Subject: GetDefaultPrinter Call does not compile
Posted by JoseB on Wed, 15 Dec 2010 15:20:38 GMT
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Please, could you help me compilling this little example app:

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

struct MyAppWindow : TopWindow
{
   virtual void Paint(Draw& w)
   {
      w.DrawRect(GetSize(), SWhite);
      w.DrawText(20, 20, "Hello world!", Arial(30), Magenta);
   }

   MyAppWindow()
   {
      Title("My application").Zoomable().Sizeable();


      char szPrinterName[255];
      unsigned long lPrinterNameLentgth;

      int ret=GetDefaultPrinter(szPrinterName,&lPrinterNameLentgth );
      if(ret==0)
      {
         DWORD dwErr = ::GetLastError();
         char e[100];
         sprintf(e,"%d",dwErr);

         MessageBox(NULL, "GetDefaultPrinter Error", e,MB_ICONINFORMATION);
      }
   }
};

GUI_APP_MAIN
{
   MyAppWindow app;
   app.SetRect(0, 0, 200, 100);
   app.Run();
}
```

The compiler says:
C:\upp\MyApps\ppp\main.cpp: In constructor 'MyAppWindow::MyAppWindow()':
C:\upp\MyApps\ppp\main.cpp:21: error: 'GetDefaultPrinterA' was not declared in this scope
C:\upp\MyApps\ppp\main.cpp:29: error: returning a value from a constructor

This is just a test application.

Thank you

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Wed, 15 Dec 2010 20:47:55 GMT
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Hello JoseB

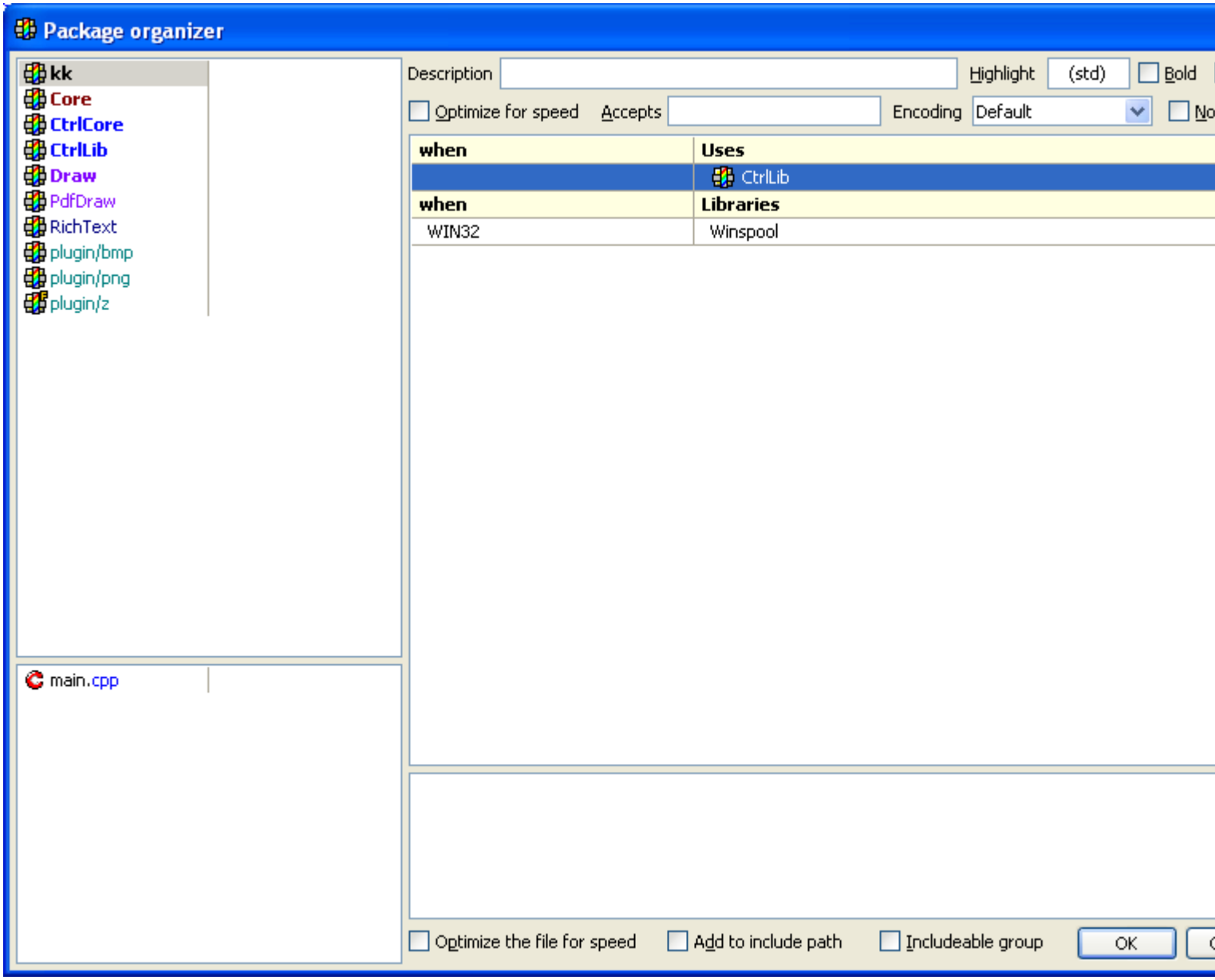
Just add winspool library.

So:
- Select your package
- Do right click or select menu Project
- Choose Package Organizer
- In right side blank area do right click
- Choose New Libraries...
- Fill WIN32 in the left field and winspool in right field
- Push Ok
- Push Ok

Thats all. Here there is a screenshot:

File Attachments

1) dib.PNG, downloaded 1484 times



Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Wed, 15 Dec 2010 22:38:30 GMT
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Ok. Thank you
(I thought it was a compiler error and not a linking error)

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Thu, 16 Dec 2010 08:05:11 GMT

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Hello JoseB

Yes you are right. You got that message from the compiler (MinGW) before adding the line:
#include <winspool.h>
Including winspool as include and lib solves it all .

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Thu, 16 Dec 2010 16:42:09 GMT
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I am still getting the same error even after adding the include and the lib references

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by cbpporter on Thu, 16 Dec 2010 18:41:34 GMT
