

PDF Editor Toolkit user manual

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PDF Coordinate System

Before you can put any headers or text onto a PDF page, it's important that you understand the PDF Coordinate System. Adobe defines a PDF file as using "User" space where 72 units in user space is equal to 1 inch. An 8 1/2" x 11" piece of paper would therefore be 612 units by 792 units.

ORIGIN AND POSITIONING

The origin (0,0) of a PDF document is in the top left hand corner, with Y increasing downwards and X increasing to the right. See the figure below:



Main Features

- Specify page size
- Use Base 14 fonts and system fonts
- Use TrueType fonts
- Convert JPEGS to PDF
- Convert TIFFS to PDF
- 40-bit encryption
- 128-bit encryption
- Append to existing PDF file
- Add bookmarks
- Stamp PDFs with text and image
- Convert over 40 image types to PDF
- Supports bmp, dib, emf, gif, icon, jbig, jp2, jpeg, pcd, pcx, pict, png, pnm, psd, rle, tga, tiff, txt, wbmp, wmf, xbm and xpm formats
- Text2PDF object
- Output to file directly
- Set PDF summary information
- Images can be from memory or disk
- Set viewer preferences
- Handle millions of pages
- Arbitrary placement of images onto new PDF pages
- Specify page orientation, rotation (90,180,270)
- Specify compression
- Get image information

A PDF Editor Toolkit Quick Reference

very_id __stdcall **VeryCreate**(char *filename)
very_id __stdcall **VeryOpen**(char *filename)
void __stdcall **VeryClose**(very_id)
long __stdcall **VerySetFunction**(very_id, long code, long para1, long para2, char *para3, char *para4)
long __stdcall **VeryGetFunction**(very_id, long code, long para1, long para2, char *para3, char *para4)
long __stdcall **VeryAddInfo**(very_id, char *Title, char *Subject, char *Author, char * Keywords, char *Creator)
long __stdcall **VeryAddImage**(very_id, char *filename)
long __stdcall **VeryAddImageData**(very_id, char *data, long width, long height, long color)
long __stdcall **VeryAddTextEx**(very_id, long x, long y, char *string, long color)
long __stdcall **VeryAddText**(very_id, long x, long y, long width, long height, char *string, long color, long bkcolor, long lFormat)
long __stdcall **VeryAddTxt**(very_id, char *filename, long color, long PageWidth, long PageHeight, long AutoNewLine, long AutoWidthAdjust, long LeftMargin, long RightMargin, long TopMargin, long BottomMargin, long TabSize)
long __stdcall **VeryAddLine**(long id, long sx, long sy, long ex, long ey, long width, long color)
long __stdcall **VeryAddRect**(long id, long sx, long sy, long ex, long ey, long side_width, long side_color, long flagFill, long fill_color)
long __stdcall **VeryAddCircle**(long id, long x, long y, long radius, long side_width, long side_color, long flagFill, long fill_color)
long __stdcall **VeryAddEllipse**(long id, long sx_, long sy_, long ex_, long ey_, long side_width, long side_color, long flagFill, long fill_color)
long __stdcall **VeryAddPolygon**(long id, LPPOINT lpPoints, int nCount, long side_width, long side_color, long flagFill, long fill_color);
long __stdcall **VeryAddCurveTo**(long id, long sx_, long sy_, long x1, long y1, long x2, long y2, long x3, long y3, long side_width, long side_color)

Functions description

VeryCreate

very_id VeryCreate(char *filename)

Description

Create a PDF file.

Parameters

Filename

File name.

Return Value

Each of these functions returns a PDF File id for the Created file. A return value of 0 indicates an error, otherwise is succeed.

VeryOpen

very_id VeryOpen(char *filename)

Description

Open a PDF file for appends.

Parameters

Filename

File name.

Return Value

Each of these functions return a PDF File id for the opened file, A return value of 0 indicates an error, otherwise is succeed.

VeryClose

Void VeryClose(very_id id)

Description

Close the opened PDF file.

Parameters

Id

Returned by VeryCreate and VeryOpen functions.

