

# The report generated in the web server is printed out on the network shared printer

**Source:**

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2002-06/0198.html>

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Date: Sat, 22 Jun 2002 09:44:52 +0800

Hi, all

There are some local printers and network shared printers installed in my web server.

I created a web application, it would call a function in a DLL's to finish the report print work.

The print functionality is done in the DLL's(PrintPaperWork.DLL). In fact, there is another calling and the printing report work is finished in the PB class(using the print method of the datawindow):

```
*****  
*****  
***
```

PrintPaperWork.DLL source codes:

```
*****  
*****  
***
```

```
Private Const sPB_KEY_VALUE_CREATE_SHIPMENT =  
"CLSID\{08493163-D132-40B2-9FFF-24B5AE5B5D1B}\Powerbuilder\LibraryList"  
Private Const sPB_KEY_VALUE_PRINT_MAIN_MANIFEST =  
"CLSID\{23F380AB-6B8C-47B8-8A8D-F84574D91E08}\Powerbuilder\LibraryList"  
Private Const sPB_KEY_VALUE_PRINT_OTHER_DOCS =  
"CLSID\{0DBE98A8-8FB9-444D-AF7F-7073B524AC3E}\Powerbuilder\LibraryList"
```

```
Private bCheck As Boolean
```

```
Private PBAppObjectCreate As Object  
Private MyPbObjectCreate As Object
```

```
Private strPrintDoc As String  
Private strReturn As String
```

```
Public Function PrintOtherDocs(ByVal sWorkorderNo As String, ByVal sGenrtr  
As String, ByVal sChoiceUser As String, ByVal sDate As String, ByVal sTime  
As String) As String
```

```
    Set PBAppObjectCreate = CreateObject("Powerbuilder.Application.7")
```

```
    bCheck = REGTool5.GetKeyValue(REGTool5.HKEY_CLASSES_ROOT,  
sPB_KEY_VALUE_PRINT_OTHER_DOCS, "", strPrintDoc)
```

```
    PBAppObjectCreate.LibraryList = strPrintDoc
```

```
    PBAppObjectCreate.MachineCode = False
```

```
    Set myPbObject = PBAppObjectCreate.CreateObject("nvo_cont_center")
```

```
    strReturn = myPbObject.uf_other_docs(sWorkorderNo, sGenrtr, sChoiceUser,  
sDate, sTime)
```

```
    Set myPbObject = Nothing
```

```
    Set PBAppObjectCreate = Nothing
```

```
    PrintOtherDocs = strReturn
```

```
End Function
```

```
Public Function PrintMainManifest(ByVal sWorkorderNo As String, ByVal  
sGenrtr As String, ByVal sChoiceUser As String, ByVal sDate As String, ByVal  
sTime As String, ByVal YesNo As String) As String
```

```
    Set PBAppObjectCreate = CreateObject("Powerbuilder.Application.7")
```

```
    bCheck = REGTool5.GetKeyValue(REGTool5.HKEY_CLASSES_ROOT,  
sPB_KEY_VALUE_PRINT_MAIN_MANIFEST, "", strPrintDoc)
```

```
    PBAppObjectCreate.LibraryList = strPrintDoc
```

```
    PBAppObjectCreate.MachineCode = False
```

```
    Set myPbObject = PBAppObjectCreate.CreateObject("nvo_control_center")
```

```
    strReturn = myPbObject.uf_control_center(sWorkorderNo, sGenrtr,  
sChoiceUser, sDate, sTime, YesNo)
```

```
    Set myPbObject = Nothing
```

```
    Set PBAppObjectCreate = Nothing
```

```
    PrintMainManifest = strReturn
```

```
End Function
```

```
Public Function CreateShipment(ByVal sGenrtr As String, ByVal sWorkorderNo  
As String, ByVal sDate As String, ByVal sTime As String, ByVal sChoiceUser  
As String, sRecreateShipment As String) As String
```

```
    Set PBAppObjectCreate = CreateObject("Powerbuilder.Application.7")
```

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```
bCheck = REGTool5.GetKeyValue(REGTool5.HKEY_CLASSES_ROOT,
sPB_KEY_VALUE_CREATE_SHIPMENT, "", strPrintDoc)
PBAppObjectCreate.LibraryList = strPrintDoc
PBAppObjectCreate.MachineCode = False

Set myPbObject = PBAppObjectCreate.CreateObject("nvo_create_shipment")

strReturn = myPbObject.uf_create_shipment(sGenrtr, sWorkorderNo, sDate,
sTime, sChoiceUser, sReCreateShipment)

Set myPbObject = Nothing
Set PBAppObjectCreate = Nothing

CreateShipment = strReturn
End Function
```

```
*****
*****
***
```

If i select a local printer, the report will be printed out in the web server successfully . But if i select a network shared printer, the report will not be printed out. I hope that my report will be printed out on the network printer not the local printer. How should i do ?

I think the security causes the problem. How could i solve the problem?

In my \*.aspx, I could just get the local printers not the network shared printers. The codes in VB.net are as follows :

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    Dim pkInstalledPrinters As String

    Dim colPrinterList As New Collection()

    For Each pkInstalledPrinters In
PrinterSettings.InstalledPrinters
        colPrinterList.Add(pkInstalledPrinters)
    Next
End Sub
```

Any help, tips, links are very appreciated !

You'd better give me some source codes .

Thanks in advance.

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