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Sorry, I only got a linking error that was fixed by adding the library.

Could you post more details about your U++ version and Windows version?

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Thu, 16 Dec 2010 21:09:59 GMT
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Hello JoseB

Try this.

File Attachments
1) kk.7z, downloaded 527 times

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Sat, 18 Dec 2010 02:35:54 GMT
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I tried the kk.7z and the error still exists.

I am compiling in windows 7 and upp 2901

Please, could you create a little program from the ground upp console or dialog to try it im my environment?

Thanks

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Sun, 19 Dec 2010 20:15:19 GMT
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Hello JoseB

What is the compiler output?

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Tue, 21 Dec 2010 09:55:37 GMT
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Here it is:

----- CtrlLib (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (1 / 9)
----- CtrlCore (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (2 / 9)
----- Draw (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (3 / 9)
----- plugin/bmp (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (4 / 9)
----- RichText (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (5 / 9)
----- Core (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (6 / 9)
----- plugin/z (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (7 / 9)
----- plugin/png (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (8 / 9)
----- kk (GUI MAIN GCC DEBUG DEBUG_FULL BLITZ WIN32) (9 / 9)
main.cpp
C:\upp\MyApps\kk\main.cpp: In constructor 'MyAppWindow::MyAppWindow()':
C:\upp\MyApps\kk\main.cpp:21: error: 'GetDefaultPrinterA' was not declared in this scope
kk: 1 file(s) built in (0:04.06), 4065 msecs / file, duration = 4125 msecs, parallelization 0%

There were errors. (0:04.90)

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Tue, 21 Dec 2010 13:11:18 GMT
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Hello JoseB

Find file "winspool.h" and #include it in source.

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Tue, 21 Dec 2010 16:10:40 GMT
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Do you means include it physically? Make a copy of it or just use the include directive?

I have this already and the error still exists:

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

struct MyAppWindow : TopWindow
{
...
```

