

DEFINE OPTION SPECIFICATIONS

Options Specs are used by other tasks to create a PDF. They specify options and default values to use when creating a PDF file.

The default specification, *DFT is shipped with the software. It can be changed by the Administrator but not deleted.

Select F6 to add a new Specification. Enter the name of the Spec to create and press ENTER. The following screen should appear:

```
Spool PDF Overlay/400          ADD          11/06/09
Define Option Specs            10:16:46

Name:  Spec1

Page Method:  *SPLFILE        (*SPLFILE, *TGTSIZE)
Page Length/Width:  11.000    8.500
Unit of Measure:  *INCH        (*INCH, *CM)
Rotate Column:  80
Font Global ID:  11    Point Size:  12.000
Allow Font Substitution:  Y        (Y, N)
Overlay Margin Top/Left:  .00000  .00000
EBCDIC/ASCII CCSID:  0    0    (0=Default, 1-65535)
Display page rotate:  999        (0, 90, 180, 270, 999=Calc)
SCS Margins (T/B/L/R):  .500    .500    .500    .500    (Inches)
Descriptive Text:  My Options Spec

Barcode Defaults
Wide/Narrow Ratio:  25
Module Width:  13
Color:  000000FF
Font FGID:  2305
Font Point Size:  .000

F3=Exit    F12=Cancel Current Operation
```

The above parameters have the following definitions:

Page Method

Specifies, for Device Type *SCS spool entries, the method to use when calculating the page length and width. Specify one of the following:

***SPLFILE:** The attributes retrieved from the spool entry are used to determine the page size.

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***TGTSIZE:** The page length and width is determined by the length and width parameters below.

This parameter is ignored for *AFPDS spool entries. The Page Length, Page Width, Unit of Measure, and Rotate Column fields will be ignored if *SPLFILE is used.

Page Length

Specifies, for page method *TGTSIZE, the page length in inches or centimeters (see below). This parameter is ignored for *AFPDS spool entries.

Page Width

Specifies, for page method *TGTSIZE, the page width in inches or centimeters (see below). This parameter is ignored for *AFPDS spool entries.

Unit of Measure

Specifies, for page method *TGTSIZE, the unit of measure to use to calculate the Page Length and Page Width attributes. Select one of the following:

***INCH:** The UOM is inches.

***CM:** The UOM is centimeters.

Page Rotate Column

Specifies, for page method *TGTSIZE, the page minimum page width that will cause the page to be rotated 90 degrees. For example, if 80 is specified and the spool entry's page width is 132 columns, the page will be rotated 90 degrees when the PDF is generated.

Font Global ID

Specifies the default Font Global ID (FGID) to use. Specify a number from 1 to 65535.

The FGID scheme was set up by IBM to uniquely identify a font typestyle and size. The FGID's specified size may be overridden by other attributes. FGID information is contained in various IBM publications. For example, Refer to "Printing V" Appendix D for more information at :

<http://publib.boulder.ibm.com/infocenter/iseres/v5r3/topic/books/sc415713.pdf>

Font Point Size

Specifies the font's point size. This value may be overridden by other spool entry attributes. Specify zero to set this FGID's point size as unspecified. If unspecified, the point size value will be calculated from CPI and LPP values.

Allow Font Substitution

Specifies the action to take if a font referenced in a spool entry cannot be found, either in the OS/400 library system (i.e. CDEFONT objects) or Spool PDF Overlay/400 specs (i.e. FGID Spec). Specify one of the following:

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Y: Another font will be substituted. The Font Substitution Table will be referenced or the Default FGID will be used.

N: No substitution will be attempted. An escape message will be sent to the calling program, causing a function check if not monitored.

Overlay Margin Top and Left

Specifies, using the Unit of Measure specified above, the top and left margins to use when positioning overlays on the page. Some AFP printers have settings that allow users to specify a margin, which only applies to overlays and not to text. Specify a number between 0 and 99, up to 5 decimal places. Specifying margin values will shift the overlay down and right on the page.

Display Page Rotate

Specifies the amount to rotate the page when displaying the page using Adobe's Acrobat Reader or other PDF display apps. This allows the user to be able to easily read a page that is rotated when printed. This value does not affect the rotation performed when the page is printed on a printer. Select one of the following:

999 (calc): Calculate the rotate amount and adjust the displayed output accordingly.

0, 90, 180, or 270: Specifies the amount (clockwise) to rotate the output when it is displayed.

SCS Margins (Top, Bottom, Right and Left)

Specifies, in inches, the top, bottom, right and left margins to use when positioning SCS text on the page. Some AFP printers have settings that allow users to specify a margin, which only applies to SCS text. Specify a number between 0 and 99, up to 3 decimal places. Note: Use the Left and Bottom values to move the text right/left or up/down.

Descriptive Text

Specify up to 50 characters of text that describes the Specification.

Barcode Defaults

Wide/Narrow Ratio

Specifies the wide entry - narrow entry width ratio to use if the value is not specified by the barcode application. Specify a non-zero integer. The ratio value will be calculated by assuming a decimal point after the first digit. For example, 2345 will be interpreted as 2.345. The calculated value must be between 2.0 and 3.0.

Module Width

Specifies the module width if the value is not specified by the application. The module width is the width of narrowest bar or space. All other bars or spaces are multiple of this width. Specify a value in thousands of an inch. For example, a value of 23 will be interpreted .023 inch

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Note: Some printers may require the module width to be within certain parameters to insure quality output. Check with the manufacturer for more information.

Color

Specifies the color to use when printing barcodes if the value is not specified by the barcode application. Specify 8 hex digits, representing 4 CMYK components between 0 and 255. For example, specify 0000FF for black, 00FF0000 for Magenta.

Font FGID

Specifies the font FGID to use when printing barcodes if the value is not specified by the barcode application. Specify an integer, or zero to use the spool entry default.

Font Point Size

Specifies the font point size to use when printing barcodes if the value is not specified by the barcode application. Specify a number, or zero to use the spool entry default.