Return Value

None

VeryAddImage

long VeryAddImage(very_id id, char *filename)

Description

Insert image file into an opened PDF file, supports bmp, dib, emf, gif, icon, jbig, jp2, jpeg, pcd, pcx, pict, png, pnm, psd, rle, tga, tiff, wbmp, wmf, xbm and xpm formats, this function also support multi-page TIFF file, if you want specify a page range in the multi-page TIFF file, you must call VerySetFunction (code = 101) to set the page range before you use this function, please refer to the VerySetFunction function for get more information.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

Filename

Image filename

Return Value

If this function return -1, indicate width or height large than 14400 pixel, A return value of 0 indicates an error, otherwise is succeed.

VeryAddImageData

long VeryAddImageData(very_id id, char *data, long width, long height, long color)

Description

Insert memory bitmap into PDF file.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

data

Bitmap bits.

width

Specifies the width of the bitmap, in pixels.

height

Specifies the height of the bitmap, in pixels.

color

Specifies the number of bits per pixel.

1 : The bitmap is monochrome

8 : The bitmap has a maximum of 256 gray colors

24 : The bitmap has a maximum of 2^{24} colors

Return Value

Nonzero if it is successful; otherwise, it is zero.

Remarks

The width of bitmap data must be aligning by 32 bits.

VeryAddTextEx

long VeryAddTextEx(very_id,long x,long y, char *string,long color)

Description

The **VeryAddTextEx** function writes a character string at the specified location, using the currently selected font, text color, if x = y = -1, indicate the text string will be drawing at current text position, default text position is (64, 64).

Parameters

Id

Returned by VeryCreate or VeryOpen function.

x

Specifies the logical x-coordinate of the reference point that the system uses to align the string, the x-coordinate will moved automatically.

y

Specifies the logical y-coordinate of the reference point that the system uses to align the string, the y-coordinate will moved automatically.

string

Pointer to the string to be drawn, this string may include “\n” symbol

color

Set text color, you may use RGB macro to combine this value.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddText

long VeryAddText(very_id,long x,long y, long width,long height, char *string, long color ,long bkcolor, long lFormat)

Description

The **VeryAddText** function writes a character string in the specified rectangle, using the currently selected font, text color.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

x

Specifies the logical x-coordinate of the reference point that the system uses to align the string, the x-coordinate will moved automatically.

y

Specifies the logical y-coordinate of the reference point that the system uses to

align the string, the y-coordinate will moved automatically.
width and height

Specifies rectangle width and height.

string

Pointer to the string to be drawn, this string may include “\n” symbol.

color

Set text color, you may use RGB macro to combine this value.

bkcolor

Set rectangle fill color, you may use RGB macro to combine this value.

If this value equal -1 then no fill color.

lFormat

Specifies the method of formatting the text. This parameter can be one or more of the following values.

0: Aligns text to the left.

1: Centers text horizontally in the rectangle.

2: Aligns text to the right.

16(hex: 10): Breaks words.

1024(hex: 400): Determines the width and height of the rectangle. **function** modifies the width and height. And returns the width and height of the formatted text **but does not draw the text.**

special call e.g. VeryAddText(id,x,y,(long)&width,(long)&height,
string,color,bkcolor, 1024)

2048(hex: 800): Auto calculate the width and height of string. and draw the text.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddTxt

long VeryAddTxt (very_id id, char *filename, long color , long PageWidth, long PageHeight, long AutoNewLine, long AutoWidthAdjust, long LeftMargin, long RightMargin,long TopMargin, long BottomMargin, long TabSize)

Description

Insert txt file into an opened PDF file, supports **.txt** format, this function support multi-page txt file.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

Filename

Text filename

Color

Text color

PageWidth, PageHeight

Specifies page size, the range is from 10 to 14400.

The PageWidth and PageHeight can use following values	
When PageWidth and PageHeight value	Page size
0	A3 (842,1190)
1	A4 (594,792)
2	A5 (421,595)
3	B5 (501,709)
4	Letter (612,792)
5	legal (612,1008)

AutoNewLine (1/0)

Line Auto-Newline, (enable / disable)=(1/0)

AutoWidthAdjust (1/0)

Page Width Auto-Adjust, (enable / disable)=(1/0)

LeftMargin,RightMargin,TopMargin,BottomMargin

Set page margin.