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Tue, 21 Dec 2010 16:17:34 GMT
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Hello JoseB

The compiler reports "GetDefaultPrinterA" has not been declared.

However "winspool.h" is included.

So it seems:
- either "winspool.h" is not accessible by the compiler
- or "GetDefaultPrinterA" is not included in "winspool.h". In this case tell me your MinGW version. Perhaps it would be outdated.

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Tue, 21 Dec 2010 16:46:08 GMT

Version 2901...

May it be a UPP bug?

JoseB

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Wed, 22 Dec 2010 08:39:08 GMT

Hello JoseB

Quote:- either "winspool.h" is not accessible by the compiler
- or "GetDefaultPrinterA" is not included in "winspool.h". In this case tell me your MinGW version. Perhaps it would be outdated.

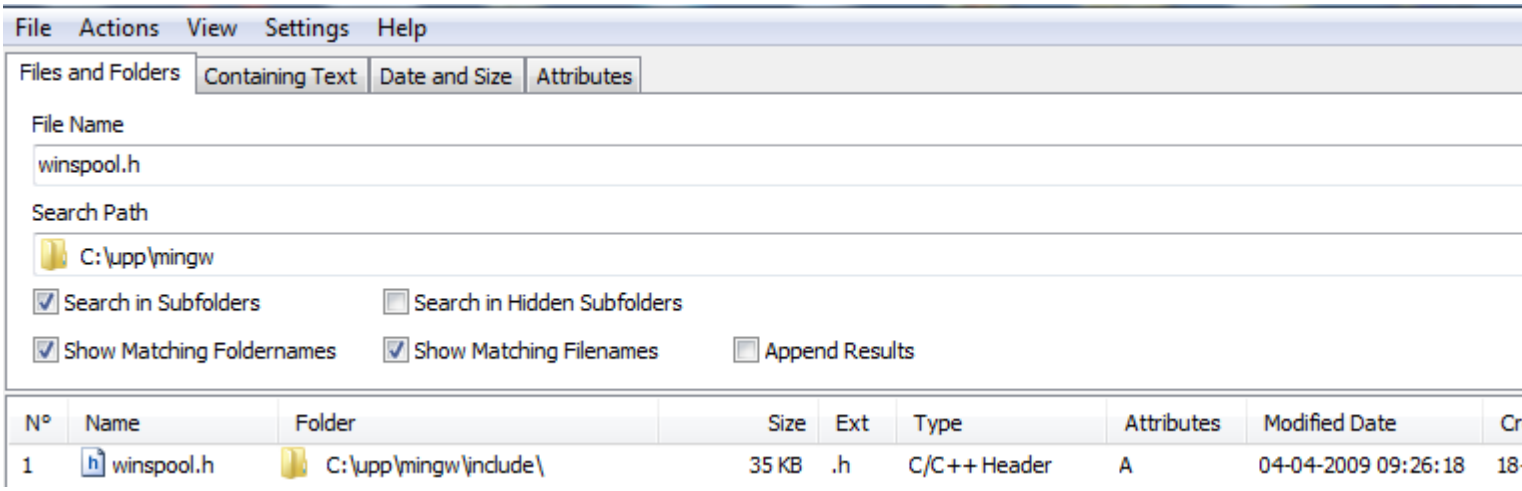
Please first search in your MinGW include files if "winspool.h" is there.

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Wed, 22 Dec 2010 10:14:29 GMT

Yes, "winspool.h" is there.

JoseB

File Attachments
1) winspool_loc.png, downloaded 760 times



Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Wed, 22 Dec 2010 11:12:17 GMT
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Hello JoseB

Please check:

- Is "c:\upp\mingw\include" in Setup/Build Methods/MINGW/Include Directories menu?

- Does "c:\upp\mingw\include\winspool.h" contains GetDefaultPrinterA?

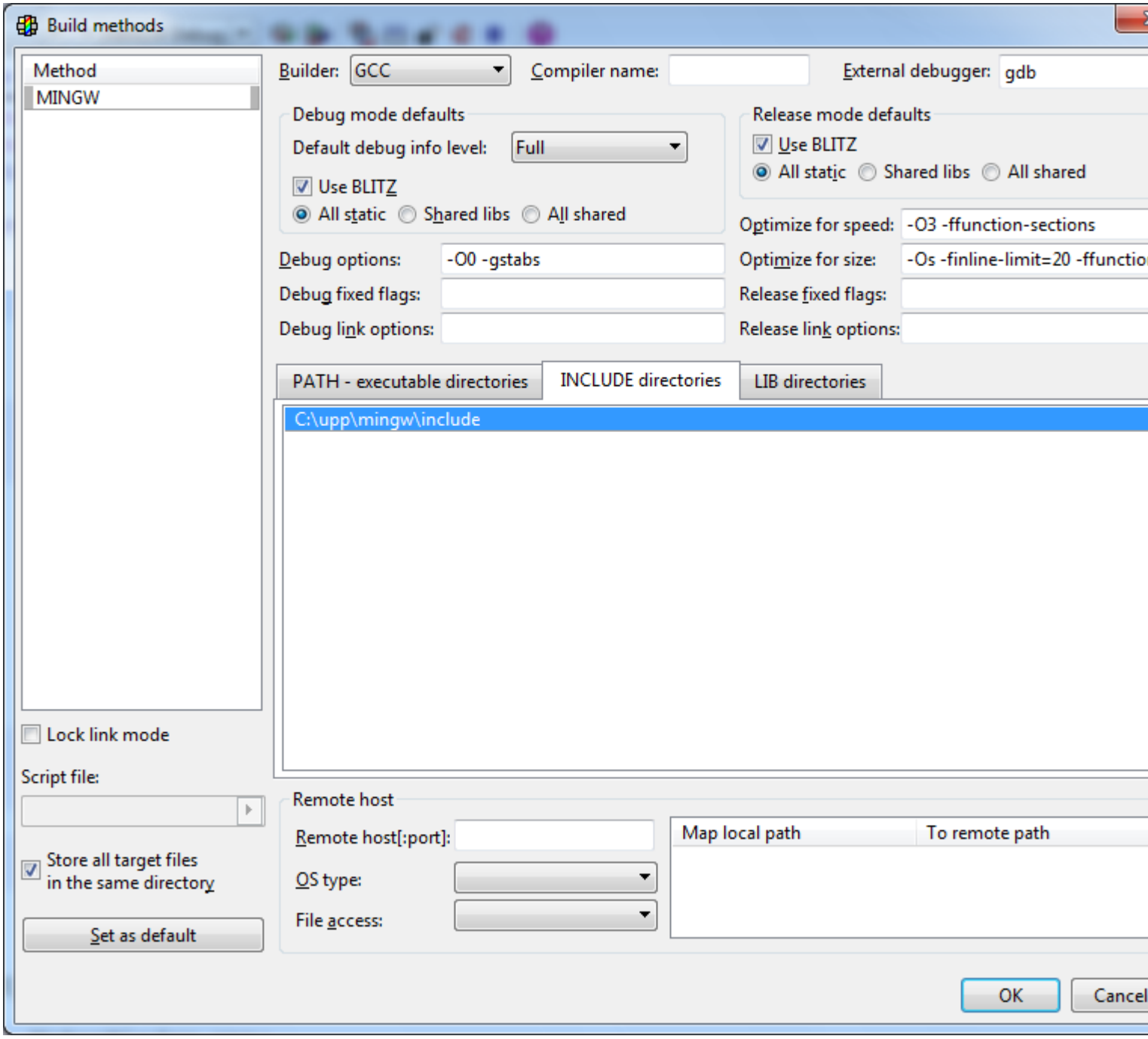
Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Wed, 22 Dec 2010 11:28:13 GMT
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Yes, it is in the menu. See img in attachment.

