
Subject: CreateSymbolicLink doesn't compile using MinGW

Posted by [_dka_](#) on Tue, 26 Dec 2017 10:53:55 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello all,

Sorry, i use google translator.

I used upp-mingw (last nightly builds and stable upp-mingw-11540).

I want to create a symbolic link to a folder.

I tried to create console applications in projects of different types.

My source (Core console project):

```
#include <Core/Core.h>
using namespace Upp;
CONSOLE_APP_MAIN
{
    CreateSymbolicLink("", "", 1);
}
```

Compiler error:

MyApps_MkLinks.cpp (7): error: 'CreateSymbolicLink' was not declared in this scope

(): CreateSymbolicLink("", "", 1);

MyApps_MkLinks.cpp (7): note: suggested alternative: 'CreateHardLink'

(): CreateSymbolicLink("", "", 1);

(): CreateHardLink

So far, I've solved this problem by adding lines from the winbase.h from mingw:

```
#include <Core/Core.h>
using namespace Upp;

#define SYMBOLIC_LINK_FLAG_DIRECTORY (0x1)
WINBASEAPI BOOLEAN APIENTRY CreateSymbolicLinkA ( LPCSTR lpSymlinkFileName,
LPCSTR lpTargetFileName, DWORD dwFlags );
WINBASEAPI BOOLEAN APIENTRY CreateSymbolicLinkW ( LPCWSTR lpSymlinkFileName,
LPCWSTR lpTargetFileName, DWORD dwFlags );
#define CreateSymbolicLink __MINGW_NAME_AW(CreateSymbolicLink)

CONSOLE_APP_MAIN
{
    CreateSymbolicLink("", "", 1);
}
```

but now there is a link error:

(): Linking has failed

```
() : MyApps_MkLinks/MINGW.Debug.Debug_Full.Main.Noblitz\MyApps_MkLinks.o: In function
`Z14ConsoleMainFn_
v':
MyApps_MkLinks/MyApps_MkLinks.cpp (40): undefined reference to
`_imp___Z19CreateSymbolicLinkAPKcSO_m@12'
(): collect2.exe: error: ld returned 1 exit status
```

Build methods settings:

Toggle Spoiler

File Attachments

1) [Build methotds.jpg](#), downloaded 455 times