TabSize

Set Tab space size.

default is 4 if TabSize equal 0.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddLine

long VeryAddLine(very_id id,long sx,long sy,long ex,long ey,long width,long color)

Description

The **VeryAddLine** function draws a line from the (sx, sy) position up to (ex, ey), using the specified width and color.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

sx

Start x-coordinate.
sy
Start y-coordinate.
ex
End x-coordinate.
ey
End y-coordinate.
width
Specifies the line width in pixel.
Color
Specifies the color of the text as an RGB color value.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddRect

long VeryAddRect(very_id id,long sx,long sy,long ex,long ey, long side_width,long side_color,
long flagFill,long fill_color)

Description

Draw a rectangle.

Parameters

Id
Returned by VeryCreate or VeryOpen function.
sx
Start x-coordinate.
sy
Start y-coordinate.
ex
End x-coordinate.
ey
End y-coordinate.
side_width
Specifies the line width in pixel.
Side_color
Specifies the color of the text as an RGB color value.
flagFill
Whether fill this rectangle or not.
fill_color
The color used to fill the rectangle, in RGB format.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddCircle

long VeryAddCircle(very_id id, long sx, long sy, long radius, long side_width, long side_color, long flagFill, long fill_color)

Description

Draw a circle.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

sx

Start x-coordinate.

sy

Start y-coordinate.

radius

Specify the radius of the circle.

side_width

Specifies the line width in pixel.

Side_color

Specifies the color of the text as an RGB color value.

flagFill

Whether fill this rectangle or not.

fill_color

The color used to fill the rectangle, in RGB format.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddEllipse

long VeryAddEllipse(very_id id, long sx, long sy, long ex, long ey, long side_width, long side_color, long flagFill, long fill_color)

Description

Draw a Ellipse.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

sx

Start x-coordinate.

sy

Start y-coordinate.

ex

End x-coordinate.
ey
End y-coordinate.
side_width
Specifies the line width in pixel.
Side_color
Specifies the color of the text as an RGB color value.
flagFill
Whether fill this rectangle or not.
fill_color
The color used to fill the rectangle, in RGB format.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddPolygon

long VeryAddPolygon(very_id id, LPPOINT lpPoints, int nCount, long side_width, long side_color, long flagFill, long fill_color)

Description

Draws a polygon consisting of two or more points (vertices) connected by lines, please notice, you need draw a line from the last vertex to the first to close the path.

Parameters

Id
Returned by VeryCreate or VeryOpen function.
lpPoints
Points to an array of points that specifies the vertices of the polygon. Each point in the array is a POINT structure or a CPoint object.
nCount
Specifies the number of vertices in the array.
side_width
Specifies the line width in pixel.
Side_color
Specifies the color of the text as an RGB color value.
flagFill
Whether fill this rectangle or not.
fill_color
The color used to fill the rectangle, in RGB format.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddCurveTo

long VeryAddCurveTo(very_id id, long sx, long sy, long x1, long y1, long x2, long y2, long x3, long y3, long side_width, long side_color, long flagFill, long fill_color)

Description

Draw a curve.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

sx

Start x-coordinate.

sy

Start y-coordinate.

x1,y1,x2,y2,x3,y3

Specify the control points of curve.

side_width

Specifies the line width in pixel.

Side_color

Specifies the color of the text as an RGB color value.

flagFill

Whether fill this rectangle or not.

fill_color

The color used to fill the rectangle, in RGB format.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryAddInfo

long VeryAddInfo(very_id id, char *Title, char *Subject, char *Author, char *Keywords, char *Creator)

Description

Set PDF file informations.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

Title

Set title to PDF file, it may equal NULL.

Subject

Set subject to PDF file, it may equal NULL.

Author

Set author to PDF file, it may equal NULL.

Keywords

Set Keywords to PDF file, it may equal NULL.

Creator

Set Creator to PDF file, it may equal NULL.

Return Value

Nonzero if it is successful; otherwise, it is zero.

VerySetFunction

long VerySetFunction(very_id id, long code, long para1, long para2, char *para3, char *para4)

Description

Set some options before you use some special functions.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

code

Specifies the function index, this parameter must be one of the following values.

