

Needed Software

You need the following software packages to run the PDF Ghostscript Tool and generate free PDF files. Go to the listed websites and download this programs:

AFPL Ghostscript	http://www.cs.wisc.edu/~ghost	Tool to convert postscript files to pdf files
RedMon	http://www.cs.wisc.edu/~ghost/redmon	The RedMon port monitor redirects a special printer port to a program
PDF Ghostscript Tool	http://pdf-tool.e-hosting24.net	Interface for RedMon and GhostScript
Adobe Acrobat Reader	http://www.adobe.com	Viewer for Adobe PDF-files

Get all these tools from the internet and save the programs in a temporary folder like c:\temp

Installation

Please run the installations of the downloaded programs as follows. Note that you can amend the paths if necessary.

Installation of Ghostscript

Install Ghostscript in this directory:

C:\Program Files\PDF-Tools\gs

Installation of Redmon

If you get RedMon as a compressed ZIP-archive, which contains different files like enum.exe, redfile.exe or setup.exe, proceed as follows:

1. Create a folder under **C:\Program Files\PDF-Tools** called **redmon**
2. Expand all the files, stored in the archive to:
(C:\Program Files\PDF-Tools\redmon)
3. Run the **setup.exe**, which is stored in **C:\Program Files\PDF-Tools\redmon**.
The redirected printer port should now be installed.

If you get RedMon as a single, executable file, install RedMon in this directory:

C:\Program Files\PDF-Tools\redmon

Afterwards run the **setup.exe** in **C:\Program Files\PDF-Tools\redmon**

Installation of PDF Ghostscript Tool

You get the PDF Ghostscript Tool as a selfrunning executable setup program.

Run this setup-program and choose this setup-directory:

C:\Program Files\PDF-Tools\pdf-tool

Configuration

How to install a Postscript-Printer

This step is the main one and you should carefully proceed:

The following steps are valid for a **Windows 2000** system. If you have another one, some steps are a little bit different:

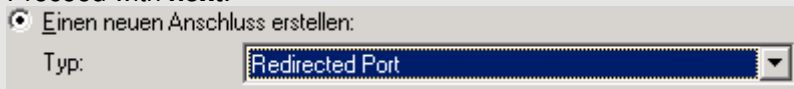
1. Choose **Start → Settings → Printer**

2. DoubleClick on **New Printer** 

3. Choose **next**.

4. Choose the option **local printer**  and continue..

5. Activate the option **Create new Port** and choose **Redirected Port** from the dropdown-list. Proceed with **next**.

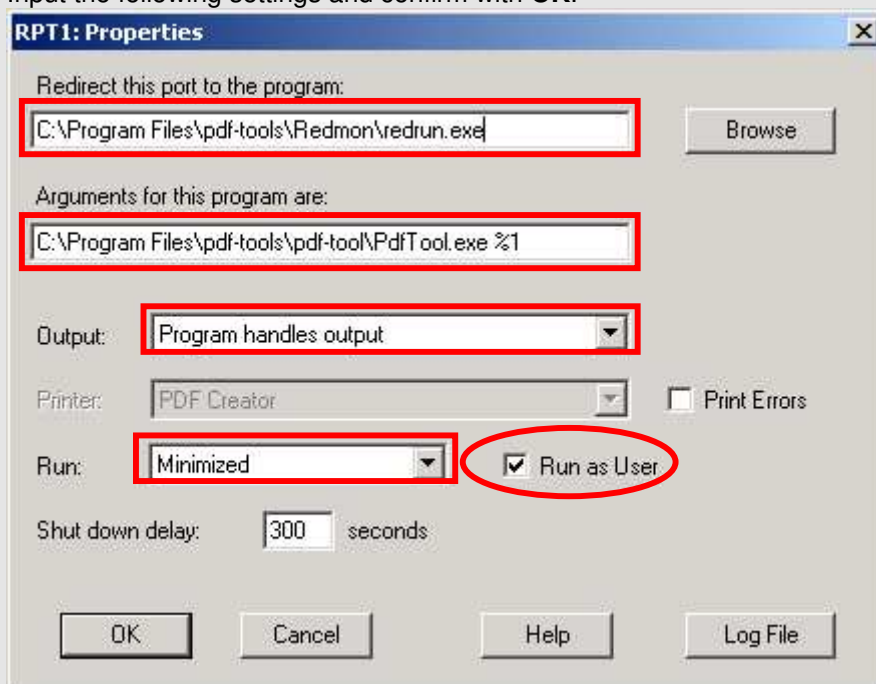


6. Port Name is **RPT1**:



Confirm with **OK**

7. Input the following settings and confirm with **OK**.



8. Now choose a PostScript printer:

Ghostscript was successfully tested with the **HP model Deskjet 1600 CM/PS**.

