



System i
Programming
Advanced Function Printing Utilities commands

Version 6 Release 1





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Note

Before using this information and the product it supports, be sure to read the information in "Notices," on page 39.

This edition applies to version 6, release 1, modification 0 of IBM Advanced Function Printing Utilities (product number 5761-AF1) and to all subsequent releases and modifications until otherwise indicated in new editions. This version does not run on all reduced instruction set computer (RISC) models nor does it run on CICS models.

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Contents

Convert Overlay to PFM (CVTOVLPM)	1	Print PFD Data (PRTPFDDTA)	23
Convert Page Segment to PFM (CVTPAGSPFM)	5	Start AFP Utilities (STRAFPU)	29
Convert PCD to Page Segment (CVTPCDPAGS)	9	Start Overlay Utility (STROVLU)	31
Convert PFM to Page Segment (CVTPFMPAGS)	15	Start Print Format Utility (STRPFU)	35
		Appendix. Notices	39

Convert Overlay to PFM (CVTOVLPFM)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

Convert Overlay to PFM

This command allows you to convert an overlay to a member in a physical database file.

Error messages for CVTOVLPFM

*ESCAPE Messages

AFP0010

An error occurred.

Top

Parameters

Keyword	Description	Choices	Notes
OVL	Overlay	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Overlay	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
DTAFMT	Format of data	*FIXED, *CONTINUOUS	Required, Positional 2
FILE	To file	<i>Qualified object name</i>	Required, Positional 3
	Qualifier 1: To file	<i>Name, *VM, *MVS</i>	
	Qualifier 2: Library	<i>Name, *CURLIB</i>	
MBR	To member	<i>Name, *OVL</i>	Optional, Positional 4
TEXT	Text 'description'	<i>Character value, *OVLTXT</i>	Optional
REPLACE	Replace	*YES, *NO	Optional
CRTFILE	Create file	*YES, *NO	Optional
FILETEXT	Text 'description'	<i>Character value, *BLANK</i>	Optional

Top

Overlay (OVL)

Specifies the qualified name of the overlay that is converted. This is a required parameter.

The possible library values are:

*LIBL The library list is used to locate the overlay.

*CURLIB

The current library for the job is used to locate the overlay. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the overlay resides.

Top

Format of data (DTAFMT)

Specifies how data are filled in a physical file member.

The possible values are:

*FIXED

One record has one structured field. The padding character is binary 0s. The record length of the file using fixed format is the longest length of the AFPDS structured fields in the overlay or the page segment. If the length of the existing file is smaller than the longest length of the structured field, an error message is displayed. If the length of the existing file is larger than the longest length of the structured field, padding characters are added to the end of the records. This format is for the VM system or the MVS system.

*CONTINUOUS

The structured fields are filled continuously and folded. Only the last record has padding characters; the padding characters are binary 0s. Any record length of the existing file is allowed. The created record length of the file is 256 bytes. This format is for the OS/2 system.

This is a required parameter.

Top

File (FILE)

Specifies the qualified name of the physical file being used to fill the overlay data.

The possible values are:

***VM** Specifies that the name OVLY38PP is used. It will be a valid filetype for an overlay on the VM system.

***MVS** Specifies that the name O1xxxxxx is used. The 'xxxxxx' is the first six valid characters of the name specified in the OVL parameter. It will be a valid member name for an overlay on the MVS system.

physical-file-name

Type the name of a physical file used to fill the overlay data.

The possible library values are:

*CURLIB

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

Member (MBR)

Specifies the name of the physical file member which is filled with the overlay data.

The possible values are:

***OVL** Specifies the name of the overlay specified in the OVL parameter.

member-name

Specify the name of a member used to fill the overlay data.

Top

Text 'description' (TEXT)

Specifies text that briefly describes the member and its function.

The possible values are:

***OVLTXT**

Specifies the same description specified in the OVL parameter.

'description'

Specifies no more than 50 characters of text, enclosed in apostrophes.

Top

Replace (REPLACE)

Specifies whether or not the physical file member replaces the existing physical file member if a physical file member of the same name already exists in the library.

The possible values are:

***NO** A new physical file member is not created if an old physical file member of the same name already exists in the library.

***YES** A new physical file member is created and the old physical file member is replaced by it.

Top

Create file (CRTFILE)

Specifies whether or not the file is created if the file does not exist.

The possible values are:

***NO** Do not create the file.

***YES** Create the file.

Top

Text 'description' (FILETEXT)

Specifies text that briefly describes the file and its function. This prompt is valid only when CRTFILE parameter is *YES.

The possible values are:

*BLANK

No text is specified.

'description'

Specifies no more than 50 characters of text, enclosed in apostrophes.

Top

Examples

None

Top

Error messages

*ESCAPE Messages

AFP0010

An error occurred.

Top

Convert Page Segment to PFM (CVTPAGSPFM)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

Convert Page Segment to PFM

This command allows you to convert a page segment to a member in a physical database file.

Error messages for CVTPAGSPFM

*ESCAPE Messages

AFP0010

An error occurred.

Top

Parameters

Keyword	Description	Choices	Notes
PAGSEG	Page segment	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Page segment	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
DTAFMT	Format of data	*FIXED, *CONTINUOUS	Required, Positional 2
FILE	To file	<i>Qualified object name</i>	Required, Positional 3
	Qualifier 1: To file	<i>Name, *VM, *MVS</i>	
	Qualifier 2: Library	<i>Name, *CURLIB</i>	
MBR	To member	<i>Name, *PAGSEG</i>	Optional, Positional 4
TEXT	Text 'description'	<i>Character value, *PSGTX</i>	Optional
REPLACE	Replace	*YES, *NO	Optional
CRTFILE	Create file	*YES, *NO	Optional
FILETEXT	Text 'description'	<i>Character value, *BLANK</i>	Optional

Top

Page segment (PAGSEG)

Specifies the qualified name of the page segment that is converted. This is a required parameter.