#define Very_Set_MultiPage	101
#define Very_Set_ImagePosAndSize	104
#define Very_Set_Encrypt	105
#define Very_Set_Font	106
#define Very_Set_NewOrClosePage	109
#define Very_Set_BookMark	110
#define Very_Set_ViewerPreferences	121
#define Very_Set_PageOrientation	122
#define Very_Set_Line_Dash	123
#define Very_Set_Line_Flat	124
#define Very_Set_Line_Join	125
#define Very_Set_Line_Cap	126
#define Very_Set_Line_MiterLimit	127
#define Very_Set_Link_BoderStyle	128
#define Very_Set_Link_BoderDash	129
#define Very_Set_Link_Web	130
#define Very_Set_Link_Local	132
#define Very_Set_Text_Matrix	133
#define Very_Set_Text_Leading	134
#define Very_Set_Text_Rise	135
#define Very_Set_Text_HorizScaling	136
#define Very_Set_Text_Rendering	137
#define Very_Set_Text_CharSpace	138
#define Very_Set_Text_WordSpace	139

Code = 101 (Set multi-page options)

Set multi-page options, this code can be used before call VeryAddImage function.

para1

Begin page number.

para2

Page count from "para1", if para1 and para2 all equal 0, the page range will be reset to default setting (from first to last page).

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 104 (Set image options)

Set image x, y, width and height options in PDF page, if the width and height not equal image original information, this image will be stretched automatically,, this code can be used before call VeryAddImage and VeryAddImageData function.

Para1

X position

Para2

Y position

Para3

Specifies the bitmap width, in pixels, e.g. Para3 equal "200".

Para4

Specifies the bitmap height, in pixels, e.g. Para4 equal "200".

Remarks

if para3 and para4 equal 0 then keep image original size.

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 105 (Set encrypts info)

Set encrypts information; this code should be used as soon as after call the VeryCreate function.

Para1

Encryption Level, it will equal 40 or 128, indicate 40-bit RC4 or 128-bit RC4.

Para2

Document permissions

Bit1: 1 allows printing, 0 is not.

Bit2: 1 allows content copying or extraction disable accessibility.

Bit3: 1 allows changing the document, 0 is not.

Other Bits ignored.

Para3

Owner password, it may equal NULL

Para4

Open document password, it may equal NULL

The encryption setting will be restored if para1 para2 para3 para4 all equal 0.

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 106 (Set font info)

Set font name and font size, this code can be used before call VeryAddText and VeryAddTextEx and VeryAddText function, this function also support system fonts.

Para1

Font codes, see following table

Para1	Font name
100	Times-Roman
101	Times-Bold
102	Times-Italic
103	Times-Bold-Italic
200	Courier
201	Courier-Bold
202	Courier-Oblique
203	Courier-Bold-Oblique
300	Helvetica
301	Helvetica-Bold
302	Helvetica-Oblique
303	Helvetica-Bold-Oblique
400	Symbol

font code table (table one)

If Para1 equal 1 then use system font, while parameters Para3 specify system font name, incorrect system font will lead abnormality.

Para2

Font size

Para3

Specify system font name if Para1 equal 1, otherwise ignore.

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 109 (Create or close page.)

Create a blank page or close current page, this code can be used before call the VeryAddImage, VeryAddImageData, VeryAddText, VeryAddTextEx, VeryAddRect, VeryAddLine etc. functions, but if necessary, you also needn't create a page before call above functions, the system will create a blank page automatically.

Para1 and para2

Specify a new page size.

para1=para2=1 : A3

para1=para2=2 : A4

para1=para2=3 : A5

para1=para2=4 : B5

para1=para2=5 : letter

para1=para2=6 : legal

The para1 is page width and para2 is height, you can specify any value in pixels, the range is from 10 pixels to 14400 pixels.

If para1 = para2 = 0, current page will be closed.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 110 (Add bookmark)

Add a bookmark into current page.

Para1

Parent bookmark.

Para2

Ignore

Para3

Bookmark content.

Para4

Ignore

Return Value

An identifier for the bookmark just generated. This identifier may be used as the parent parameter in subsequent calls.

Code = 121 (Set viewer preferences)

Set viewer preferences.

Describe one:

A name object specifying how the document should be displayed when opened.

Parameter: para1 equal:

1: Document outline and thumbnail images are invisible.

2: Document outline is visible.

4: Thumbnail images are visible.

8: Full-screen mode, this mode will hide menu bar, toolbar, and any other windows.

Describe two:

Specify an action to be performed when the document is opened.

Parameter: para1 equal:

64(hex: 40): Display the page designated with its contents magnified just enough to fit the entire page within the window both horizontally and vertically. If the required horizontal and vertical magnification factors are different, use the smaller of the two, centering the page within the window in the other dimension.

