

User Manual of Doc Converter COM

Brief Introduction	1
System requirement:	1
Functions of this software	1
1. Properties	1
2. Functions	4
3. Additional functions	5
How to use	5
Install the DocConverter COM product	5
Description for files and directories in DocConverter COM package	6
Use DocConverter COM with other applications like php, c# VB and others.....	7
How convert a DOC, DOCX, RTF, PPT, PPTX, XLS, XLSX, TXT etc. files to PDF files from my html page?.....	7
Important issues for the DocConverter COM product	10
For ASP example:.....	10
Use MS Internet Explorer Control method.....	11
Contact Us	12

Brief Introduction

Doc Converter COM is developed for developers who have the needs to convert files of Microsoft Word, PowerPoint, Excel, JPG, PNG, GIF, HTML and others to PDF by script together with other application like VB, VC, C# etc.

System requirement:

- PDFcamp Pro V1.8 or newer
- Microsoft Windows 2000, or later versions.
- Windows Internet Explorer 5.0 or newer
- Microsoft Office 97 or newer

Functions of this software

1. Properties

`html2PDF([in] BSTR pVal);`

Set input document filename or a URL point to a website,

For Example,

```
Doc2PDFCOM.html2PDF = "http://www.yahoo.com/";
```

```
Doc2PDFCOM.html2PDF = "C:\test.doc";
```

htmlBuffer([in] BSTR pVal);

You also can set input content from a buffer, this function only can work for a html stream, please notice, you can't use "html2PDF" and "htmlBuffer" in one time,

For Example,

```
Doc2PDFCOM.htmlBuffer = "<HTML><BODY>Hello</BODY></HTML>";
```

fileName([in] BSTR pVal);

Set output pdf filename,

For Example,

```
Doc2PDFCOM.fileName = "C:/html2pdf.pdf"
```

headersFooters([in] BSTR pVal);

Set "on" or "off" the page's header and footer when convert a html file to pdf file,

For Example,

```
Doc2PDFCOM.headersFooters = "on";
```

```
Doc2PDFCOM.headersFooters = "off";
```

htmlHeaders([in] BSTR pVal);

Set page header in the pdf file, it only available when "headersFooters" equal "on",

For Example,

```
Doc2PDFCOM.htmlHeaders = "Custom html header at here 1111111111";
```

htmlFooters([in] BSTR pVal);

Set page footer in the pdf file, it only available when "headersFooters" equal "on",

For Example,

```
Doc2PDFCOM.htmlFooters = "Custom html footer at here 2222222222";
```

paperType([in] long pVal);

Set page type, the value is from 0 to 9,

0 "Letter [8.5 x 11 in]",

1 "Legal [8.5 x 14 in]",

2 "Executive [7.25 x 10.5 in]",

3 "Ledger [355.6 x 215.9 mm]",

4 "Tabloid [11 x 17 in]",

5 "Screen [10 x 7.5 in]",

6 "A3 [297 x 420 mm]",

7 "A4 [210 x 297 mm]",

8 "A5 [148 x 210 mm]",

9 Custom page size

For Example,

```
Doc2PDFCOM.paperType = 7;
```

pageWidth([in] single pVal);

Set page width, in pixel, it only available when the "paperType" equal 9,

For Example,

```
Doc2PDFCOM.paperType = 9;
```

```
Doc2PDFCOM.pageWidth = 300;
```

```
Doc2PDFCOM.pageHeight= 300;
```

pageHeight([in] single pVal);

Set page height, in pixel, it only available when the "paperType" equal 9,

For Example,

```
Doc2PDFCOM.paperType = 9;
```

```
Doc2PDFCOM.pageWidth = 300;
```

```
Doc2PDFCOM.pageHeight= 300;
```

subject([in] BSTR pVal);

If you wish mail the generated pdf file as an email's attachment, you may set the subject of this email,

For Example,

```
Doc2PDFCOM.subject = "I can control the subject this way";
```

```
Doc2PDFCOM.SendEmail();
```

body([in] BSTR pVal);

