

Documentation of parameter filter settings for pdf2cad v9

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Version 9.0

Sample file of pdf2xxx.ini with the default values:

```
/* general */

/* size options */
insert_as(ANCHOR)
page_size(LETTER, 0.0, 0.0)
bboxmargin(0.0)
page_range()
rotate(0)

/* clipping/cropping functions */
clipping(1)
initclip(0)
cropping(0)

/* object on/off functions */
ignore_pathobjects(0)
ignore_textobjects(0)
ignore_imageobjects(0)

/* text strings functions */
chars2string(1)
chars2paths(0)
scaletext(1.0)

/* precision function */
ctm_scale(1.0)

/* path/pattern functions */
linecap(1)
linestyle(1)
minsize_image(500)
min_linewidth(0.0)

/* output file name functions */
digitspage_number(0)
firstpage_number(0)
pagedelimiter("-")
file_isdirname(0)

/* font handling functions */
font_warnings(1)
map_default_font("", NORMAL)
map_font("Courier", NORMAL, "Courier", NORMAL)
add_font("Arial", "Arial", "Arial-Roman.ps", NORMAL)
emulate_font("FontName")

/* error/warnings message functions */
messages_filename("c:\\temp\\tgclog")
```

```

/* DXF options */
dxf_whitefill(0)
dxf_unitspermm(1.0)
zero_linewidth(0)
dxf_path2poly(0)
dxf_layers(DXF_NOLAYERS)
dxf_colordashlines(0)
multipagedxf(SINGLE)
setflat(0.01)

/* Advanced DXF options */
path2to(PATH2ELLIPSE)
dashlines(0)
setdelta(0.1)
dxf_compoundpaths(1)
hidden_text(0)
dxf_fit(1)

```

Below you will find the description of the functions.

```

/* general */

insert_as(ANCHOR)
    If ANCHOR, the conversion engine computes and uses the bounding box of the
    drawing as dimensions.
    If PAGE, the conversion engine uses the page dimensions.
page_size(LETTER, 0.0, 0.0)
    str = LETTER      Pagesize is set to Letter Size.
    str = A4          Pagesize is set to A4
    str = CUSTOM      2nd and 3rd argument indicates the width and height of
                     the page in millimeters, these arguments are ignored in
                     case of LETTER and A4.
    str = AUTOMATIC   Conversion engine itself figures out
                     the page size.
    (default = LETTER)
bboxmargin(0.0)
    Extra white space around the drawing (default = 0.0)
page_range()
    If set only the pages specified in the page_range will be converted.
    For example page_range (4, 6): page 4, 5 and 6 will be converted
rotate(0)
    Rotate the drawing using the angle specified. Default = 0, no rotation.

clipping(1)
    Ignore clipping commands in PDF file during conversion
    (0) = ignore
    (1) = don't ignore (default)
cropping(0)
    If set to 1 the conversion engine emulates the PDF cropping command
    (default=0)
initclip(1)
    If set to 0 the initial page clip if set is ignored. (default=1)

ignore_pathobjects(0)

```

Ignore Path objects.
`ignore_textobjects(0)`
 Ignore Text objects.
`ignore_imageobjects(0)`
 Ignore Image objects

`chars2string(1)`
 Combine as many characters as possible into one text string if set to 1. Optimal if set to 2

`chars2paths(0)`
 If set to 1 all characters are represented as bezier curves. If set to 2 only the characters of unknown fonts.

`scaletext(1.0)`
 Scale height of the text strings

`ctm_scale(1.0)`
 In order to get higher precision of the coordinates, increase this value to 10.0

`linecap(1)`
 If set to 1, the conversion engine simulates the line-caps
 (default=1)

`linestyle(1)`
 Setting this value to 0, line-styles are rendered as small line segments in order to ensure 100% WYSIWYG.
 Default = 1.

