

# ndis.lib linking problem.

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*Source:*

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded.vc/2007-10/msg00018.htm>

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  - *Date:* Wed, 03 Oct 2007 10:39:32 -0000
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I m facing the problem of linking ndis.lib to AsyncMac Sample (C:\WINCE600\PUBLIC\COMMON\OAK\DRIVERS\NETSAMP\ASYNCMAC).

The unresolved External symbols problem is there.

I made the following settings in vs2005

1) project properties -> linker -> input.

Additional dependencies - coredll.lib tapi32.lib  
ceddk.lib Ndis.lib.

2) Tools -> options -> project and solutions -> vc++ Directories -> include files

C:\WINCE600\PUBLIC\COMMON\OAK\INC

C:\WINCE600\PUBLIC\COMMON\SDK\INC

C:\WINCE600\PUBLIC\COMMON\DDK\INC

3) Tools -> options -> project and solutions -> vc++ Directories -

library files

for this lib directories include are

C:\WINCE600\PUBLIC\COMMON\OAK\LIB

C:\WINCE600\PUBLIC\COMMON\SDK\LIB

C:\WINCE600\PLATFORM\DEVICEEMULATOR\lib\ARMV4I

\retail

C:\Program Files\Microsoft Visual Studio

8\SmartDevices\SDK\Smartphone2003\Lib\armv4

Output of compilation and build process (error msgs) are following

----- Rebuild All started: Project: AsyncMacSample, Configuration:  
Debug Win32 -----

Deleting intermediate and output files for project 'AsyncMacSample',  
configuration 'Debug|Win32'

Compiling...

asynccac.c

c:\wince600\public\common\sdk\inc\winbase.h(1828) : warning C4311:  
'type cast' : pointer truncation from 'HMODULE' to 'DWORD'

c:\wince600\public\common\oak\inc\vm\layout.h(90) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'int'

ndis.lib linking problem.

```
c:\wince600\public\common\oak\inc\vm\layout.h(91) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'
c:\wince600\public\common\oak\inc\pkfuncs.h(1411) : warning C4312:
'type cast' : conversion from 'BOOL' to 'LPVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1200) : warning C4311:
'type cast' : pointer truncation from 'PASYNCCMAC_OPEN_LINE' to 'DWORD'
d:\asynccsample\asynccsample\asyncc.c(1210) : warning C4311:
'type cast' : pointer truncation from 'PASYNCCMAC_OPEN_LINE' to
'HDRV_LINE'
d:\asynccsample\asynccsample\asyncc.c(1236) : warning C4312:
'type cast' : conversion from 'HDRV_LINE' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1271) : warning C4267:
'function' : conversion from 'size_t' to 'ULONG', possible loss of
data
d:\asynccsample\asynccsample\asyncc.c(1284) : warning C4267:
'=' : conversion from 'size_t' to 'DWORD', possible loss of data
d:\asynccsample\asynccsample\asyncc.c(1317) : warning C4311:
'type cast' : pointer truncation from 'PASYNCCMAC_OPEN_LINE' to
'HDRV_CALL'
d:\asynccsample\asynccsample\asyncc.c(1341) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1391) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1397) : warning C4312:
'type cast' : conversion from 'HDRV_LINE' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1707) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1753) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1811) : warning C4312:
'type cast' : conversion from 'HDRV_LINE' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1865) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1916) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1951) : warning C4312:
'type cast' : conversion from 'HDRV_LINE' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(1972) : warning C4312:
'type cast' : conversion from 'HDRV_CALL' to 'PVOID' of greater size
d:\asynccsample\asynccsample\asyncc.c(2003) : warning C4312:
'type cast' : conversion from 'HDRV_LINE' to 'PVOID' of greater size
creppp.c
c:\wince600\public\common\sdk\inc\winbase.h(1828) : warning C4311:
'type cast' : pointer truncation from 'HMODULE' to 'DWORD'
c:\wince600\public\common\oak\inc\vm\layout.h(90) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'int'
c:\wince600\public\common\oak\inc\vm\layout.h(91) : warning C4311:
```

ndis.lib linking problem.

