

Advanced Command Line Image To PDF

Product Information Page:

http://www.advancedreliablesoftware.com/advanced_command_line_image_to_pdf.html

Advanced Command Line Image To PDF is a scriptable .exe utility that automates conversion of one or more image files - PNG, GIF, JPEG, JPG, JP2, J2K, TIFF, TIF, BMP - to PDF format. The application, aclimage2pdf.exe, has no graphical user interface and supports four PDF output modes: create one PDF document for each image file found in the input directory, create one PDF document for each image file found in the input directory and its subdirectories, create one multi-page PDF document with each image found in the input directory placed on a separate page, create one multi-page PDF document with each image found in the input directory and its subdirectories placed on a separate page. The application enables users to define output PDF document page size and orientation, scale images to specific percentage of their original size, scale images to fit selected output PDF document size and orientation, define custom output PDF file name. Advanced Command Line Image To PDF installer includes a helper application, aclimage2pdfhelper.exe, that provides graphical user interface for generation of script files to be used with aclimage2pdf.exe.

Step 1 – XML Configuration File

First use of aclimage2pdf.exe will create an XML configuration file, AdvancedCommandLineImageToPdf.xml, populated with default settings. The XML configuration file will be created in one of the below folders, depending on your operating system:

My Documents\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf
Documents\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf

Step 2 – Usage

```
"C:\Program  
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"  
<output mode>  
<input directory with image files>  
<output PDF directory>  
<output PDF page size>  
<output PDF page orientation>  
<output PDF image scaling>  
<optional output PDF image scale percentage>  
<optional output PDF file name>
```

```
<output mode>  
-md Create one output PDF document for each image file found in the input directory.  
-mds Create one output PDF document for each image file found in the input directory  
and all of its subdirectories.
```

- sd Create one output PDF document. Each page will contain an image from the input directory.
- sds Create one output PDF document. Each page will contain an image from the input directory and all of its subdirectories.
- h Display command syntax.

<input directory with image files>

Application will attempt to perform work on each supported image file in the input directory and its subdirectories. All input image files will remain in their original condition.

<output PDF directory>

Output directory for the PDF documents. Output directory will be automatically created if it does not exist.

<output PDF page size>

Integer value between 1 and 30. 1 = Letter, 2 = Legal, 3 = Ledger, 4 = 11x17, 5 = Note, 6 = FLSA, 7 = FLSE, 8 = Half Letter, 9 = A0, 10 = A1, 11 = A2, 12 = A3, 13 = A4, 14 = A5, 15 = A6, 16 = A7, 17 = A8, 18 = A9, 19 = A10, 20 = B0, 21 = B1, 22 = B2, 23 = B3, 24 = B4, 25 = B5, 26 = ARCH A, 27 = ARCH B, 28 = ARCH C, 29 = ARCH D, 30 = ARCH E

<output PDF page orientation>

Integer value between 1 and 2. 1 = Portrait, 2 = Landscape

<output PDF image scaling>

Integer value between 1 and 3. 1 = No scaling, 2 = Scale images to fit PDF page size, 3 = Scale images to specific percentage of their original size

<optional output PDF image scale percentage>

Integer value greater than 0 to be used with PDF image scaling mode 3 (100 = original image size)

<optional output PDF file name>

Output PDF file name to be used with output modes -sd and -sds. Enclose in quotes if file name contains space character.

Examples:

```
"C:\Program  
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"  
-md "C:\InputDirectory" "C:\OutputDirectory" 1 1 1
```

```
"C:\Program  
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"  
-md "C:\InputDirectory" "C:\OutputDirectory" 1 1 3 50
```

```
"C:\Program  
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"  
-m ds "C:\InputDirectory" "C:\OutputDirectory" 1 1 1
```

```
"C:\Program
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"
-mds "C:\InputDirectory" "C:\OutputDirectory" 1 1 3 50
```

```
"C:\Program
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"
-sd "C:\InputDirectory" "C:\OutputDirectory" 1 1 1
```

```
"C:\Program
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"
-sd "C:\InputDirectory" "C:\OutputDirectory" 1 1 3 50 "My drawings.pdf"
```

```
"C:\Program
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"
-sds "C:\InputDirectory" "C:\OutputDirectory" 1 1 1 100 "My drawings.pdf"
```

```
"C:\Program
Files\AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\aclimage2pdf.exe"
-sds "C:\InputDirectory" "C:\OutputDirectory" 1 1 3 50 "My drawings.pdf"
```

