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Subject: Linker error (Mingw)

Posted by [zaurus](#) on Thu, 02 Aug 2007 06:01:51 GMT

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I'm trying to use some windows function to get the MAC address of the network card. But I always get an error during linking. The function GetAdaptersInfo is defined in iphlpapi.h. I also can find a libiphlpapi.a in C:\upp\mingw\lib.

This is the source.

```
#include <winsock2.h>
#include <iphlpapi.h>
#include <assert.h>
#include "stdio.h"

int main(int argc, const char *argv[])
{
    IP_ADAPTER_INFO AdapterInfo[2];
    DWORD dwBufLen = sizeof(AdapterInfo);
    DWORD dwStatus = GetAdaptersInfo(AdapterInfo, &dwBufLen);
    assert(dwStatus == ERROR_SUCCESS);
    PIP_ADAPTER_INFO pAdapterInfo = AdapterInfo;
    return 0;
}
```

And this the error.

Linking...

(option '-O 2' ignored)

\_\_\_main: duplicate

-> used: libmingw32.a:gccmain.o:1

-> discarded: libgcc.a:\_\_\_main.o:1

1 undefined symbol(s):

\_\_GetAdaptersInfo@8 (referenced from c:\upp\out\macadr\mingw.debug\_full.main\macadr.o:1;

\_\_\_main; .text)

linking aborted due to fatal errors

collect2: ld returned 1 exit status

Did I miss out something or is this an issue of mingw? Anybody had a similar problem and found the solution?

Thanks for any help.

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