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'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\pkfuncs.h(1411) : warning C4312:  
'type cast' : conversion from 'BOOL' to 'LPVOID' of greater size  
pppframe.c  
c:\wince600\public\common\sdk\inc\winbase.h(1828) : warning C4311:  
'type cast' : pointer truncation from 'HMODULE' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(90) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'int'  
c:\wince600\public\common\oak\inc\vm\layout.h(91) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\pkfuncs.h(1411) : warning C4312:  
'type cast' : conversion from 'BOOL' to 'LPVOID' of greater size  
recv.c  
c:\wince600\public\common\sdk\inc\winbase.h(1828) : warning C4311:  
'type cast' : pointer truncation from 'HMODULE' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(90) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'int'  
c:\wince600\public\common\oak\inc\vm\layout.h(91) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\pkfuncs.h(1411) : warning C4312:  
'type cast' : conversion from 'BOOL' to 'LPVOID' of greater size  
d:\asynccsample\asynccsample\recv.c(442) : warning C4244:  
'function' : conversion from '\_\_w64 int' to 'DWORD', possible loss of  
data  
slipframe.c  
c:\wince600\public\common\sdk\inc\winbase.h(1828) : warning C4311:  
'type cast' : pointer truncation from 'HMODULE' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(90) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'int'  
c:\wince600\public\common\oak\inc\vm\layout.h(91) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:  
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'  
c:\wince600\public\common\oak\inc\pkfuncs.h(1411) : warning C4312:  
'type cast' : conversion from 'BOOL' to 'LPVOID' of greater size  
tapifun.c  
c:\wince600\public\common\sdk\inc\winbase.h(1828) : warning C4311:

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'type cast' : pointer truncation from 'HMODULE' to 'DWORD'
c:\wince600\public\common\oak\inc\vm\layout.h(90) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'int'
c:\wince600\public\common\oak\inc\vm\layout.h(91) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'
c:\wince600\public\common\oak\inc\vm\layout.h(97) : warning C4311:
'type cast' : pointer truncation from 'LPCVOID' to 'DWORD'
c:\wince600\public\common\oak\inc\pkfuncs.h(1411) : warning C4312:
'type cast' : conversion from 'BOOL' to 'LPVOID' of greater size
d:\asynccsample\asynccsample\tapifun.c(152) : warning C4311: 'type
cast' : pointer truncation from 'HANDLE' to 'DWORD'
d:\asynccsample\asynccsample\tapifun.c(191) : warning C4312: 'type
cast' : conversion from 'DWORD' to 'HANDLE' of greater size
d:\asynccsample\asynccsample\tapifun.c(286) : warning C4312: 'type
cast' : conversion from 'DWORD' to 'PASYNCCMAC_OPEN_LINE' of greater
size
d:\asynccsample\asynccsample\tapifun.c(335) : warning C4312: 'type
cast' : conversion from 'DWORD' to 'void *' of greater size
d:\asynccsample\asynccsample\tapifun.c(368) : warning C4312: 'type
cast' : conversion from 'DWORD' to 'HCALL' of greater size
d:\asynccsample\asynccsample\tapifun.c(424) : warning C4312: 'type
cast' : conversion from 'HTAPI_CALL' to 'NDIS_HANDLE' of greater size
d:\asynccsample\asynccsample\tapifun.c(514) : warning C4312: 'type
cast' : conversion from 'DWORD' to 'HCALL' of greater size
d:\asynccsample\asynccsample\tapifun.c(528) : warning C4312: 'type
cast' : conversion from 'DWORD' to 'HCALL' of greater size
d:\asynccsample\asynccsample\tapifun.c(544) : warning C4311: 'type
cast' : pointer truncation from 'PASYNCCMAC_OPEN_LINE' to 'ULONG'
Generating Code...
Compiling manifest to resources...
Linking...
Starting pass 1
Processed /DEFAULTLIB:MSVCRTD
Processed /DEFAULTLIB:OLDNAMES
Searching libraries
Searching C:\Program Files\Microsoft Visual Studio 8\SmartDevices
\SDK\Smartphone2003\Lib\armv4\coredll.lib:
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK
\lib\tapi32.lib:
Found _lineConfigDialogEdit@24
Referenced in asynccmac.obj
Loaded tapi32.lib(TAPI32.dll)
Found _lineGetID@24
Referenced in asynccmac.obj
Referenced in tapifun.obj
Loaded tapi32.lib(TAPI32.dll)
Found _lineGetCallInfo@8
Referenced in asynccmac.obj
Referenced in tapifun.obj
```

ndis.lib linking problem.

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Loaded tapi32.lib(TAPI32.dll)  
Found \_lineMakeCall@20  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineOpen@36  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineTranslateAddress@28  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineGetDevConfig@12  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineGetDevCaps@20  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineSetStatusMessages@12  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineSetMediaMode@8  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineSetCallParams@20  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineAnswer@12  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineClose@4  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineDeallocateCall@4  
Referenced in asyncmac.obj  
Referenced in tapifun.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineDrop@12  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineSetDevConfig@16  
Referenced in asyncmac.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_lineInitialize@20  
Referenced in tapifun.obj  
Loaded tapi32.lib(TAPI32.dll)  
Found \_\_IMPORT\_DESCRIPTOR\_TAPI32  
Referenced in tapi32.lib(TAPI32.dll)  
Referenced in tapi32.lib(TAPI32.dll)  
Referenced in tapi32.lib(TAPI32.dll)  
Referenced in tapi32.lib(TAPI32.dll)  
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Referenced in tapi32.lib(TAPI32.dll)

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Referenced in tapi32.lib(TAPI32.dll)  
Referenced in tapi32.lib(TAPI32.dll)  
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Referenced in tapi32.lib(TAPI32.dll)  
Referenced in tapi32.lib(TAPI32.dll)  
Referenced in tapi32.lib(TAPI32.dll)  
Loaded tapi32.lib(TAPI32.dll)  
Found \_\_NULL\_IMPORT\_DESCRIPTOR  
Referenced in tapi32.lib(TAPI32.dll)  
Loaded tapi32.lib(TAPI32.dll)  
Found TAPI32\_NULL\_THUNK\_DATA  
Referenced in tapi32.lib(TAPI32.dll)  
Loaded tapi32.lib(TAPI32.dll)  
Searching C:\WINCE600\PLATFORM\DEVICEEMULATOR\lib\ARMV4I\retail  
\ceddk.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\SmartDevices  
\SDK\Smartphone2003\Lib\armv4\Ndis.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\lib  
\kernel32.lib:  
Found \_DeleteCriticalSection@4  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_DisableThreadLibraryCalls@4  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_InitializeCriticalSection@4  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_LeaveCriticalSection@4  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_EnterCriticalSection@4  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_CreateThread@24  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_SetCommMask@8  
Referenced in asyncmac.obj  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_CloseHandle@4  
Referenced in asyncmac.obj  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_WaitForSingleObject@8

ndis.lib linking problem.

ndis.lib linking problem.

Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetExitCodeThread@8  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_WriteFile@20  