In the c:\upp\mingw\include\winspool.h i have the entries in img in attachment (for you to see line numbers)

JoseB

File Attachments
1) MinGW_Incs.png, downloaded 827 times



2) lines.png, downloaded 819 times

```
778  HANDLE WINAPI FindNextPrinterChangeNotification(HANDLE,PDWORD,PVOID,PVOID*);
779  BOOL WINAPI FreePrinterNotifyInfo(PPRINTER_NOTIFY_INFO);
780  #if _WIN32_WINNT >= 0x0500
781  BOOL WINAPI GetDefaultPrinterA(LPSTR,LPDWORD);
782  BOOL WINAPI GetDefaultPrinterW(LPWSTR,LPDWORD);
783  #endif
784  BOOL WINAPI GetFormA(HANDLE,LPSTR,DWORD,PBYTE,DWORD,PDWORD);
785  BOOL WINAPI GetFormW(HANDLE,LPWSTR,DWORD,PBYTE,DWORD,PDWORD);
```

```
880  #define EnumPrinters EnumPrintersW
881  #define EnumPrintProcessorDatatypes EnumPrintProcessorDatatypesW
882  #define EnumPrintProcessors EnumPrintProcessorsW
883  #define GetDefaultPrinter GetDefaultPrinterW
884  #define GetForm GetFormW
885  #define GetJob GetJobW
886  #define GetPrinter GetPrinterW
```

```
958  #define EnumPrinters EnumPrintersA
959  #define EnumPrintProcessorDatatypes EnumPrintProcessorDatatypesA
960  #define EnumPrintProcessors EnumPrintProcessorsA
961  #define GetDefaultPrinter GetDefaultPrinterA
962  #define GetForm GetFormA
963  #define GetJob GetJobA
```

Subject: Re: GetDefaultPrinter Call does not compile
Posted by koldo on Wed, 22 Dec 2010 13:11:01 GMT
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Hello JoseB

I do not know what to answer you .

- You have XP or newer windows
- You have "c:\upp\mingw\include\winspool.h"
- And you have in your source:
#include "c:\upp\mingw\include\winspool.h"
or
#include <winspool.h>

I do not understand the compiler error:
C:\upp\MyApps\kk\main.cpp:21: error: 'GetDefaultPrinterA' was not declared in this scope

If you want, open a "TeamViewer" session for me to see in my browser your Desktop. It is like VNC but simple to install and immune to firewalls and proxies.

Subject: Re: GetDefaultPrinter Call does not compile
Posted by JoseB on Wed, 22 Dec 2010 13:24:17 GMT
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Can you tell me a email of you to send you the team viewer credentials? (gmail one to GTalk if necessary?)

(imoveisnacionais@gmail.com)

Can we schedule the operating 1 hour later? Here it is 13:33. Can we make that at 14:30h?

JoseB