
–

http://devzone.symbol.com/content.cfm?item_id=A61A1EB89153

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Kind
regards,

Tom
Stejskal

L1
CIC
Technical
Helpdesk
EMEA
Customer
Operations
Global
Services
Division
Symbol
Technologies,
Inc.
www.symbol.com

www.symbol.com/services/contactsupport
for
your
local
support
number

emea.tech@xxxxxxxxxxx

Symbol.
The
Enterprise
Mobility
Company.
(TM)"

So
I
did
that
and
again
nothing.
The
DCP
v1.1
is

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used
for
file
transfer
between
the
PC
and
the
device.
Only
interesting
thing
that
I
saw
was
when
I
visited
the
second
link
that
they
gave
me.
There
is
a
following
sentence:
"A
DCP
can
NOT
be
used
to
create
applications.
To
create
applications
for
the
MC
3000,
download
and
install

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theSMDK
for
eVC4
and
the
Microsoft
Pocket
PC
2003
SDK."
And
the
part
that
I
find
interesting
is
about
Pocket
PC
2003
SDK.
Could
that
be
the
solution
for
my
problem?
I
will
give
it
a
shot.
And
if
anyone
thinks
of
something
I
could
try
do
tell.
I
'm
sure

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that
it
has
to
work
with
VS.

Best
regards,
Zarko
Stanisavljevic

Dexlex
wrote:

CE4.2
=>
VS2003
CE5.0
=>
VS2005

This
is
the
supported
way,
but
CE4.2
with
VS2005
might
also
work,
as
it
does
with
me.

However,
the
MC3000
series
can
be
to
upgraded

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to
WinCE5.0

–
contact
your
Symbol
dealer.

"not
a
valid
Windows
CE
application"

–
did
you
set
up
a
Smart
Device
Application
(not
possible
with
VS2005
Express)?

Dex

"zangloma"
<Zarko.Stanisavljevic@xxxxxxxxxx>
schrieb
in
Newsbeitrag
news:1153726733.070509.48890@xxxxxxxxxx

Has
anyone
had
any
experience
in
programming
for
Symbol
MC3000
which
has

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Windows
CE
4.2
in
VS
.NET
or
2005?
I
tried
everything
I
could
find
on
the
net,
but
had
no
luck
in
making
the
simplest
application
work.
Best
I
could
get
is
the
"not
a
valid
Windows
CE
application"
error.
It
seems
to
me
that
this
device
needs
more
than
a

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standard
PDAs.
Because
I
installed
Compact
Framework
1.0
and
nothing
changes.
I
would
apreciate
if
someone
would
tell
me
everything
I
need
to
do
to
make
application
written
in
C#
work
on
a
Symbol
MC3000.

Best
regards,
Zarko
Stanisavljevic