Referenced in asyncmac.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_DeviceIoControl@32  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_GetCommModemStatus@8  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetLastError@0  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_ReadFile@20  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_WaitCommEvent@12  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_SetCommTimeouts@8  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_GetCommTimeouts@8  
Referenced in recv.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_LocalFree@4  
Referenced in tapifun.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_LocalAlloc@8  
Referenced in tapifun.obj  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_IMPORT\_DESCRIPTOR\_KERNEL32  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
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Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Referenced in kernel32.lib(KERNEL32.dll)  
Loaded kernel32.lib(KERNEL32.dll)  
Found KERNEL32\_NULL\_THUNK\_DATA  
Referenced in kernel32.lib(KERNEL32.dll)  
Loaded kernel32.lib(KERNEL32.dll)  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\user32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\gdi32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\winspool.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\comdlg32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\advapi32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\shell32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\ole32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\oleaut32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\lib  
\uuid.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\odbc32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\odbccp32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\lib  
\MSVCRTD.lib:  
Found @\_RTC\_CheckStackVars@8  
Referenced in asyncmac.obj  
Referenced in recv.obj  
Referenced in tapifun.obj  
Loaded MSVCRTD.lib(stack.obj)  
Found \_\_RTC\_Shutdown  
Referenced in slipframe.obj  
Referenced in tapifun.obj  
Referenced in asyncmac.obj  
Referenced in crcppp.obj  
Referenced in pppframe.obj  
Referenced in recv.obj  
Loaded MSVCRTD.lib(init.obj)  
Found \_memset  
Referenced in asyncmac.obj  
Referenced in tapifun.obj  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_wcsicmp

ndis.lib linking problem.

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Referenced in asyncmac.obj  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_memcpy  
Referenced in asyncmac.obj  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_wcslen  
Referenced in asyncmac.obj  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_\_security\_cookie  
Referenced in asyncmac.obj  
Loaded MSVCRTD.lib(gs\_cookie.obj)  
Found @\_\_security\_check\_cookie@4  
Referenced in asyncmac.obj  
Loaded MSVCRTD.lib(secchk.obj)  
Found \_\_DllMainCRTStartup@12  
Loaded MSVCRTD.lib(crtdll.obj)  
Found "void \_\_cdecl \_RTC\_Failure(void \*,int)" (?  
\_RTC\_Failure@@YAXPAXH@Z)  
Referenced in MSVCRTD.lib(stack.obj)  
Loaded MSVCRTD.lib(error.obj)  
Found \_\_RTC\_SetErrorFuncW  
Referenced in MSVCRTD.lib(init.obj)  
Loaded MSVCRTD.lib(userapi.obj)  
Found \_\_CRT\_RTC\_INITW  
Referenced in MSVCRTD.lib(init.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_IMPORT\_DESCRIPTOR\_MSVCR80D  
Referenced in MSVCRTD.lib(MSVCR80D.dll)  
Referenced in MSVCRTD.lib(MSVCR80D.dll)  
Referenced in MSVCRTD.lib(MSVCR80D.dll)  
Referenced in MSVCRTD.lib(MSVCR80D.dll)  
Referenced in MSVCRTD.lib(MSVCR80D.dll)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_\_report\_gsfailure  
Referenced in MSVCRTD.lib(secchk.obj)  
Loaded MSVCRTD.lib(gs\_report.obj)  
Found \_\_forceCRTManifest  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(crtmanifest.obj)  
Found \_\_\_clean\_type\_info\_names  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(tncleanup.obj)  
Found \_atexit  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(atonexit.obj)  
Found \_\_RTC\_Terminate  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(initsect.obj)  
Found \_\_imp\_\_\_encode\_pointer  
Referenced in MSVCRTD.lib(crtdll.obj)  
Referenced in MSVCRTD.lib(atonexit.obj)

ndis.lib linking problem.

ndis.lib linking problem.

Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_imp\_\_malloc\_dbg  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_imp\_\_free\_dbg  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_imp\_\_encoded\_null  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_imp\_\_decode\_pointer  
Referenced in MSVCRTD.lib(crtdll.obj)  
Referenced in MSVCRTD.lib(atonexit.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_imp\_\_CrtSetCheckCount  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_IsNonwritableInCurrentImage  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(pesect.obj)  
Found \_\_initterm  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_xc\_a  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(cinitexe.obj)  
Processed /DEFAULTLIB:kernel32.lib  
Processed /DISALLOWLIB:libc.lib  
Processed /DISALLOWLIB:libcd.lib  
Processed /DISALLOWLIB:libcmt.lib  
Processed /DISALLOWLIB:libcmt.d.lib  
Processed /DISALLOWLIB:msvcrt.lib  
Found \_\_initterm\_e  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_amsg\_exit  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_native\_startup\_state  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(natstart.obj)  
Found \_\_adjust\_fdiv  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(adjustfd.obj)  
