

# Convert to PDF 2.0

Automation Print Sample User Guide

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# Convert to PDF Automation Print Demo

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## Introduction

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The Convert to PDF Automation Print Demo demonstrates how to automate the conversion of Word documents to PDF documents using the Convert to PDF printer. The demo application converts all Word documents found in the specified input folder to PDF documents in the specified output folder.

## Requirements

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The sample program is an MFC C++ application written in Visual Studio 2005. You will need the following:

- Visual Studio 2005 to compile and edit the sample application. You do not need this to run the sample; a pre-built executable is included.
- Convert to PDF must be installed; the product can be in trial mode, and is available [here](#).
- Microsoft Word 2003 must be installed and licensed.
- Download and extract [automationprintdemo.zip](#) from the Automation Samples tab on the [support web page](#).
- This document, also included in the automationprintdemo.zip file.

## Download Contents

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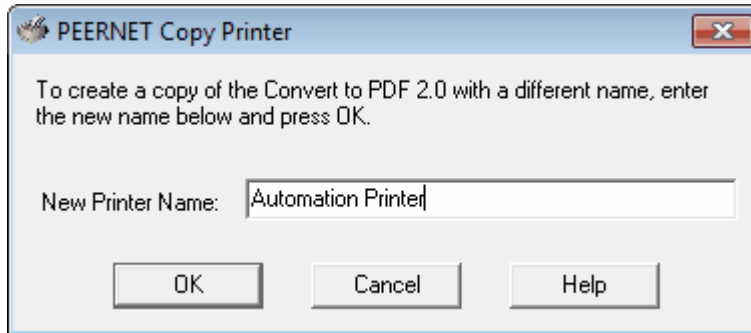
The automation sample zip file contents are listed below. The automation sample also includes this document, as well as a Convert to PDF printer profile file, **Automation Print Demo.ppr**, that is used by the automation sample.

```
\Automation Print Demo
  automationdemoguide.pdf
  Automation Print Demo.ppr
  Automation Print Demo.rc
  Automation Print Demo.sln
  Automation Print Demo.vcproj
  Automation Print DemoDlg.cpp
  Automation Print DemoDlg.h
  msword9.cpp
  msword9.h
  Automation Print Demo.cpp
  resource.h
  stdafx.cpp
  stdafx.h
\res
  Automation Print Demo.rc2
  Automation Print Demo.ico
\Release
  AutoPrintDemo.exe
```

