

Re: a script to add a new printer

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Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.wsh/2005-10/msg00008.html>

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 - *Date:* Sun, 02 Oct 2005 18:22:39 +0200
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Lasso wrote:

Is there a script that can do the following task regarding printer installation

- 1.add a tcp/ip as local port, for example: 192.168.1.1
- 2.associate this port with specific pinter driver that located on a specific server on the network. For example: the printer driver file is stored on \\servername\foldername.
3. finish this printer installation and set this printer as default printer.

Note: the scrip will run on windows xp.

Hi,

I think an alternative is to use the prnadmin.dll that comes with the MS Windows 2003 Server Resource Kit from a script.

Windows Server 2003 Resource Kit Tools

<http://www.microsoft.com/downloads/details.aspx?FamilyID=9d467a69-57ff-4ae7-96ee-b18c4790cffd&Dis>

(The kit will install on WinXP or later, but you can copy needed files over to other computers, and then run regsvr32.exe against prnadmin.dll)

More about PrnAdmin (from the RK help file):

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Printer Administration Objects (PrnAdmin) is a COM-based tool that provides large-scale, noninteractive control of printers, drivers, and ports on local and remote computers.

Using PrnAdmin, you can:

- Add and delete a local or remote printer.
- Add and delete printer connections.
- Add and delete a local or remote form.
- Add and delete a local or remote standard TCP/IP port (of type
Line Printer Remote (LPR) or RAW).
- Add and delete a local or remote driver.
- View a list of printers, ports, drivers, and forms on a local or
remote computer.
- Control and configure a local or remote printer.

PrnAdmin consists of several scriptable COM objects residing in Prnadmin.dll, which functions as a wrapper around Printui.dll. Several Microsoft Visual Basic Script (VBScript) sample files are included with the tool.

Note

For more detailed information on how to use PrnAdmin.DLL, see Prnadmin.doc. This white paper provides additional information on printer, drivers, ports and forms to help administrators and programmers manage a large number of local and remote printers.

Corresponding Operating System Features

All the functionality of prnadmin.dll can be duplicated using the printers folder and various wizards. Converting printer ports from LPR to Standard TCP/IP is the only functionality in prnadmin.dll for which there is no corresponding GUI.

For more information about PrnAdmin and the Windows Management Instrumentation (WMI) scripts in Windows Server 2003, see Designing and Deploying Print Servers (<http://go.microsoft.com/fwlink/?LinkID=4745>) in the Windows Server 2003 Deployment Kit.

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Files Required

Prnadmin.dll

The following sample VBScript files are also included:

Prnadmin.doc
Clean.vbs
Clone.vbs (there is no WMI equivalent for the cloning script)
Conall.vbs
Defprn.vbs
Drvmgr.vbs
Forms.vbs
Persist.vbs
Portconv.vbs
Portmgr.vbs
Prncfg.vbs
Prnctrl.vbs
Prndata.vbs
Prnmgr.vbs

and

HOW TO: Programmatically Create a Printer and Printer Port by
Using PrinterAdmin (Prnadmin.dll) with a Visual Basic Script
in Microsoft Windows 2000
<http://support.microsoft.com/default.aspx?scid=kb;en-us;321025>

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torgeir, Microsoft MVP Scripting and WMI, Porsgrunn Norway
Administration scripting examples and an ONLINE version of
the 1328 page Scripting Guide:
<http://www.microsoft.com/technet/scriptcenter/default.msp>

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