

Add Print Model to Comment Field 2012

Release Notes

This script adds the device model name to the comments field for any print queue that is using the HP Universal Print Driver (UPD).

Table of Contents

Add Print Model to Comment Field 2012 Release Notes	1
Disclaimer.....	2
Disclaimer of Warranty and Support	2
Limitation of Liability.....	2
Acknowledgements	2
Version	2
Supersedes	2
Description	2
Support Policy	3
Update recommendation.....	3
Product Models	3
Devices Supported.....	3
Operating Systems.....	3
Languages.....	3
Enhancements	3
Fixes/Fixes History.....	3
Issues and Workarounds	3
Installation instructions.....	4
Prerequisites	4
Usage.....	4
Command Line Syntax	4
Sample file doit.bat.....	4

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Version

Edition 3, August 2016 (first released in PARK 1.5)

Release Notes version 6, June 2019

Supersedes

Edition 2, June 2011 (first released in PARK 1.1)

Description

This script adds the device model name to the comments field for any print queue that is using the HP Universal Print Driver (UPD). The script checks the driver name for each print queue on a server. If the driver name contains "HP Universal Printing", the model name is read from the registry and added to the existing comments for that print queue.

Support Policy

This tool is not eligible for HP Support. Before using this tool, please review the sections "Disclaimer of Warranty and Support" and "Limitation of Liability" in this document. Feedback about the tool (enhancement requests and bug reports) can be sent via email to upd_park@hp.com.

Update recommendation

Recommended/Advised – Includes new enhancements, features, and/or minor bug fixes. HP recommends all customers to update.

Product Models

Compatible with the HP Universal Print Driver (UPD)

Devices Supported

Refer to the specifications tab at www.hp.com/go/upd for a list of devices which are supported by the HP UPD.

Operating Systems

- Microsoft Windows 7 SP1*
- Microsoft Windows 8 / 8.1
- Microsoft Windows 10
- Microsoft Windows Server 2008 R2 SP1
- Microsoft Windows Server 2012 / 2012 R2
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019

*Microsoft has ended mainstream support for this operating system.

Languages

English (International)

Enhancements

none

Fixes/Fixes History

Removed dependency on Microsoft's prnadmin.dll library, which is not supported on Server 2008 onward.

Issues and Workarounds

This script does not support failover cluster nodes or remote servers.

The script will concatenate the device model string to whatever string is currently in the comments field. This may be a concern for the following reasons:

- If the script is run more than once, then the device model will be appended more than once.
- There are no checks in the script regarding string length. If the comments field is excessively long to begin with, the device model may be truncated, or an error may result.

Installation instructions

Copy the files to a folder on the server. No additional installation is necessary for the script.

Prerequisites

None

Usage

Run the following steps after the print queues have been upgraded to use the HP UPD.

Create *doit.bat* file

- Open a command prompt window.
- On a 32-bit system, enter the following on the command line:
 - `cscript /Nologo AddModelToComments-2012.vbs >doit.bat`
- On a 64-bit system, enter the following on the command line
 - `%windir%\SysWOW64\cscript /Nologo AddModelToComments-2012.vbs >doit.bat`

This will create a batch file named *doit.bat* in the current directory. This batch file contains all the commands to write the device name to the comments field.

Run *doit.bat*

Prior to running the batch file, open the batch file and inspect it to ensure that only the intended print queues and actions are included. If there are print queues listed that should not be modified, delete the corresponding entry from the batch file.

Once the contents of the batch file have been verified, run the batch file *doit.bat* from the command prompt

Command Line Syntax

Command Line: `AddModelToComments-2012 [-l?] [-s server]`

Arguments:

- l - put model in location field instead of comments field
- r - replace contents instead of concatenate
- v - verbose mode - list all printers and drivers found
- x - execute now instead of creating batch file
- ? - display command usage

Example: `AddModelToComments-2012 -l -r`

Sample file *doit.bat*

The file *doit.bat* is automatically generated by the *AddModelToComments.vbs* script and uses the Microsoft *printui.dll* utility to make the changes to the comments field. The *Printui.dll* syntax and parameters should not be confused with the parameters used to control *AddModelToComments.vbs*. Under normal usage, the *doit.bat* file should not be edited by the user and should be changed **ONLY** if the user is familiar with the correct usage of *printui.dll*.

The syntax of the Microsoft *printui.dll* utility is documented in the Microsoft *PrintUI.DLL User's Guide and Reference* available at [https://technet.microsoft.com/en-us/library/ee624057\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/ee624057(v=ws.11).aspx)

```
rundll32 printui.dll,PrintUIEntry /Xs /n "HP CLJ 3800 upstairs" comment
"ArtDepartment HP Color LaserJet 3800"
```

The batch file runs the printui.dll once for each printer. In this example, the comments field originally contained the string "ArtDepartment" for this printer. After *doit.bat* runs the comments field will be set to "ArtDepartment HP Color LaserJet 3800"