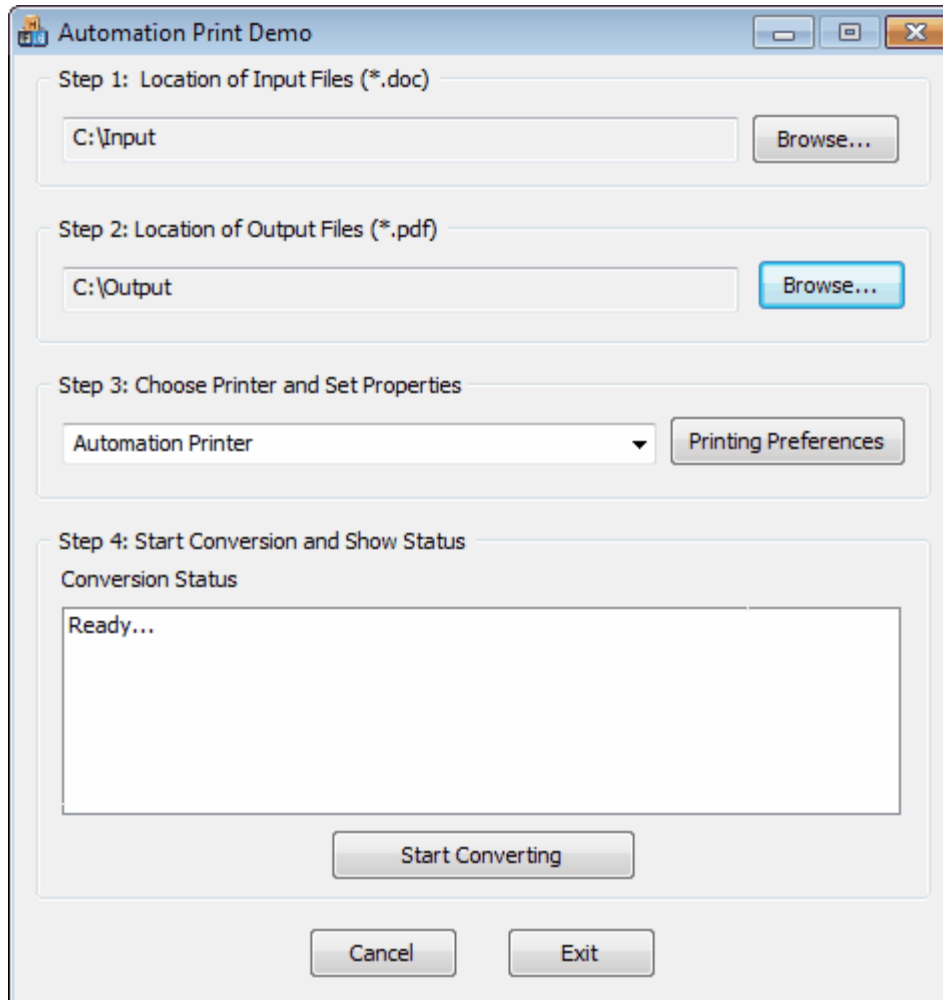
### Running the Sample

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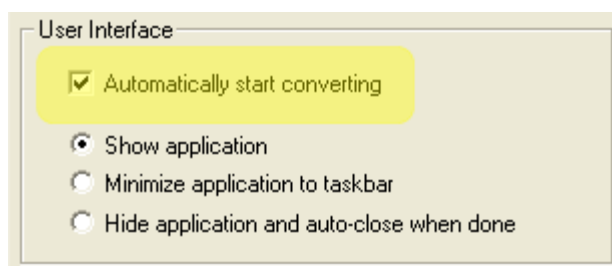
1. Install the Convert to PDF application.
2. Create a copy of the Convert to PDF printer named **Automation Printer**. The Copy Printer utility is available from the **Start** menu by going to **All Programs – Convert to PDF 2.0 – Copy Printer...**



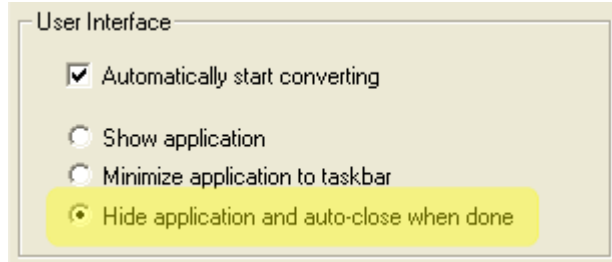
3. Extract the contents of the *automationprintdemo.zip* file.
4. From the folder containing the extracted files, run the Automation Print Demo application **AutoPrintDemo.exe** from the *\Release* folder.



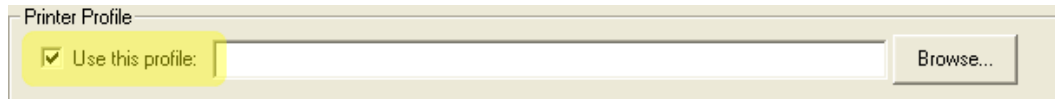
- a. In Step 1, set the location of the **Input Files**. The *Documents* folder is used by default.
  - b. In Step 2, set the location of the **Output Files**. The *Documents* folder is used by default.
  - c. In Step 3, choose the printer named **Automation Printer** from the list of printers. Only the **Convert to PDF** printer and any copies of that printer will be shown in the drop down listbox.
5. Click the **Printing Preferences** button to set the preferences for **Automation Printer**.
- a. On the **Printing Preferences** dialog, enable the “**Automatically start converting**” checkbox in the *User Interface* section.



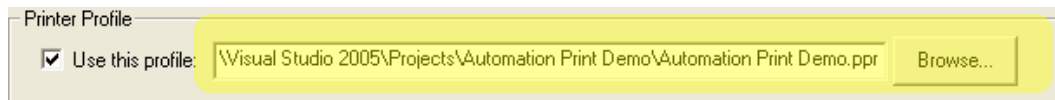
- b. Turn off the display of the Convert to PDF application by selecting “**Hide application and auto-close when done**” in the *User Interface* section.



