
Subject: Linking issue with U 5418 and MSC9

Posted by [BioBytes](#) on Wed, 10 Oct 2012 19:46:15 GMT

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Hi friends,

I would like to notify that if last nightly build U5418 compiles and links perfectly with MSC10, there is an issue with MSC9 : the libraries compiles well but I got the following message errors when linking...

DocManager: 2 file(s) built in (0:16.87), 8437 msecs / file, duration = 17156 msecs

Linking...

\$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall

WSAGetLastError(v

oid)" (__imp_?WSAGetLastError@@YGHXZ) referenced in function "private: static int __cdecl

Upp::TcpSocket:

:GetErrorCode(void)" (?GetErrorCode@TcpSocket@Upp@@CAHXZ)

\$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall

WSAStartup(unsig

ned short,struct WSAData *)" (__imp_?WSAStartup@@YGHGPAUWSAData@@@Z) referenced in function "void __cdecl

Upp::TcpSocket::Init(void)" (?TcpSocketInit@Upp@@YAXXZ)

\$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall

ioctlsocket(unsig

ned int,long,unsigned long *)" (__imp_?ioctlsocket@@YGHJPAK@Z) referenced in function

"private: bool __t

hiscall Upp::TcpSocket::SetupSocket(void)" (?SetupSocket@TcpSocket@Upp@@AAE_NXZ)

\$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) unsigned int

__stdcall socket(i

nt,int,int)" (__imp_?socket@@YGIHHH@Z) referenced in function "private: bool __thiscall

Upp::TcpSocket::O

pen(int,int,int)" (?Open@TcpSocket@Upp@@AAE_NHHH@Z)

\$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall

listen(unsigned i

nt,int)" (__imp_?listen@@YGHIH@Z) referenced in function "public: bool __thiscall

Upp::TcpSocket::Listen(

int,int,bool,bool)" (?Listen@TcpSocket@Upp@@QAE_NHH_N0@Z)

\$blitz.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)

\$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall

setsockopt(unsig

ned int,int,int,char const *,int)" (__imp_?setsockopt@@YGHIHHPBDH@Z) referenced in function

"public: bool

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__thiscall Upp::TcpSocket::Listen(int,int,bool,bool)"
(?Listen@TcpSocket@Upp@@@QAE_NHH_N0@Z)
$blitz.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)
$blitz.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)
$blitz.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)
$blitz.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)
$blitz.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)
$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
connect(unsigned
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)
$blitz.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)
$blitz.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::T

```

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cpSocket::RawSend(void const *,int)" (?RawSend@TcpSocket@Upp@@AAEHPBXH@Z)
$blitz.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::Shu
tdown(void)" (?Shutdown@TcpSocket@Upp@@QAEXXZ)
$blitz.obj : error LNK2019: unresolved external symbol "__declspec(dllimport) int __stdcall
gethostname(char
*,int)" (__imp_?gethostname@@YGHPADH@Z) referenced in function "public: static class
Upp::String __cdecl
Upp::TcpSocket::GetHostName(void)"
(?GetHostName@TcpSocket@Upp@@SA?AVString@2@XZ)
$blitz.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)
$blitz.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::TcpSock
et::RawRecv(void *,int)" (?RawRecv@TcpSocket@Upp@@AAEHPAXH@Z)
$blitz.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::Soc
ketWaitEvent::Get(int)const " (?Get@SocketWaitEvent@Upp@@QBEKH@Z)
D:\Fichiers Patrick\Projets Ultimate\Out\Mes
Projets\MSC9.Debug.Debug_Full.Gui\DocManager.exe : fatal error L
NK1120: 20 unresolved externals

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There were errors. (5:59.92)

It seems that there is some kind of incompatibility between MSC9 headers and cpp files and UPP TcpSocket functions.

Have an idea to solve it or must we give up MSC9 compiler to move to MSC10 for future releases of Ultimate++?

Thanks for reply

Cheers

Biobytes
