

Re: Wireless in c++

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.networks/2007-02/msg00158>

- *From:* "Pavel A." <pavel_a@xxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 21 Feb 2007 06:16:09 +0200
-

Yes. The Vista SDK is (officially) no longer working with VC 6.
You need VC2005. Of course, some parts of it can still compile with VC6...
WCF and .NET3 is not needed for the Wlanapi.
Note that the SDK contains it's own compiler, you can use it instead of VC2005.

--PA

"Milkas" <Milkas@xxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:24E3DFDF-9271-4B60-B133-B6E5E7AAC566@xxxxxxxxxxxxxxxxxx>

That path is in the list of paths in VC++. Now I've a doubt. In the page of
Microsoft download

["http://www.microsoft.com/downloads/details.aspx?FamilyID=c2b1e300-f358-4523-B479-F53D234CDCC"](http://www.microsoft.com/downloads/details.aspx?FamilyID=c2b1e300-f358-4523-B479-F53D234CDCC)
I've downloaded the file at the link

["http://www.microsoft.com/downloads/details.aspx?FamilyId=10CC340B-F857-4A14-83F5-25634C3BF04"](http://www.microsoft.com/downloads/details.aspx?FamilyId=10CC340B-F857-4A14-83F5-25634C3BF04)
but not the SDK for Vista of about 1GByte because the page says:

.....

This SDK is designed for use with Windows Vista (which includes Framework 3.0). The Windows SDK for Vista also supports creating applications for Windows XP, Windows ServerR 2003 SP1, and Windows Server 2003 R2.

This download contains the SDK only. To build .NET Framework 3.0 applications for Windows XP or Windows Server, the .NET Framework 3.0 Runtime Components must be downloaded separately.

This release of the Windows SDK is compatible with MicrosoftR Visual StudioR 2005 and the Visual Studio 2005 extensions for .NET Framework 3.0 (WCF & WPF), November 2006 CTP.

.....

I've VC++ 6 and XP. That SDK is not compatible with it. Right? In anyway, what happen if I try to install that SDK?

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I can't find the .h file 'l2cmn.h'. Maybe it is in the SDK for Vista.

"Arkady Frenkel" wrote:

Did you set the path in project properties of the VS ? Just a hint
Arkady

"Milkas" <Milkas@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:C637B3DB-E3AB-4AE4-A0DF-E88BBF7EF5F0@xxxxxxxxxxxxxxxxxxxx

DDK installed but the errors are there again.

"Arkady Frenkel" wrote:

That mean that you need to install DDK for
that
Arkady

"Milkas"
<Milkas@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:4C744FD5-4F00-476B-8CF0-235C63DDB811@xxxxxxxxxxxxxxxxxxxx

Compiling...

.....\wlanapi.h(26) : fatal
error C1083: Cannot open
include
file:
'l2cmn.h': No such file or
directory

what is 'l2cmn.h'?

related to this code:

typedef ULONG
NDIS_OID, *PNDIS_OID;

there is this error:

WRapi_dll_import.cpp
.....\ntddndis.h(79) :
error C2146: syntax error :
missing ':'
before
identifier 'NDIS_OID'
.....\ntddndis.h(79) : fatal
error C1004: unexpected

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end of file
found

related to this code:

```
//  
// Structure used to define a  
self-contained variable data  
structure  
//  
typedef struct  
_NDIS_VAR_DATA_DESC  
{  
USHORT Length; // # of  

```

there is this error:

```
.....\ntddndis.h(101) :  
error C2146: syntax error :  
missing ':'  
before  
identifier 'Offset'  
.....\ntddndis.h(101) :  
error C2501:  
'ULONG_PTR': missing  
storage-class or type  
specifiers  
.....\ntddndis.h(101) :  
error C2501: 'Offset' :  
missing  
storage-class  
or type specifiers  
.....\nrapi.h(61) : fatal  
error C1083: Cannot open  
include file:  
'nuiouser.h': No such file or  
directory
```

etc....

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Error executing cl.exe.

this errors code are related
to the ntddndis.h file:

I use VC++ 6. Don't tell me
that is impossible to compile
wireless
software
with VC++ 6.

"Arkady Frenkel" wrote:

You need to
show which
kind of the
errors you
have during
compilation
for
gurus to
help
Arkady

"Milkas"

<Milkas@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

message

news:40B2FB18-9CD5-4832-810E-FA11D3B8698A@xxxxxxxxxxx

In
the
near
post
named
"wireless
on
/off
control"
has
been
discussed
how
to
enable
or
disable
wireless

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using
Vista
and
its
SDK.
I've
XP
SP2
and
I've
downloaded
all
the
SDK
possibles
for
wireless
managment.
In
the
microsoft
article
about
"Native
Wi-Fi"
is
described
how
to
implement
the
SDK
functions
but
without
any
example
:-(
and
is
very
hard
to
use
that
SDK
because
if
I
try
to

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compile
the
"wlanapi.h"
header
I've
a
lot
of
errors.
Do
you
know
others
ways.
if
possible
using
basic
C++
language.
to
manage
wireless
connection
or
if
Is
possible
to
use
wlanapi.dll
and
wlanapi.lib
with
no
problems?
Any
help
or
example
is
appreciate

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