If you wish mail the generated pdf file as an email's attachment, you may set the body of this email,

For Example,

```
Doc2PDFCOM.body = "And I can control the body too"
```

```
Doc2PDFCOM.SendEmail();
```

printerStatus([in] BSTR pVal);

Control the "PDFcamp Printer" enable or disable status,

"on" : Enable the "PDFcamp Printer", so the "PDFcamp Printer" is available for any printable applications,

"off": Disable the "PDFcamp Printer", you only can create pdf file from this COM Component, the "PDFcamp Printer" is unavailable for any other applications,

For Example,

```
Doc2PDFCOM.printerStatus = "on";
```

```
Doc2PDFCOM.printerStatus = "off";
```

showStatusBar([in] BSTR pVal);

Show or hide the printing process,

For Example,

```
Doc2PDFCOM.showStatusBar = "on";
```

```
Doc2PDFCOM.showStatusBar = "off";
```

getVersion([in] double pVal);

Get the version number of this COM Component,

For Example,

```
var version = Doc2PDFCOM.getVersion;
```

StillRunning([out, retval] long* pVal);

This value retrieves the conversion status of the COM Component, if return value is 1, indicate the conversion is still running, 0 indicate the conversion is stoped,

For Example (VB codes),

```
While PdfCreator.StillRunning = 1
```

```
DoEvents
Call WaitMessage
Wend
```

2. Functions

CreatePDF()

Create PDF file,

For Example,

```
Set PdfCreator = New PDFOUTLib.PdfCreator
PdfCreator.HTML2PDF = "C:\sample.html"
PdfCreator.FileName = "C:\sample.pdf"
PdfCreator.HeadersFooters = "off"
PdfCreator.paperType = 6 '//7 is A4 paper, 6 is A3 paper
PdfCreator.CreatePDF
While PdfCreator.StillRunning = 1
    DoEvents
    Call WaitMessage
Wend
Set PdfCreator = Nothing
Debug.Print "C:\sample.html -->C:\sample.pdf"
```

ViewPDF()

After create a PDF file and open it in Acrobat Reader software,

For Example,

```
Set PdfCreator = New PDFOUTLib.PdfCreator
PdfCreator.HTML2PDF = "C:\sample.html"
PdfCreator.FileName = "C:\sample.pdf"
PdfCreator.HeadersFooters = "off"
PdfCreator.paperType = 6 '//7 is A4 paper, 6 is A3 paper
PdfCreator.ViewPDF
While PdfCreator.StillRunning = 1
    DoEvents
    Call WaitMessage
Wend
Set PdfCreator = Nothing
Debug.Print "C:\sample.html -->C:\sample.pdf"
```

SendEmail()

After create a PDF file and send it from your mail client,

For Example,

```
Set PdfCreator = New PDFOUTLib.PdfCreator
PdfCreator.HTML2PDF = "C:\sample.html"
```

```

PdfCreator.FileName = "C:\sample.pdf"
PdfCreator.HeadersFooters = "off"
PdfCreator.paperType = 6 '//7 is A4 paper, 6 is A3 paper
PdfCreator.subject = "I can control the subject this way"
PdfCreator.body = "And I can control the body too"
PdfCreator.SendEmail
While PdfCreator.StillRunning = 1
    DoEvents
    Call WaitMessage
Wend
Set PdfCreator = Nothing

```

3. Additional functions

Word2PDF(BSTR m_pDocFile, BSTR m_pPDFFile);

Another function which also can convert .doc, .xls, .html, .txt, .rtf etc files to PDF files, but it will popup a print dialog when conversion, this is a global function, you need set any value before you call it,

For example:

```

Private Sub Word2PDF_ShellPrint_Click()
    Set PdfCreator = New PDFOUTLib.PdfCreator
    PdfCreator.Word2PDF "C:\sample.doc", "C:\sample.doc.pdf"
    Debug.Print "C:\sample.doc -->C:\sample.doc.pdf"
    MsgBox "Word2PDF_ShellPrint finished"
    Set PdfCreator = Nothing
End Sub