Found \_\_imp\_\_adjust\_fdiv  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_security\_init\_cookie  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(gs\_support.obj)  
Found \_\_CppXcptFilter

ndis.lib linking problem.

ndis.lib linking problem.

Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_DllMain@12  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded MSVCRTD.lib(dllmain.obj)  
Found \_\_except\_handler4  
Referenced in MSVCRTD.lib(crtdll.obj)  
Referenced in MSVCRTD.lib(error.obj)  
Referenced in MSVCRTD.lib(atonexit.obj)  
Referenced in MSVCRTD.lib(pesect.obj)  
Loaded MSVCRTD.lib(chandler4gs.obj)  
Found "int \_\_cdecl \_RTC\_GetSrcLine(unsigned char \*,wchar\_t  
\*,unsigned long,int \*,wchar\_t \*,unsigned long)" (?  
\_RTC\_GetSrcLine@@YAHPAEPWA\_KPAH1K@Z)  
Referenced in MSVCRTD.lib(error.obj)  
Loaded MSVCRTD.lib(pdblkup.obj)  
Found MSVCR80D\_NULL\_THUNK\_DATA  
Referenced in MSVCRTD.lib(MSVCR80D.dll)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_crt\_debugger\_hook  
Referenced in MSVCRTD.lib(gs\_report.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_clean\_type\_info\_names\_internal  
Referenced in MSVCRTD.lib(tncleanup.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_unlock  
Referenced in MSVCRTD.lib(atonexit.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_dllonexit  
Referenced in MSVCRTD.lib(atonexit.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_lock  
Referenced in MSVCRTD.lib(atonexit.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_imp\_\_onexit  
Referenced in MSVCRTD.lib(atonexit.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Found \_\_except\_handler4\_common  
Referenced in MSVCRTD.lib(chandler4gs.obj)  
Loaded MSVCRTD.lib(MSVCR80D.dll)  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\lib  
\OLDNAMES.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\SmartDevices  
\SDK\Smartphone2003\Lib\armv4\coredll.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\tapi32.lib:  
Searching C:\WINCE600\PLATFORM\DEVICEEMULATOR\lib\ARMV4\retail  
\ceddk.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\SmartDevices  
\SDK\Smartphone2003\Lib\armv4\Ndis.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\lib

ndis.lib linking problem.

ndis.lib linking problem.

\\kernel32.lib:  
Found \_\_imp\_\_InterlockedExchange@8  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_Sleep@4  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_InterlockedCompareExchange@12  
Referenced in MSVCRTD.lib(crtdll.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_RaiseException@16  
Referenced in MSVCRTD.lib(error.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_DebugBreak@0  
Referenced in MSVCRTD.lib(error.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_WideCharToMultiByte@32  
Referenced in MSVCRTD.lib(error.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_IsDebuggerPresent@0  
Referenced in MSVCRTD.lib(error.obj)  
Referenced in MSVCRTD.lib(gs\_report.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_MultiByteToWideChar@24  
Referenced in MSVCRTD.lib(error.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_lstrlenA@4  
Referenced in MSVCRTD.lib(error.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetProcAddress@8  
Referenced in MSVCRTD.lib(error.obj)  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_LoadLibraryA@4  
Referenced in MSVCRTD.lib(error.obj)  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_TerminateProcess@8  
Referenced in MSVCRTD.lib(gs\_report.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetCurrentProcess@0  
Referenced in MSVCRTD.lib(gs\_report.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_UnhandledExceptionFilter@4  
Referenced in MSVCRTD.lib(gs\_report.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_SetUnhandledExceptionFilter@4  
Referenced in MSVCRTD.lib(gs\_report.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_QueryPerformanceCounter@4  
Referenced in MSVCRTD.lib(gs\_support.obj)

ndis.lib linking problem.

ndis.lib linking problem.

Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetTickCount@0  
Referenced in MSVCRTD.lib(gs\_support.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetCurrentThreadId@0  
Referenced in MSVCRTD.lib(gs\_support.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetCurrentProcessId@0  
Referenced in MSVCRTD.lib(gs\_support.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetSystemTimeAsFileTime@4  
Referenced in MSVCRTD.lib(gs\_support.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_HeapFree@12  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_HeapAlloc@12  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetProcessHeap@0  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_GetModuleFileNameW@12  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_VirtualQuery@12  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Found \_\_imp\_\_FreeLibrary@4  
Referenced in MSVCRTD.lib(pdblkup.obj)  
Loaded kernel32.lib(KERNEL32.dll)  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\user32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\gdi32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\winspool.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\comdlg32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\advapi32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\shell32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\ole32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\oleaut32.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\lib  
\uuid.lib:  
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK  
\lib\odbc32.lib:

ndis.lib linking problem.

ndis.lib linking problem.