`minsize_image(500)`
 Emulates PDF cropping of pattern fills in arbitrary shapes in target formats.
 Set to (0) if characters in PDF file are represented by bitmaps. Default = (500) is the maximum number of pixels of the pattern fill object.

`min_linewidth(0.0)`
 Defines the minimal line width in mm for each vector object (default = 0.0)

`digitspage_number(0)`
 Defines the number of digits used for the page number. 0 means no extra 0-digits.
 For example value set to 5 results in: page-00001, page-00002 etc. Default = 0.

`firstpage_number(0)`
 Defines the starting number for the pages. Default = 0.

`pagedelimiter("-")`
 The character specified as pagedelimiter is used when converting a Multipage PDF file. (Default is "-")

`font_warnings(1)`
 If set to 0 font warnings are suppressed.

`map_font("Courier", NORMAL, "Courier", NORMAL)`
 Mapping of fonts.
 Style can be NORMAL, BOLD, BOLDITALIC, ITALIC.

`emulate_font("FontName")`
 Characters with as fontname attribute "FontName" will be rendered as Bezier curves (emulated). Wildcards are allowed.

`messages_filename("c:\\temp\\tgcclog")`
 By default message are directed to standard out. With this function the messages can be directed to a file.

/* DXF options */

`dxfl_whitefill(0)`
In DXF white fills could should up as black fills, setting this Value to 0 will ignore all objects with white fills. (default = 0)

`dxfl_path2poly(0)`
If set to 1 paths are represented as polylines/polygons.

`dxfl_unitspermm(1.0)`
Scaling factor between the logical DXF units and mm. Default 1.0

`zero_linewidth(0)`
If set to 1, line weight of all objects are set to 0.0. Default 0.

`dxfl_layers(DXF_NOLAYERS)`
By default all objects are put on the same layer (0). If set to
DXF_COLORLAYERS - all objects with the same color are put on a separate DXF layer.
DXF_LINEWIDTHS - all objects with the same line width are put on a separate DXF layer
DXF_PDFLAYERS - the layer information in the PDF file is used
DXF_ADVCOLORLAYERS - all objects with the same spot/rgb/cmyk color are put on a
separate DXF layer

`dxfl_colordashlines(0)`
If set to 1 dashed lines are getting an hardcoded color

`multipagedxf(SINGLE)`
Option to convert a multipage PDF file to one DXF-file.
SINGLE – Each PDF page is converted to a DXF-file
MERGE – All pages are merged on top of each other into 1 single DXF-file
ADDH – All pages are rendered in horizontal direction next to each other
ADDV – All pages are rendered in vertical direction

`setflat(0.01)`
Sets the accuracy with which curved path segments are to be rendered as polylines/polygons.

/* Advanced DXF options */

`path2o(PATH2ELLIPSE)`
Using an intelligent recognition engine pdf2cad tries to recognize circles/ellipses out of closed polygon or path.

`dashlines(0)`
Recognition of dashed horizontal or vertical lines will make editing of these lines much easier. Instead of (many) small line objects, one line object is created in the resulting DXF file with a certain line-style attribute.

`setdelta(0.1)`
The Error tolerance value is used as a maximum error for points on the closed polygon or path and the calculated circle/ellipse. If the value for one of the points exceed the tolerance value the polygon or path is kept as object.

`dxfl_compoundpaths(1)`
To convert compound objects as single objects turn this option off.

`hidden_text(0)`
Hidden text in the PDF that is either transparent, covered up by other content, or the same color as the background. To convert the hidden text turn this option on.

`dxfl_fit(1)`
The Fit Drawing option on ensures that the drawing is completely visible when opening it in AutoCAD and other CAD packages.

```
/* DXF command line options */
```

```
dxf_text(MTEXT)
```

Specifies the text entity used when saving textstrings in DXF.
Other option is TEXT.

```
dxf_appl(AUTOCAD)
```

Specifies the DXF entities set used when generating the DXF file.
Certain CAD applications only support a subset of the DXF format.
Other option is CADRA.