Subject: How to Retrieve Printer List from Windows System?
Posted by fzx374cn on Wed, 19 Nov 2025 10:46:41 GMT
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U++,How to Retrieve Printer List from Windows System?Sometimes, I need to specify a default printer.In Qt,I can do it easy.

Subject: The problem has been resolved
Posted by fzx374cn on Thu, 20 Nov 2025 04:38:44 GMT
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The problem has been resolved:

```
#include <CtrlLib/CtrlLib.h>
#include <windows.h>
#include <winspool.h>

using namespace Upp;


Vector<String> EnumeratePrinters() {
   Vector<String> printers;

   HMODULE hWinSpool = LoadLibrary("winspool.drv");

   if (!hWinSpool) {

      return printers;
   }


   typedef BOOL (WINAPI *EnumPrintersFunc)(DWORD, LPTSTR, DWORD, LPBYTE, DWORD,
LPDWORD, LPDWORD);
   EnumPrintersFunc pEnumPrinters = (EnumPrintersFunc)GetProcAddress(hWinSpool,
"EnumPrintersA");

   if (!pEnumPrinters) {

      FreeLibrary(hWinSpool);
      return printers;
   }

   DWORD needed = 0;
   DWORD returned = 0;


   if (!pEnumPrinters(PRINTER_ENUM_LOCAL | PRINTER_ENUM_CONNECTIONS, NULL, 4,
```

```
NULL, 0, &needed, &returned)) {
        if (GetLastError() != ERROR_INSUFFICIENT_BUFFER) {

            FreeLibrary(hWinSpool);
            return printers;
        }
    }


    Buffer<BYTE> buffer(needed);


    if (pEnumPrinters(PRINTER_ENUM_LOCAL | PRINTER_ENUM_CONNECTIONS, NULL, 4,
buffer, needed, &needed, &returned)) {
        PRINTER_INFO_4* printerInfo =


        for (DWORD i = 0; i < returned; i++) {
            printers.Add(printerInfo[i].pPrinterName);
        }
    }

    FreeLibrary(hWinSpool);
    return printers;
}

GUI_APP_MAIN {
    Vector<String> printers = EnumeratePrinters();
    DUMP(printers);

    for (int i = 0; i < printers.GetCount(); i++) {

    }
}
```