```

How to use

Install the DocConverter COM product

1.1. Please download and install PDFcamp Printer v2.3 or PDFcamp Printer Pro v2.3 from our website,

http://www.verypdf.com/pdfcamp/pdfcamp_setup.exe

1.2. Please download DocConverter COM from our website,

http://www.verypdf.com/pdfcamp/doc2pdf_com_trial.zip

1.3. Please unzip "**doc2pdf_com_trial.zip**" package to a folder, and run "**install_as_exe.bat**" file to install the DocConverter COM into your system,

1.4. Then you can run **HTML2PDF.exe** from command line to try, **HTML2PDF.exe** is a Windows Command Line Tool, you can run it from command line window,

For example:

```
html2pdf.exe "http://www.yahoo.com" "C:\yahoo.pdf"
```

html2pdf.exe

```
"http://www.google.com/search?sourceid=navclient&ie=UTF-8&oe=UTF-8&q=pdf"
```

```
"C:\google.pdf"
```

```
html2pdf.exe "C:\example.doc" "C:\example.pdf"
```

```
html2pdf.exe "C:\example.xls" "C:\example.pdf"
```

Description for files and directories in DocConverter COM package

pdfout.dll:

This is the DocConverter COM Component, you must register it into your system prior to use the HTML2PDF.exe application, "install_as_exe.bat" and "install_as_service.bat" files will install and register pdfout.dll file into your system automatically.

install_as_service.bat:

It will copy all necessary files to system32 folder and install "doc2pdf_service.exe" as a System Service, the Service Name is "VeryPDF DocConverter COM Service", you can start, stop, restart this Service from Windows System Service Management Application.

install_as_exe.bat:

It will copy all necessary files to system32 folder and install "doc2pdf_service.exe" as a Normal Windows Application.

uninstall.bat:

It will uninstall DocConverter COM from your Windows System.

doc2pdf_service.exe:

This is a Windows Service Application, it is useful for PHP, ASP, C#, VB.NET, ASP.NET, etc. Web Service Applications, for example, once you call DocConverter COM from PHP, ASP, C#, VB.NET, ASP.NET applications, doc2pdf_service.exe will accept and execute all conversion tasks automatically. This application will be started by "install_as_exe.bat" and "install_as_service.bat" files.

Examples for doc2pdf_service.exe software:

~~~~~

"doc2pdf\_service.exe" can be started at two methods, run as a Windows System Service and run as a Normal Windows Application,

1. Run As a Normal Windows Application

```
C:\>doc2pdf_service.exe "-exe"
```

This Command Line will run doc2pdf\_service.exe as a normal windows application.

## 2. Run As a Windows Service

```
C:\>doc2pdf_service.exe -i
```

This Command Line will install the "VeryPDF DocConverter COM Service" into your system.

```
C:\>doc2pdf_service.exe -u
```

This Command Line will uninstall the "VeryPDF DocConverter COM Service" from your system.

```
C:\>net start "VeryPDF DocConverter COM Service"
```

```
C:\>net stop "VeryPDF DocConverter COM Service"
```

Above Command Lines will start/stop "VeryPDF DocConverter COM Service" from your system.

## Use DocConverter COM with other applications like php, c# VB and others

### How convert a DOC, DOCX, RTF, PPT, PPTX, XLS, XLSX, TXT etc. files to PDF files from my html page?

A: You may use **notepad.exe** software to open the **doc2pdf\_html\test.htm** file, and find following function,

```
function Word2PDF()
{
    //please modify the input and output file name at here
    hh3.Word2PDF("C:/input.doc","C:/output.pdf");
}
```

After you finished the modification, please save it and close your notepad software, then please run the **test.htm** file, click the "Word2PDF" button, then you'll convert "**C:/input.doc**" document to "**C:/output.pdf**" document.

### How convert a html file to PDF file from my html page?

A: Please refer to the **doc2pdf\_html\test.htm** file, please use following function to convert a html file or URL to a PDF file,

