

Re: Is RAPI the only way for sync data in my situation?

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Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2006-08/msg010>

- *From:* dotnetfellow@xxxxxxxx
 - *Date:* 25 Aug 2006 07:21:44 -0700
-

Hi Ginny,

I am suffering from similar problem. Only, I can't find a file on my computer called sql.wce4.armv4.CAB.

I have Intermec 751g Barcode Scanner with Windows CE 4.2, and .NET 2.0 Compact Framework SP1 and patch

Computer is Visual Studio 2005, SQL Server 2005. The error is SqlException and error occurred on ConnectionOpen operation.

Any ideas? Thanks.

Sincerely, Dotnet Fellow

Ginny Caughey [MVP] wrote:

Visual Studio should deploy the dependent DLLs you need, so I'm not sure why that didn't happen.

It should work the way you want now, but test, test, test to be sure.

Ginny Caughey
Device Application Development MVP

"rockdale" <rockdale.green@xxxxxxxx> wrote in message
<news:1155654859.572985.103810@xx>

Oh, how stupid am I.

It turns out that I have to copy sql.wce4.armv4.CAB and

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sqlce.wce4.armv4.CAB to the pda and click to install them. Now I have no missingmethodexception problems. Should not it auto-installed if I include System.data.sqlserverCe and system.data.sqlclient in my project and deploy it? I did not remember I copied those files for my working PDA, maybe it was long time ago and I can not remember.

Now it is works and as you are saying that as long as there is an valid ip address I should always connection to the SQL database on the laptop, right, then I will keep working on read/write SQL directly through Cradle.

Thanks for your help
-Rockdale

Ginny Caughey [MVP] wrote:

I'm not sure why your non-working PDA doesn't have the right DLLs, but I think it would give you the same (or different) problems no matter which approach you use. I'd suggest trying to manually get it to the right version of the Compact Framework – apparently a service pack difference. Generally you want to use the newest version of the Compact Framework that the hardware will support.

—
Ginny Caughey
Device Application Development MVP

"rockdale" <rockdale.green@xxxxxxxx> wrote in message
news:1155652721.237524.112840@xx

I included in my code System.Data.SqlClient. When I deploy the application I also see this dll get copied (But I cannot find out where it is copied to). Also this whole application is running perfect on my another PDA.

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I just found out that I got
missingmethodexception error on my
SQLCE
Connection also. looks like this PDA misses
all the dll. The .NET
compact Framework is [1.0.4292.00] on this
not-working PDA. The .NET
compact Framework on the working PDA is
lower [1.0.2268.00]

Did I miss something before I deploye the
application? Looks like it
does not find the correct dll or something.

Thanks a lot

I need to make the decision between
connecting to SQL or using RAPI
from laptop to invoke pda to export data and
load into SQL.
-rockdale

Ginny Caughey [MVP] wrote:

Yes it sounds like you didn't
include a reference to
System.Data.SqlClient.

--

Ginny Caughey
Device Application
Development MVP

"rockdale"
<rockdale.green@xxxxxxxx>
wrote in message
news:1155649209.008074.277200@xx

Hi, Ginny

Thanks for
your reply.
Further
debug on
the not
working
PDA shows
that

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MissingMethodException
is caught
when try to
open
SqlConnection
to my
laptop.

```
SqlConnection  
dbConn =  
new  
SqlConnection();
```

```
try{  
dbConn.ConnectionString  
=  
ConnectionString;  
dbConn.Open();  
}  
catch(ArgumentException  
ae)  
{  
MessageBox.Show  
(ae.Message  
,"ArgumentException"  
);  
}  
catch(InvalidOperationException  
ioe)  
{  
MessageBox.Show  
(ioe.Message  
,"InvalidOperationException");  
}  
catch(SqlException  
se)  
{  
MessageBox.Show  
(se.Message  
,"SQLException");  
}  
catch(MissingMethodException  
mme)  
{  
MessageBox.Show  
(mme.Message  
,"MissingMethodException");  
}
```

Did I miss a
DLL or

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something?

Ginny
Caughey
[MVP]
wrote:

As
long
as
you
have
the
valid
IP
address,
you
should
be
able
to
use
SqlClient
from
the
device
to
connect
to
SQL
Server
on
the
desktop.
Where
this
becomes
unreliable
is
in
situations
where
the
IP
address
might
not
always
be
there

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—
which
is
often
the
case
in
industrial
settings.
If
your
device
will
be
in
the
cradle
I
don't
see
why
that
shouldn't
be
a
usable
solution,
but
of
course
it's
always
a
good
idea
to
do
a
little
test
to
make
sure
it
will
work
as
you
want.

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database,
basically,
download
lookup
information
from
laptop
SQL
and
upload
data
collected
by
PDA
to
laptop
SQL.

The
laptop
has
a
verizon
wireless
connection
but
it
is
blocked
to
access
internet.
PDA
connected
to
laptop
through
cradle.
PDA
cannot
connect
to
laptop
through
WI-FI
connection.
(Maybe
because
WI-FI
is
different

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from
Verizon
Wireless?
I
am
not
so
sure
why)

web
service
is
out
because
they
block
the
laptop
for
accessing
internet
I
was
using
read/write
tolaptop
SQL
database
directly
but
some
PDA
model
can
not
connect
to
the
SQL
database.
(I
was
using
HP
iPAQ
h4150
(windows
CE
4.20)
which

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works
fine,
but
HP
iPAQ
hx2790b(Windows
CE
5.0)
cannot
connect
to
the
database,
)
End
user
may
use
Palm
Treo
700w
or
something
else
also.

I
kind
like
the
idea
of
read
/write
SQL
Database
on
laptop
from
PDA.
It
is
clean
and
it
is
less
work.
But
given
that

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it
is
not
stable,
I
think
I
need
another
approach
to
achieve
this
data
sync
function.

Does
somebody
knows
why
certain
model
cannot
connect
to
SQL
database
on
a
laptop,
I
know
that
as
long
as
the
laptop
has
an
valid
IP
address,
the
PDA
should
be
able
to
connect

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to
its
database.

I
had
this
post

<a
href=

<http://groups.google.com/group/microsoft.public.dotnet>

Data
between
SQLCE
and
SQL
database
on
laptop?

a
long
time
ago
and
Ginny
clarified
my
question.

If
the
unstability
is
unavoidable,
it
RAPI
my
only
choice?

Thanks
in
advance

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