128(hex: 80): Display the page designated with the vertical coordinate top positioned at the top edge of the window and the contents of the page magnified just enough to fit the entire width of the page within the window.

256(hex: 100): Display the page designated with the horizontal coordinate left positioned at the left edge of the window and the contents of the page magnified just enough to fit the entire height of the page within the window.

512(hex: 200): Display the page designated with its contents magnified just enough to fit its bounding box entirely within the window both horizontally and vertically. If the required horizontal and vertical magnification factors are different, use the smaller of the two, centering the bounding box within the window in the other dimension.

Describe three:

A viewer preference specifying the way the document is to be displayed on the screen.

Parameter: para1 equal:

4096(hex: 1000): A flag specifying whether to hide the viewer application's tool bars when the document is active.

8192(hex: 2000): A flag specifying whether to hide the viewer application's menu bar when the document is active.

16384(hex: 4000): A flag specifying whether to hide user interface elements in the document's window (such as scroll bars and navigation controls), leaving only the document's contents displayed.

32768(hex: 8000): A flag specifying whether to resize the document's window to fit the size of the first displayed page.

65536(hex: 10000): A flag specifying whether to position the document's window in the center of the screen.

131072(hex: 20000): A flag specifying whether the window's title bar should display the document title taken from the document information.

para2

Specifies a destination page to be displayed.

para3

Ignore

para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 122 (Choose page orientation)

Choose page orientation.

para1

Specify page rotation angle, (90,180,270).

para1=90 , page landscape left.

para1=180, page reverse direction.

para1=270, page landscape right.

para2

Ignore

Para3

Ignore

Para4



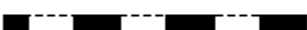

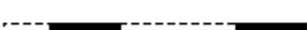

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 123 (Set Line Dash)

Specifies the dash parameter for the line.

Dash pattern	Array and phase	Description
	[] 0	Turn dash off—solid line
	[3] 0	3 units on, 3 units off, ...
	[2] 1	1 on, 2 off, 2 on, 2 off, ...
	[2 1] 0	2 on, 1 off, 2 on, 1 off, ...
	[3 5] 6	2 off, 3 on, 5 off, 3 on, 5 off, ...
	[2 3] 11	1 on, 3 off, 2 on, 3 off, 2 on, ...

para1 (Black units)

para2 (White units)

The number of alternating black and white units, para1 and para2 must be non-negative numbers, In order to produce a solid line, set para1 = para2 = 0.

Para3

Ignore

Para4

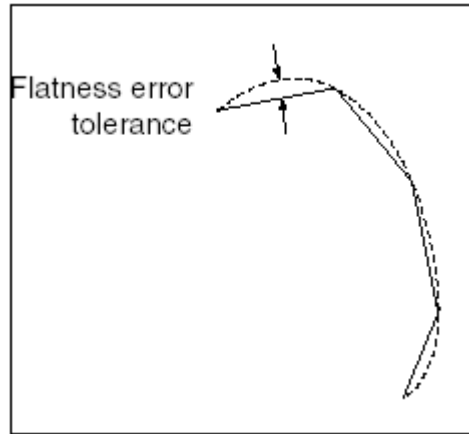
Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 124 (Set Line Flat)

Specifies the flat parameter for the line.



para1 (flatness)

A positive number which describes the maximum distance (in device pixels) between the path and an approximation constructed from straight line segments.

para2

Ignore

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 125 (Set Line Join)

Specifies the join parameter for the line.

para1

Specifies the shape at the corners of paths that are stroked.



Para1= 0



Para1= 1



Para1= 2

para2

Ignore

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 126 (Set Line Cap)

Specifies the cap parameter for the line.

para1

Specifies the shape at the end of paths that are stroked.

 Para1 = 0

 Para1 = 1

 Para1 = 2

para2

Ignore

Para3

Ignore

Para4

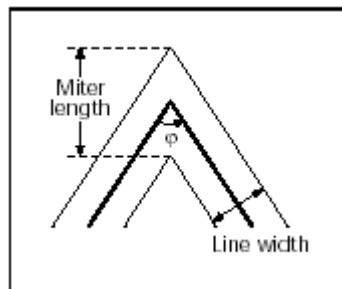
Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 127 (Set Line Miter Limit)

Specifies the miter limit parameter for the line.



para1

A value greater than or equal to 1 that controls the spike produced by miter joins.

para2

Ignore

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 128 (Set Link Border Style)

Specifies the border parameter for the links.

para1

0: Solid line.