```
function CreatePDF()
{
    hh3.headersFooters = "off";
    hh3.html2PDF= "http://www.yahoo.com/";
    hh3.fileName = "C:/html2pdf.pdf";
    hh3.CreatePDF();
}
```

Online Examples for "[Call DocConverter COM from HTML page](#)", [Example1](#), [Example2](#).

## How convert html, doc, docx, rtf, xls, xlsx, ppt, pptx etc files to PDF files from my VB program?

A: Please refer to the "doc2pdf\_vb" folder, this project contain some examples for doc, rtf, html, txt, etc. files to PDF files conversion.

You can use the "doc2pdf\_vb" project to test this COM, you may open this project in VB6, and modify some input and output file names, then compile and run it to try.

## How convert html, doc, docx, rtf, xls, xlsx, ppt, pptx, txt etc files to PDF files from other programs (C++, VC, Delphi, Power Build, Java, .NET, etc.)?

A: You can simple call the "html2pdf.exe" software from these programs directly.

## How convert html, doc, docx, rtf, xls, xlsx, ppt, pptx, txt etc files to PDF files from my ASP program?

A: Please by following steps to try,

1. Please run "install\_as\_exe.bat" to install the DocConverter COM first, and make sure the "doc2pdf\_service.exe" application is running,
2. Please make sure that you have already installed "PDFcamp Printer" before,
3. Please run following ASP examples to try,

### Example1:

```
<%  
    set PdfCreator = server.createobject("PdfOut.PdfCreator")  
    PdfCreator.html2PDF= "http://www.google.com/"  
    PdfCreator.fileName = "C:/google.pdf"  
    result = PdfCreator.Doc2PDFViaSocket()  
    set PdfCreator = nothing  
%>
```

### Example2:

```
<%  
    set PdfCreator = Server.CreateObject("PdfOut.PdfCreator")  
    ConvertHTMLToPDF1 PdfCreator,"http://www.google.com","google001.pdf"  
    set PdfCreator = nothing
```

```
function ConvertHTMLToPDF1(byval PdfCreator, strHTMLFile, strPDFFile)  
    'The first method to create a PDF file from HTML file  
    strPDFFile = server.mappath(".") & "\" & strPDFFile  
    dim strCommandLine  
    strCommandLine = """" + strHTMLFile + """"
```



```

        strCommandLine = strCommandLine + " "
        strCommandLine = strCommandLine + """" + strPDFFile + """"
        strCommandLine = strCommandLine + " "
        strCommandLine = strCommandLine + """" + "paperType=6" + """"
        Response.write "HTML To PDF Command Line1 is: " & strCommandLine &
"<br>"

        PdfCreator.Doc2PDFCommandLine(strCommandLine)
    end function
%>

```

4. Then you can convert .html, URL, .doc, .docx, .rtf, .ppt, .pptx, .xls, .xlsx, txt etc. files to PDF files from your ASP code.

### How do I call DocConverter COM from PHP code?

A: Some examples for call DocConverter COM Service from PHP code:

#### Example 1:

```

<?php
    $url = "http://www.verypdf.com";
    $path = "C:\\test.pdf";
    $com = new COM("PdfOut.PdfCreator");
    $com->html2PDF = $url;
    $com->fileName = $path;
    $com->Doc2PDFViaSocket();
?>

```

#### Example 2:

```

<?php
    $PdfCreator = new COM("PdfOut.PdfCreator") or die("Cannot start PdfCreator");
    $PdfCreator->Doc2PDFCommandLine(' "c:\input.doc" "c:\output.pdf" ');
    $PdfCreator = null;
?>

```

#### Example 3:

