Subject: SysInfo - linking fail
Posted by forlano on Thu, 14 Dec 2017 07:55:02 GMT
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Hello,

with latest U++ 11550 and Mingw in a program using Function4U I got the following error

  C:\Users\Postazione2\Documents\upp/MyApps/Functions4U/Functi ons4U_Gui.h (40): warning:
dynamic exception specifications are deprecated in C++11 [-Wdeprecated]
 (): Linking has failed
 ():   C:/Users/Postazione2/Documents/upp/out/MyApps/SysInfo/MINGWx
64.Gui\SysInfo.a(SysInfo.o):SysInfo.cpp:(.rdata$.refptr.CLSI
D_WbemAdministrativeLocator[.refptr.CLSID_WbemAdministrative Locator]+0x0): undefined
referen
ce to `CLSID_WbemAdministrativeLocator'
 (): collect2.exe: error: ld returned 1 exit status

Any idea how to fix it?

Thanks,
Luigi

Subject: Re: SysInfo
Posted by koldo on Sat, 16 Dec 2017 20:57:39 GMT
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Hello Forlano

Thank you for the report. I think it is fixed now.

Best regards
Koldo

Subject: Re: SysInfo
Posted by Klugier on Sat, 16 Dec 2017 22:11:35 GMT
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Hello,

Just small code review of your fix dear Koldo :)

DWORD /*dwThreadId, */dwProcessId; // This is bad habit to keep commented code in your

sources. The commented variable should be removed.

```
// Just keep
DWORD dwProcessId;

// The same thing here...
/* dwThreadId = */GetWindowThreadProcessId(reinterpret_cast<HWND>(hWnd[i]),
&dwProcessId);

// Stay with:
GetWindowThreadProcessId(reinterpret_cast<HWND>(hWnd[i]), &dwProcessId);




// ----------------------------------------------
DWORD state = ::WaitForSingleObject(hProc, timeout);

// Why not auto? You will do not need to remember the type returning by WaitForSIngleObject...
auto state = ::WaitForSingleObject(hProc, timeout);




// ----------------------------------------------
if ((state == WAIT_TIMEOUT) || (state == WAIT_FAILED))
    ret = ::TerminateProcess(hProc, 0); // You have space indentation instead of tabs...




// ----------------------------------------------
//bool hdSerialMatch = false; // The same problem with commented code - not used remove it.
```


Sincerely,
Klugier

Dear Klugier

Thank you for your review.

Normally in code that has been programed years ago, after finding that something is not interesting, I usually comment this out for a while instead of removing it just if I realize after that it was interesting.

I am not used with the "auto" type. I think it hides the real type "for good and for evil". I mean, you require a little more effort to put DWORD instead of auto, but when you are reviewing the code, you cannot see the hidden details at a glance with an auto. Even in this case I prefer to put DWORD instead of an int.

About spaces instead of tabs, it is probably because of my editor does not distingish spaces and tabs (and if yes, I would disabled this feature). I do prefer tabs, but I do not thing this is interesting.