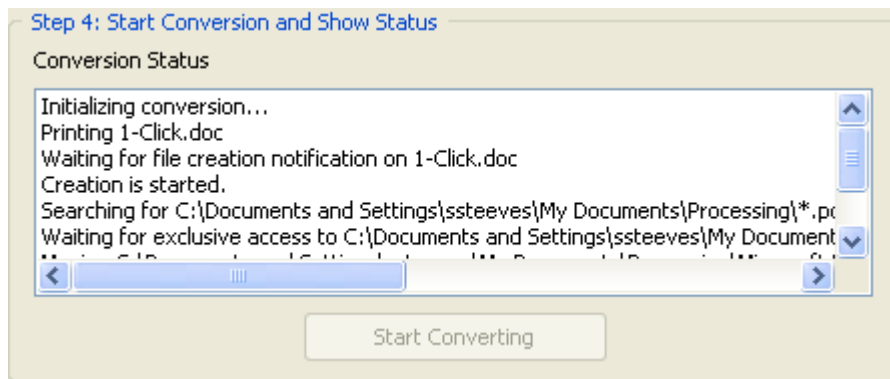
- c. In the *Printer Profile* section enable the “**Use this profile**” checkbox.



- d. Use the **Browse...** button to locate and select the Automation Print Demo.ppr profile included with the sample code.



6. Select “**Start Converting**” to begin converting Word documents from the input location to PDF documents in the output location. The demo application will display status messages as the files are converted.



**Note:** If you are running the demo application with a trial version of Convert to PDF, a license prompt will be displayed for each file you are converting. Simple select the “**I want to continue evaluating**” button to dismiss the dialog and continue.

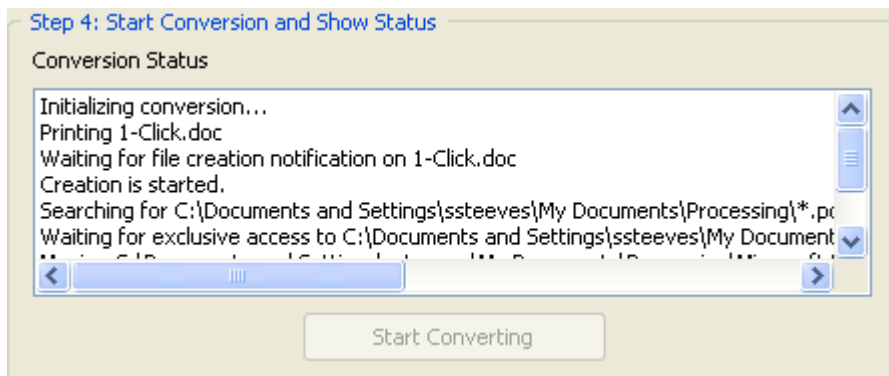
## How the Sample Works

The demo application loops through all Word documents found in the input folder and sends them one at a time to Convert to PDF. Convert to PDF creates the PDF files in a **/processing** folder located below the **Documents** folder. This folder is specified as part of the settings in the Automation Print Demo.ppr printer profile and is created by the demo application if it does not exist.

The demo application watches the **/processing** folder for PDF files to be created. As soon as the demo application gets notification that a PDF file has been created, it then waits on exclusive access to that PDF file. This is important as exclusive access to the file is the only way to know when the Convert to PDF application has finished creating the file and that it is safe to move or further process the file.

When the demo application gets exclusive access, the PDF file is then moved to the output folder as chosen on the sample application dialog. If a file of the same name already exists in the output folder, the file is left in the **/processing** folder and renamed with a *.failed* extension.

The demo application will display status messages as the files are converted:



When the PDF file has been moved to the output folder location, the demo application loops and moves to the next Word document. This repeats until all documents in the input location have been processed.

### Information

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See the following links for other guides on using Convert to PDF 2.0.

[Guide to Using Printer Profiles](#) – explains how to create printer profiles and how they can be used, as well as how to create and use custom copies of the Convert to PDF printer.

[No Prompt PDF Creation Guide](#) – shows how to configure Convert to PDF to create a PDF document from any Windows application with a single click of the Print button.