1: Dashed line.

para2

Specify width for the border.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 129 (Set Link Border Dash)

Specifies the border dash parameter for the links, this option only available when you use the dashed line (Code = 128 and para1 = 1).

para1 (Black units)

para2 (White units)

The number of alternating black and white units, para1 and para2 must be non-negative numbers, In order to produce a solid line, set para1 = para2 = 0.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 130 (Set Link Web)

Set the URL for the link.

para1

The links color.

para2

Ignore.

Para3

The rectangle for the link, ""left, top, right, bottom"", for example, ""100,100,200,200"".

Para4

It point to a web URL.

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 132 (Set Link Local)

Set the page number for the link.

para1

The links color.

para2

The target page number of this link will jump to.

Para3

The rectangle for the link, ""left, top, right, bottom"", for example, ""100,100,200,200"".

Para4

The style for the target page, it can be use one of following values:
 “retain”, “fitpage”, “fitwidth”, “fitheight”, “fitbbox”.

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 133 (Set Text Matrix)

Set the text matrix parameter.

para1

Ignore.

para2

Ignore.

Para3

The matrix parameter, “m0,m1,m2,m3,m4,m5”,the default text matrix is, “1,0,0,1,0,0”. For example,

```
~~~~~
// A rotation of 30 degrees.
float angle = 30.0;
float rad = float(angle / 180 * 3.141592); // Calculate the radian value.
char szTextMatrix[200];
sprintf(szTextMatrix,"%f,%f,%f,%f,%f,%f",cos(rad), sin(rad), -sin(rad),
cos(rad), 0.0, 0.0);
VerySetFunction(id,Very_Set_Text_Matrix,0,0,szTextMatrix,0);
~~~~~
```

Para4

Ignore

Return Value

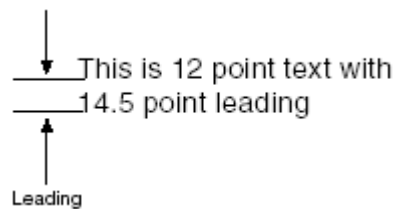
Nonzero if it is successful; otherwise, it is zero.

Code = 134 (Set Text Leading)

Set the text leading parameter.

para1

Text leading.



para2

Ignore.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 135 (Set Text Rise)

Set the text rise parameter.

para1

Text rise.

This text is ^{superscripted}	(This text is) Tj 5 Ts (superscripted) Tj
This text is _{subscripted}	(This text is) Tj -5 Ts (subscripted) Tj
This ^{text} _{moves} around	(This) Tj -5 Ts (text) Tj 5 Ts (moves) Tj 0 Ts (around) Tj

para2

Ignore.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 136 (Set Text Horizontal Scaling)

Set the text horizontal scale parameter.

para1

The text horizontal scale option, the default is 100.

Word	100 (default)
WordWord	50

para2

Ignore.

Para3

Ignore

Para4

Ignore

Return Value








Nonzero if it is successful; otherwise, it is zero.

Code = 137 (Set Text Rendering)

Set the text rendering parameter.

para1

Set text render mode.

	Rendering mode	Description
	0	Fill text
	1	Stroke text
	2	Fill then stroke text
	3	Text with no fill and no stroke (invisible)
	4	Fill text and add it to the clipping path
	5	Stroke text and add it to the clipping path
	6	Fill then stroke text and add it to the clipping path
	7	Add text to the clipping path

para2

Ignore.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 138 (Set Text Char Space)

Set the char space parameter.

para1

The value for char space, default is 0.

Character	0 (default)
C h a r a c t e r	0.25

para2

Ignore.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

Code = 139 (Set Text Word Space)

Set the char space parameter.

para1

The value for char space, default is 0.

Word Space	0 (default)
Word Space	2.5

para2

Ignore.

Para3

Ignore

Para4

Ignore

Return Value

Nonzero if it is successful; otherwise, it is zero.

VeryGetFunction

long VeryGetFunction(very_id id, long code, long para1, long para2, char *para3, char *para4)

Description

Get special information from the setting.

Parameters

Id

Returned by VeryCreate or VeryOpen function.

