Advanced Command Line Image To PDF

Product Information Page:

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

XML configuration file AdvancedCommandLineImageToPdf.xml will be also created in the parent directory of aclimage2pdf.exe executable. This will be typically original installation directory or custom deployment directory.

Step 2 – Usage

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

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

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, 31 = ARCH E1

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

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" -mds "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, itextsharp.dll and AdvancedCommandLineImageToPdf.xml 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 always move aclimage2pdf.exe, license.rtf, itextsharp.dll and AdvancedCommandLineImageToPdf.xml to the same directory. Use absolute paths in your scripts or customize environment variables.