```
Searching C:\Program Files\Microsoft Visual Studio 8\VC\PlatformSDK
\lib\odbccp32.lib:
Finished searching libraries
Finished pass 1
Generating non-SAFESEH image.
Invoking CVTRES.EXE:
/machine:x86
/verbose
/out:"C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\lnk2E5.tmp"
/readonly
".\Debug\AsyncMacSample.dll.embed.manifest.res"
Microsoft (R) Windows Resource To Object Converter Version
8.00.50727.762
Copyright (C) Microsoft Corporation. All rights reserved.
adding resource. type:MANIFEST, name:2, language:0x0409, flags:0x30,
size:2048
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisAllocateMemory referenced in function
_AsyncMacAllocateMemory
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisFreeMemory referenced in function _AsyncMacFreeMemory
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisTerminateWrapper referenced in function _DriverEntry
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisMRegisterMiniport referenced in function _DriverEntry
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisInitializeWrapper referenced in function _DriverEntry
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisMCancelTimer referenced in function _MpHalt
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisScheduleWorkItem referenced in function _MpInit
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisMSetAttributesEx referenced in function _MpInit
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisCloseConfiguration referenced in function _MpInit
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisReadConfiguration referenced in function _MpInit
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisOpenConfiguration referenced in function _MpInit
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__CeSetThreadPriority@8 referenced in function
_AMCreateTxAndRxThreads
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisSetEvent referenced in function _AMKillTxAndRxThreads
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisInitializeEvent referenced in function _MpQueryInfo
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisWaitEvent referenced in function _MacTxThread@4
asyncmac.obj : error LNK2019: unresolved external symbol
__imp__NdisResetEvent referenced in function _TxPacketListRemoveHead
asyncmac.obj : error LNK2019: unresolved external symbol
```

ndis.lib linking problem.

ndis.lib linking problem.

```
__imp__NdisFreeEvent referenced in function _ReleaseOpenLinePtr
tapifun.obj : error LNK2019: unresolved external symbol _NKDbgPrintfW
referenced in function _SendLineDown
tapifun.obj : error LNK2019: unresolved external symbol
_WaitForAPIReady referenced in function _AMLLineInitializeWorkerRoutine
D:\AsyncMacSample\Debug\AsyncMacSample.dll : fatal error LNK1120: 19
unresolved externals
Build log was saved at "file:///d:/AsyncMacSample/AsyncMacSample/Debug
\BuildLog.htm"
AsyncMacSample - 20 error(s), 63 warning(s)
===== Rebuild All: 0 succeeded, 1 failed, 0 skipped =====
```

Suggested solution on the net for this problem is  
To include the ndis.lib from your compiled os design.  
I tried it also but the problem remain the same .  
I built myEmulator sdk and included it to AsyncMacSample Project.

Please give suggestion about solving this problem.

plz anybody help me .  
thanx in advance .

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