Step 3 (Optional) – Sort Order of Input Image Files

Input image file names are sorted based on their absolute path and are treated as strings of text. To simulate numeric sorting of file names that begin with digits, pad relevant file names with one or more 'zero' characters.

Sample file names that correspond to sort sequence: 1, 2, 10, 11, 100, 101, 1000.

```
0001.jpg
0002.jpg
0010.jpg
0011.jpg
0100.jpg
0101.jpg
1000.jpg
```

Step 4 (Optional) – Generate Scripts With Helper Application

Advanced Command Line Image To PDF installer includes helper utility `aclimage2pdfhelper.exe` that provides graphical user interface for creation of scripts and batch files to be used with `aclimage2pdf.exe`.

Follow below directions in order to create scripts or batch files for use with `aclimage2pdf.exe`.

Select output directory for your script file.

Step 1 - Select Script File Output Directory



C:\Documents and Settings\Administrator\Desktop

Assign script file name and extension.

Step 2 - Define Script File Name

Script file name:

convert_drawings.bat

Select PDF output mode.

Step 3 - Select PDF Output Mode

- Create one output PDF document for each image file found in the input directory.
- Create one output PDF document for each image file found in the input directory and all of its subdirectories.
- Create one output PDF document. Each page will contain one image from the input directory.
- Create one output PDF document. Each page will contain one image from the input directory and all of its subdirectories.

Select input directory that contains image files.

Step 4 - Select Input Image Directory



C:\Documents and Settings\Administrator\Desktop\input

Select output directory for the images in PDF format.

Step 5 - Select PDF Output Directory



C:\Documents and Settings\Administrator\Desktop\Output

Select PDF output properties.

Step 6 - Select PDF Output Properties

PDF Page Size: Letter



PDF Page Orientation:



Portrait



Landscape

Select PDF output image scaling.

Step 7 - Select PDF Output Image Scaling

Scale Images To Fit Page Size

Scale Images (100% = Original Size)

50 %

Do Not Scale Images

Assign optional PDF output file name to be used with -sd and -sds output modes.

Step 8 - Define PDF Output File Name

PDF output file name:

my drawings.pdf

Click the "Generate Script File" button to create your script file.

Step 9 - Generate Script File

Generate Script File

Step 5 (Optional) – Custom Deployment

For custom deployment always move aclimage2pdf.exe, license.rtf and itextsharp.dll to the same directory. Use absolute paths in your scripts or customize environment variables.

Step 6 (Optional) – Internet Information Services (IIS) Deployment

For custom deployment under IIS web server copy your existing XML configuration file and its directories

AdvancedReliableSoftware\AdvancedCommandLineImageToPdf\AdvancedCommandLineImageToPdf .xml

to one of the below folders, depending on your operating system.

Windows XP Professional

C:\Documents and Settings\[computer name]\ASPNET\My Documents

Important: Give ASPNET user account Full Control permission to the AdvancedCommandLineImageToPdf folder.

Windows Server 2003 or later

C:\Documents and Settings\Default User\My Documents

Important: Give Network Service user account Full Control permission to the AdvancedCommandLineImageToPdf folder.

Step 7 (Optional) – 64-bit Windows Operating Systems

On 64-bit Windows operating systems the application will be installed to

C:\Program Files (x86)\AdvancedReliableSoftware directory.

On 64-bit Windows operating systems use below path to execute the application:

"C:\Program Files (x86)\AdvancedReliableSoftware\
AdvancedCommandLineImageToPdf\aclimage2pdf.exe"