We recommend to use the free printerdriver published by **Adobe** (www.adobe.com). Install this driver after this installation and choose the printer port **RPT1**.

9. Assign a printer name **PDF-Maker**.

10. You will be asked to print a testpage. Choose **No!**

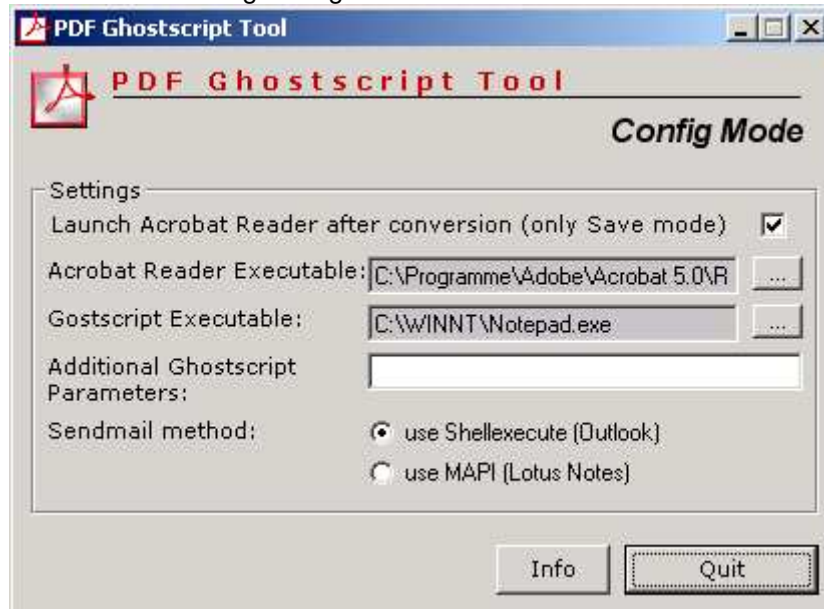
11. Finish the printer installation.

Configure PDF Ghostscript Tool

You have to set-up PDF Ghostscript Tool, before you can start using it:

Goto the Folder (C:\Program Files\PDF-Tools\pdf-tool) and launch **PDFtool.exe**.

Choose the following settings and confirm with **OK**:



- **Launch Acrobat Reader after conversion:** Aktiviate this option, if you would like to start Acrobat Reader after conversion.
- **Acrobat Reader Executable:** Here you can setup the Acrobat Reader directory and executable.
- **Ghostscript Executable:** This is a very important setting. Path to the Ghostscript executable (C:\Program Files\pdf-tools\gs\gs7.04\bin\gswin32c.exe)
- **Additional Ghostscript Parameters:** *In this field you can setup some Ghostscript commandline arguments. (Only for experts)*
- **Sendmail method:** This option handles the mailfunction. If you have Lotus Notes you should use the MAPI-Method. To send PDFs with Outlook use the Shellexcute method. If you encourage problems, switch to another method.

Test Installation

All required settings have now been made and you should now be able to make PDF-files from any application which is able to print.

Run an application like MS Word, open a testfile and choose **File → Print...** Choose the Printer **PDF-Maker** and click on **OK**.

As next step (depending upon speed of the computer and extent of the document) the PDF Ghostscript Tool dialog should appear:



Now you can choose whether you would like to save the PDF-File or send it by your default mail client. The mail method only works, if you have installed a mapi mail client like Lotus Notes (version 5 or higher or MS Outlook).

Problems

If the Save / Mail dialog does not appear after printing, check your settings made on the RPT1

Printerport: **Start → Settings → Printer**

Click with the right mousebutton on the PDF-Maker printer and choose **properties**.

Now click on the tab called **ports** and choose **configure**.

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