

DEFINE FILE FORMAT SPECIFICATIONS

E-mail utilities allow the user to format output into popular standards such as Adobe PDF. These standards are complex. Placing all available options on the E-mail utilities commands would make them unmanageable. To prevent this, E-mail Utilities places many options in specifications and refers to these specs by name.

CSV /TSV Specifications

E-Mail sent by E-mail Utilities can be placed into Spreadsheet and Database applications. E-mail Utilities supports Part Types CSV (Comma Separated Values) and TSV (Tab Separated Values), which can be loaded or imported by most PC Spreadsheet and Database applications.

E-mail Utilities' spool entry commands use CSV/TSV specifications. Since CSV is a row-column oriented format, the administrator must think of the spool entry's page as columns of data. For each column, the administrator determines the type (character or numeric), and the start/end columns on the page. Up to 30 columns can be specified.

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

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E-mail Utilities						ADD	5/06/00	
Define E-Mail CSV/TSV Specifications							10:16:46	
Name: CSV1								
From Line: _____			To Line: _____					
Text: _____								
Type	FromCol	ToCol	Type	FromCol	ToCol	Type	FromCol	ToCol
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
__	__	__	__	__	__	__	__	__
Starting Page: _____ 1								
Generate Headings: <u>*NO</u>						*NO, *ONCE, *ALL		
From Line: <u>1</u>			To Line: <u>66</u>					
F3=Exit F12=Cancel Current Operation								

The above parameters have the following definitions:

From/To Line

Specifies the line range to include. Only print lines that fall within this range will be included in the CSV file.

Text

Specify up to 30 characters of text that describes the Specification.

Type

Specifies the type of data to create. Specify one of the following:

- C:** (Character) the column will be character data. Trailing blanks will be truncated.
- N:** (Numeric) the column will be numeric data. Editing characters such as commas will be removed. An all-blank value will be treated as zero. Negative numbers can be specified as leading minus, trailing minus, trailing CR, or enclosed in parentheses.

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Starting Page

Specifies the starting page. This option allows you to skip initial pages such as Specifications pages that do not contain wanted data.

Generate Headings

Specifies if Headings are to be placed into the output. If specified, the same columns specified for the data columns will be used to build the heading lines. Note that heading cells will always be character. If Generate Headings is specified, you will specify From and To lines. Specify one of the following:

*NO: No headings will be generated.

*ONCE: Heading lines will be generated before the first page's data lines are generated.

*ALL: Heading lines will be generated before each page's data lines are generated.

From/To Line

Specifies the line range to include as Headings. Only print lines that fall within this range will be included.

PDF Specifications

E-mail Utilities can generate output in **PDF** format. **PDF** is a format developed by Adobe Systems Inc. and can be read by their Acrobat readers on PC's. Options that control the appearance of the **PDF** output are contained in **PDF** Specifications.

Please note: **PDF** keywords are not fully syntax checked by E-mail Utilities. The administrator should test the generated output. For more information on **PDF** keywords and their valid values, refer to an Adobe **PDF** reference manual.

Press **F6** to enter new specifications and enter a unique name. The following screen will appear:

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Spec: P1	E-mail Utilities™	10/20/10
	Define PDF Specs	15:06:31
Font Keywords:		
Font ID:	<u>Courier</u>	
Font Size:	<u>.000</u>	
Page Keywords		
Measure Method:	<u>*TGTSIZE</u>	(*TGTSIZE, *SPLFILE)
Width:	<u>8.500</u>	
Length:	<u>11.000</u>	
Rotate Column:	<u>80</u>	
Spool PDF Overlay/400 Spec Name: <u>*NONE</u>		
Compress Page Data:	<u>*YES</u>	(*YES, *NO)
Descriptive Text:	<u></u>	
F3=Exit F12=Cancel Current Operation		

Font ID

Specifies the Font **ID** to use. E-mail Utilities uses the Type1 Base Fonts when generating **PDF** output. Select from one of the following Adobe Type1 Base Fonts:

- + Courier
- + Courier-Bold
- + Courier-BoldOblique
- + Courier-Oblique
- + Helvetica
- + Helvetica-Bold
- + Helvetica-BoldOblique
- + Helvetica-Oblique
- + Times-Roman
- + Times-Bold
- + Times-Italic
- + Times-BoldItalic
- + Symbol
- + ZaphDingbats

Font Size

Specifies the size of the font in points. Specify a point size or the following:

0: E-mail Utilities will calculate the font point size based on page width and characters per line values.

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Measure Method:

Specifies how E-mail Utilities will calculate the page size. Most AS/400 output is generated to print on 14 by 11 inch paper, and most PC printers are 8.5 by 11 inches. E-mail Utilities can convert the output size if desired. Specify one of the following:

***TGTSIZE:** The size of the target system's paper (specified below) will be used to calculate the page size.

***SPLFILE:** The spool file's attributes will be used to calculate the page size.

Width:

Specifies, if *TGTSIZE is specified above, the Page Width in inches.

