
Subject: Re: Linking issue with U 5418 and MSC9
Posted by [BioBytes](#) on Sat, 13 Oct 2012 16:19:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Mirek,

Thank for considering this issue. I just updated my system to U5424 this morning. All is perfect with MSC10 but I still have the linking error as described below when compiling the example "Button" supplied with UPP and MSC9:

Button.cpp

Button: 1 file(s) built in (0:07.34), 7343 msecs / file, duration = 7359 msecs

Linking...

Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall WSAGetLastError(void)" (__imp_?WSAGetLastError@@YGHXZ) referenced in function "private: static int __cdecl Upp::TcpSocket::GetErrorCode(void)" (?GetErrorCode@TcpSocket@Upp@@CAHXZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall WSASocket(unsigned short,struct WSAData *)" (__imp_?WSASocket@@YGHGPAUWSAData@@@Z) referenced in function "void __cdecl Upp::TcpSocket::Init(void)" (?TcpSocketInit@Upp@@YAXXZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall ioctlsocket(unsigned int,long,unsigned long)" (__imp_?ioctlsocket@@YGHJPAK@Z) referenced in function "private: bool __thiscall Upp::TcpSocket::SetupSocket(void)" (?SetupSocket@TcpSocket@Upp@@AAE_NXZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) unsigned int __stdcall socket(int,int,int)" (__imp_?socket@@YGIHHH@Z) referenced in function "private: bool __thiscall Upp::TcpSocket::Open(int,int,int)" (?Open@TcpSocket@Upp@@AAE_NHHH@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall listen(unsigned int,int)" (__imp_?listen@@YGHJH@Z) referenced in function "public: bool __thiscall Upp::TcpSocket::Listen(int,int,bool,bool)" (?Listen@TcpSocket@Upp@@QAE_NHH_N0@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall bind(unsigned int,struct sockaddr const *,int)" (__imp_?bind@@YGHIPBUsockaddr@@H@Z) referenced in function "public: bool __thiscall Upp::TcpSocket::Listen(int,int,bool,bool)" (?Listen@TcpSocket@Upp@@QAE_NHH_N0@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall setsockopt(unsigned

```

    ed int,int,int,char const *,int)" (__imp_?setsockopt@@YGHIHPBDH@Z) referenced in function
"public: bool
__thiscall Upp::TcpSocket::Listen(int,int,bool,bool)"
(?Listen@TcpSocket@Upp@@@QAE_NHH_N0@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) unsigned long
__stdcall htonl(u
nsigned long)" (__imp_?htonl@@YGKK@Z) referenced in function "public: bool __thiscall
Upp::TcpSocket::Lis
ten(int,int,bool,bool)" (?Listen@TcpSocket@Upp@@@QAE_NHH_N0@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) unsigned short
__stdcall htons(
unsigned short)" (__imp_?htons@@YGGG@Z) referenced in function "public: bool __thiscall
Upp::TcpSocket::L
isten(int,int,bool,bool)" (?Listen@TcpSocket@Upp@@@QAE_NHH_N0@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) unsigned int
__stdcall accept(u
nsigned int,struct sockaddr *,int *)" (__imp_?accept@@YGIIPAUsockaddr@@PAH@Z)
referenced in function "pub
lic: bool __thiscall Upp::TcpSocket::Accept(class Upp::TcpSocket &)"
(?Accept@TcpSocket@Upp@@@QAE_NAAV12@@
Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) char * __stdcall
inet_ntoa(stru
ct in_addr)" (__imp_?inet_ntoa@@YGPADUin_addr@@@Z) referenced in function "public:
class Upp::String __th
iscall Upp::TcpSocket::GetPeerAddr(void)const "
(?GetPeerAddr@TcpSocket@Upp@@@QBE?AVString@2@XZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
getpeername(unsig
ned int,struct sockaddr *,int *)" (__imp_?getpeername@@YGHIPAUsockaddr@@PAH@Z)
referenced in function "pu
blic: class Upp::String __thiscall Upp::TcpSocket::GetPeerAddr(void)const "
(?GetPeerAddr@TcpSocket@Upp@@@
QBE?AVString@2@XZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
connect(unsig
ned int,struct sockaddr const *,int)" (__imp_?connect@@YGHIPBUsockaddr@@H@Z) referenced in
function "private:
bool __thiscall Upp::TcpSocket::RawConnect(struct addrinfo *)"
(?RawConnect@TcpSocket@Upp@@@AAE_NPAUaddri
nfo@@@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
closesocket(unsig
ned int)" (__imp_?closesocket@@YGHI@Z) referenced in function "private: void __thiscall
Upp::TcpSocket::R
awClose(void)" (?RawClose@TcpSocket@Upp@@@AAEXXZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
send(unsigned int

```

```

, char const *, int, int)" (__imp_?send@@YGHIPBDHH@Z) referenced in function "private: int
__thiscall Upp::TcpSocket::RawSend(void const *, int)" (?RawSend@TcpSocket@Upp@@AAEHPBXH@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
shutdown(unsigned
int, int)" (__imp_?shutdown@@YGHIH@Z) referenced in function "public: void __thiscall
Upp::TcpSocket::Shutdown(void)" (?Shutdown@TcpSocket@Upp@@QAEXXZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
gethostname(char
*, int)" (__imp_?gethostname@@YGHIPADH@Z) referenced in function "public: static class
Upp::String __cdecl
Upp::TcpSocket::GetHostName(void)"
(?GetHostName@TcpSocket@Upp@@SA?AVString@2@XZ)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
select(int, struct
fd_set *, struct fd_set *, struct fd_set *, struct timeval const *)"
(__imp_?select@@YGHHPAUfd_set@@00PBUti
meval@@@Z) referenced in function "private: bool __thiscall
Upp::TcpSocket::RawWait(unsigned long, int)" (
?RawWait@TcpSocket@Upp@@AAE_NKH@Z)
Socket.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
recv(unsigned int
, char *, int, int)" (__imp_?recv@@YGHIPADHH@Z) referenced in function "private: int __thiscall
Upp::TcpSocket::RawRecv(void *, int)" (?RawRecv@TcpSocket@Upp@@AAEHPAXH@Z)
Socket.obj : error LNK2019: unresolved external symbol "int __stdcall __WSAFDIsSet(unsigned
int, struct fd_set
*)" (?__WSAFDIsSet@@YGHIPAUfd_set@@@Z) referenced in function "public: unsigned long
__thiscall Upp::Socket::WaitEvent::Get(int) const" (?Get@SocketWaitEvent@Upp@@QBEKH@Z)
D:\Fichiers Patrick\Projets Ultimate\Out\Exemples\MSC9.Debug.Debug_Full.Gui\Button.exe : fatal
error LNK1120:
20 unresolved externals

```

There were errors. (2:45.40)

I checked that WS2_32.lib is well present in "C:/Program Files/Microsoft SDKs/Windows/v6.1/lib/".

I saw that in "Socket.cpp" file in Core package that there is a pragma directive for ws2_32.lib.

```

#ifdef PLATFORM_WIN32
#pragma comment(lib, "ws2_32.lib")
#endif

```

Do you think this could cause problem with MSC9 linker?

Regards

Biobytes