```

<?php
    $url = "http://www.verypdf.com";
    $path = "C:\\test.pdf";
    $com = new COM("PdfOut.PdfCreator");
        $com->Doc2PDFCommandLine("\"$url\"                \"$path\"
\"paperType=0,PrintHTMLBackground=yes,overwrite=yes\"");
?>

```

### How do I call DocConverter COM from VC++ code?

A: Please look at following VC++ function,

```

BOOL ConvertHTMLToPDF (const char *lpHTMLFile, const char* lpPDFFile)
{
    IPdfCreator pdfout;

```

```

        BOOL bRet = pdfout.CreateDispatch(_T("PdfOut.PdfCreator"));
        if(bRet == FALSE)
        {
            printf("Can't locate 'PdfOut.PdfCreator' in this computer, please reinstall this
product to try again.\n");
            return FALSE;
        }
        pdfout.SetActivePrinter("PDFcamp Printer");
        pdfout.SetFileName(lpPDFFile);
        pdfout.SetHtml2PDF(lpHTMLFile);
        pdfout.SetPaperType(0);
        pdfout.CreatePDF();
        while(pdfout.GetStillRunning() == 1)
        {
            MSG msg;
            while (PeekMessage (&msg, NULL, 0, 0, PM_REMOVE))
            {
                TranslateMessage (&msg);
                DispatchMessage (&msg);
            }
            Sleep(20);
        }
        pdfout.DetachDispatch();
        return TRUE;
    }

```

For more information, please read the "readme.txt" file in the "doc2pdf\_asp" folder.

## **Important issues for the DocConverter COM product**

### **For ASP example:**

- 1 You need run "install\_as\_exe.bat" file first, and make sure "doc2pdf\_service.exe" application is running,
2. Please make sure "html2pdf.exe", "doc2pdf\_service.exe", "doc2pdf\_config.ini" and "pdfout.dll" files have been installed into your system32 folder,
3. Please make sure you have already installed "PDFcamp Printer" product.

### **For HTML to PDF Conversion:**

You need install the MS Internet Explorer 6.0 (MS IE6.0) to convert HTML files to PDF files, the MS IE5.0 and IE5.5 are not enough.

### **For MS Office documents to PDF Conversion:**

You need install MS Word, Excel, PowerPoint, etc. applications to convert corresponding documents to PDF files.

**Four methods to convert MS Office documents (DOC, DOCX, RTF, PPT, PPTX, XLS, XLSX, TXT, HTML, URL, etc.) to PDF files**

## Use MS Internet Explorer Control method

```
~~~~~  
Set PdfCreator = New PDFOUTLib.PdfCreator

PdfCreator.HTML2PDF = "C:\sample.doc"
PdfCreator.FileName = "C:\sample.doc.pdf"
PdfCreator.HeadersFooters = "off"
PdfCreator.paperType = 7 '7 is A4 paper, 6 is A3 paper
PdfCreator.CreatePDF
While PdfCreator.StillRunning = 1
 DoEvents
 Call WaitMessage
Wend
Set PdfCreator = Nothing
~~~~~
```

## Use Shell Print method (Print from Windows Explorer)

```
~~~~~  
Set PdfCreator = New PDFOUTLib.PdfCreator

PdfCreator.Word2PDF "C:\sample.doc", "C:\sample.doc.pdf"
PdfCreator.Word2PDF "C:\sample.xls", "C:\sample.xls.pdf"
PdfCreator.Word2PDF "C:\sample.ppt", "C:\sample.ppt.pdf"
MsgBox "Word2PDF_ShellPrint finished"
Set PdfCreator = Nothing
~~~~~
```

## Use MS Office OLE method

Please refer to "doc2pdf\_exe" folder for detailed usages, this folder contains VB source code for HTML2PDF.exe software, **this source code is only available in the full version of DocConverter COM package.**

## Use "HTML2PDF.exe" Command Line application

You can call "html2pdf.exe" Command Line software from your application directly, this is an easiest method.

# Contact Us

During the using, if you have any question, please contact us by the ways supported on our contact us website. Or send us a ticket directly to [support@verydoc.com](mailto:support@verydoc.com) directly.