Length:

Specifies, if *TGTSIZE is specified above, the Page Length in inches.

Rotate Column:

Specifies if E-mail Utilities is to rotate output 90 degrees and print in landscape mode. If the spool entry's characters per line attribute is greater than the specified value the output page size will be rotated 90 degrees so that the spool entry will print in landscape mode.

Spool PDF Overlay/400 Spec Name:

Specifies, for Adobe PDF files, if the Spool PDF Overlay/400™ Product will be used to create the PDF file. Spool PDF Overlay/400 is a separate product from BDS that supports Overlays, Images, and multiple Fonts. It must be installed on your machine in order to use this feature. Spool PDF Overlay/400 options will override any PDF options specified in E-mail Utilities. Specify one of the following:

***NONE:** Specifies that Spool PDF Overlay/400 will not be used to create the PDF file.

name: Specifies the Spool PDF Overlay/400 Options Spec name to use. The Options Spec must have been created in the Spool PDF Overlay/400 product. Refer to the Spool PDF Overlay/400 documentation for more information on available features and options.

***DFT:** Specifies the default Spool PDF Overlay/400 Options Spec will be used.

Compress Page Data:

Specifies, for Adobe PDF files, if internal page data will be compressed using the FLATE algorithm. Compressing page data can greatly reduce the size of the output PDF file. Specify one of the following:

***YES:** Page data will be compressed.

***NO:** Page data will not be compressed.

Text

Specify up to **30** characters of descriptive text.

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HTML Specifications

E-mail Utilities can generate output in **HTML** format. Options that control the appearance of the **HTML** output are contained in **HTML Specifications**.

Please note: **HTML** keywords are not fully syntax checked by E-mail Utilities. The administrator should test the generated output. For more information on **HTML** keywords and their valid values, refer to an **HTML** reference manual.

Press **F6** to enter new specifications and enter a unique name. The following screen will appear:

Spec: H1	E-mail Utilities™	10/20/00
	Define HTML Specs	15:06:31
General Keywords:		
Title:	_____	==
Content Type:	text/html	==
Character Set:	iso-8859-1	==
Meta Keywords:		
Keywords:	_____	==
Title:	_____	==
Body Keywords:		
Text Color:	_____	==
Backgr Color:	_____	==
Font Keywords:		
Family:	_____	==
Style:	_____	==
Variant:	_____	==
Weight:	_____	==
Size:	_____	==
Descriptive Text:	_____	==
F3=Exit F12=Cancel Current Operation		

General Keywords

Title

Specifies the *title* keyword, used to give the web page a title. Specify a value or spaces for none.

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Meta Keywords

Content Type

Specifies the values placed on the META *content-type* .keyword. For most installations, text/html is recommended. Specify a value or spaces for none.

Note: If Content Type is non-blank, Character Set must be non-blank.

Character Set

Specifies the values placed on the META *character-set* .extension of the *content-type* keyword. For most installations, iso-8859-1 is recommended. Specify a value or spaces for none.

Note: If Character Set is non-blank, Content Type must be non-blank.

Keywords

Specifies the Meta *keywords* keyword, used to assign search keywords to the web page. Specify values separated by commas, or spaces for none.

Title

Specifies the Meta *title* keyword, used to assign a title to the web page. Specify a value, or spaces for none.

Body Keywords

E-mail Utilities generates an imbedded style sheet in the **HEAD** section of the web page. A **BODY** subsection is added to the style sheet, which will make the attributes specified here valid for the entire web page. For more information, refer to Style Sheets in an **HTML** reference manual. The following keywords are placed into the *Body* subsection of the style sheet. **Please note:** that the Font Keywords listed below are also placed into the *Body* subsection of the style sheet.

Text Color

Specifies the *color* keyword, used to assign the color of typed text. Specify a value, or spaces for none.

Background Color

Specifies the *bcolor* keyword, used to assign the color of the background. Specify a value, or spaces for none.

Font Keywords

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The following keywords are part of the font family of keywords and are placed into the **Body** subsection of the style sheet.

Family

Specifies the *font-family* keyword. Specify a value, or spaces for none. Some examples of font families are:

Times New Roman
Courier

Style

Specifies the *font-style* keyword. Specify a value, or spaces for none. Some examples of font styles are:

italic
oblique

Variant

Specifies the *font-variant* keyword. Specify a value, or spaces for none. Some examples of font variants are:

Small-caps

Weight

Specifies the *font-weight* keyword. Specify a value, or spaces for none. Some examples of font weights are:

bold
lighter

Size

Specifies the *font-size* keyword. Specify a value, or spaces for none. Some examples of font sizes are:

xx-small
medium
12pt

Text

Specify up to **30** characters of descriptive text.