Code

Specifies the function index, this parameter must be one of the following values

#define Very_Get_ImagePageCount	201
#define Very_Get_ImageSizeW	202
#define Very_Get_ImageSizeH	203
#define Very_Get_ImageDpiX	204
#define Very_Get_ImageDpiY	205
#define Very_Get_PdfPageCount	206
#define Very_Get_PdfCurrentPageSize	209
#define Very_Get_StringWidth	250
#define Very_Get_StringHeight	251

Code = 201 (Get image page count)

Get page count from specify image file.

Para1

Ignore

Para2

Ignore

Para3

Image filename

Para4

Ignore

Return Value

Page number in this image file, 0 is failed

Code = 202 (Get image width)

Get images width and height.

Para1

[Out parameters] save images width, it may equal NULL

usage: (long)& width if width is variable

(long) width if width is pointer

Para2

[Out parameters] save images height, it may equal NULL

usage: (long)&height if height is variable

(long)height if height is pointer

Para3

Image filename

Para4

Specifies image file page number, e.g. first page is '1', it may equal NULL

Return Value

Image **width** if it is successful; otherwise, it is zero.

Code = 203 (Get image height)

Get images width and height.

Para1

[Out parameters] save images width, it may equal NULL

usage: (long)& width if width is variable

(long) width if width is pointer

Para2

[Out parameters] save images height, it may equal NULL

usage: (long)&height if height is variable

(long)height if height is pointer

Para3

Image filename

Para4

Specifies image file page number, e.g. first page is '1', it may equal NULL

Return Value

Image **height** if it is successful; otherwise, it is zero.

Code = 204 (Get images DPI x-resolution)

Get images DPI resolution

Para1

[Out parameters] save images DPI x-resolution, it may equal NULL

usage: (long)& xdpi if xdpi is variable
(long) xdpi if xdpi is pointer

Para2

[Out parameters] save images DPI y-resolution, it may equal NULL

usage: (long)& ydpi if ydpi is variable
(long) ydpi if ydpi is pointer

Para3

Image filename

Para4

Specifies image file page number, e.g. first page is '1', it may equal NULL

Return Value

Image DPI x-resolution if it is successful; otherwise, it is zero.

Code = 205 (Get images DPI y-resolution)

Get images DPI resolution

Para1

[Out parameters] save images DPI x-resolution, it may equal NULL

usage: (long)& xdpi if xdpi is variable
(long) xdpi if xdpi is pointer

Para2

[Out parameters] save images DPI y-resolution, it may equal NULL

usage: (long)& ydpi if ydpi is variable
(long) ydpi if ydpi is pointer

Para3

Image filename

Para4

Specifies image file page number, e.g. first page is '1', it may equal NULL

Return Value

Image DPI y-resolution if it is successful; otherwise, it is zero.

Code = 206 (Get PDF page count)

Get PDF file page count.

Para1

Ignore

Para2

Ignore

Para3

Ignore

Para4

Ignore

Return Value

Page count if it is successful; otherwise, it is zero.

Code = 209 (Get PDF current page size)

Get PDF file current page size.

Para1

[Out parameters] save page width, it may equal NULL

usage: (long)& width if width is variable
(long) width if width is pointer

Para2

[Out parameters] save page height, it may equal NULL

usage: (long)& height if height is variable
(long) height if height is pointer

Para3

If Para3 equal "width" or NULL then return value is page width.

If Para3 equal "height" then return value is page height.

Para4

Ignore

Return Value

Page width or height if it is successful; otherwise, it is zero.

Code = 250 (Get string width)

Get string width with indicate font and size.

Para1

Specifies the font name index, see font code table (table one).

Use current font name if para1 equal 0.

Para2

Font size.

Use current font size if para2 equal 0.

Para3

Indicate string.

Para4

Ignore

Return Value

String width if it is successful; otherwise, it is zero.

Code = 251 (Get string Height)

Get string Height with indicate font and size.

Para1

Specifies the font name index, see font code table (table one).

Use current font name if para1 equal 0.

Para2

Font size.

Use current font size if para2 equal 0.

Para3

Indicate string.

Para4

Ignore

Return Value

String Height if it is successful; otherwise, it is zero.

Examples

Please refer to the “create_for_VC”, “create_for_VB”, “append_for_VC”, “append_for_VB” etc. directories.

Contact

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