The possible library values are:

***LIBL** The library list is used to locate the page segment.

***CURLIB**

The current library for the job is used to locate the page segment. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the page segment resides.

Top

Format of data (DTAFMT)

Specifies how data are filled in a physical file member.

The possible values are:

*FIXED

One record has one structured field. The padding character is binary 0s. The record length of the file using fixed format is the longest length of the AFPDS structured fields in the overlay or the page segment. If the length of the existing file is smaller than the longest length of the structured field, an error message is displayed. If the length of the existing file is larger than the longest length of the structured field, padding characters are added to the end of the records. This format is for the VM system or the MVS system.

*CONTINUOUS

The structured fields are filled continuously and folded. Only the last record has padding characters; the padding characters are binary 0s. Any record length of the existing file is allowed. The created record length of the file is 256 bytes. This format is for the OS/2 system.

This is a required parameter.

Top

File (FILE)

Specifies the qualified name of the physical file being used to fill the page segment data.

The possible values are:

***VM** Specifies that the name PSEG38PP is used. It will be a valid filetype for a page segment on the VM system.

***MVS** Specifies that the name S1xxxxxx is used. The 'xxxxxx' is the first six valid characters of the name specified in the PAGSEG parameter. It will be a valid member name for a page segment on the MVS system.

physical-file-name

Type the name of a physical file used to fill the page segment data.

The possible library values are:

*CURLIB

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

Member (MBR)

Specifies the name of the physical file member which is filled with the page segment data.

The possible values are:

***PAGSEG**

Specifies the name of the page segment specified in the PAGSEG parameter.

member-name

Specify the name of a member used to fill the page segment data.

Top

Text 'description' (TEXT)

Specifies text that briefly describes the member and its function.

The possible values are:

***PSGTX**

Specifies the same description specified in the PAGSEG parameter.

'description'

Specifies no more than 50 characters of text, enclosed in apostrophes.

Top

Replace (REPLACE)

Specifies whether or not the physical file member replaces the existing physical file member if a physical file member of the same name already exists in the library.

The possible values are:

***NO** A new physical file member is not created if an old physical file member of the same name already exists in the library.

***YES** A new physical file member is created and the old physical file member is replaced by it.

Top

Create file (CRTFILE)

Specifies whether or not the file is created if the file does not exist.

The possible values are:

***NO** Do not create the file.

***YES** Create the file.

Top

Text 'description' (FILETEXT)

Specifies text that briefly describes the file and its function. This prompt is valid only when CRTFILE parameter is *YES.

The possible values are:

*BLANK

No text is specified.

'description'

Specifies no more than 50 characters of text, enclosed in apostrophes.

Top

Examples

None

Top

Error messages

*ESCAPE Messages

AFP0010

An error occurred.

Top

Convert PCD to Page Segment (CVTPCDPAGS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

Convert PCD to Page Segment

This command allows you to convert a PC document in a folder to a page segment. The PC document must contain only one Image Data Stream (IMDS) or one Image Object Content Architecture (IOCA) function set 10 image data stream.

Error messages for CVTPCDPAGS

*ESCAPE Messages

AFP0010

An error occurred.

Top

Parameters

Keyword	Description	Choices	Notes
PAGSEG	Page segment	<i>Qualified object name</i>	Required, Key, Positional 1
	Qualifier 1: Page segment	<i>Name</i> , *PRV	
	Qualifier 2: Library	<i>Name</i> , *CURLIB	
FRMFLR	From folder	<i>Character value</i> , *PRV	Optional, Key, Positional 2
FRMDOC	From PC document	<i>Name</i> , *PRV, *PAGSEG	Optional, Key, Positional 3
CHGIMGSIZE	Change image size	*SAME, *NO, *YES	Optional, Positional 4
IMGSIZE	Image area size	<i>Element list</i>	Optional, Positional 5
	Element 1: Unit of measure	*SAME, *INCH, *CM	
	Element 2: Width	0.1-57.79, *SAME	
	Element 3: Length	0.1-57.79, *SAME	
MAPPING	Mapping option	*PAT, *STF, *CAT, *IPTP, *IPTPD, *SAME	Optional, Positional 6
IMGRIT	Degree of rotation	0, 90, 180, 270, *SAME	Optional, Positional 7
CHGOFF	Change image offset	*NO, *YES	Optional, Positional 8
AUT	Authority	<i>Name</i> , *LIBCRTAUT, *CHANGE, *ALL, *USE, *EXCLUDE, *SAME	Optional, Positional 9
TEXT	Text 'description'	<i>Character value</i> , *SAME, *BLANK	Optional, Positional 10
REPLACE	Replace	*NO, *YES	Optional, Positional 11

Page segment (PAGSEG)

Specifies the qualified name of the page segment to be created. This is a required parameter.

The possible values are:

***PRV** Specifies that the name of the page segment and library used when you performed this command last is used. If you specify *PRV for the PAGSEG parameter, it is not necessary to specify a library.

page-segment-name

Specifies the page segment name to be created.

The possible library values are:

***CURLIB**

The current library for the job is used to create the page segment. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library in which the page segment will be created.

Top

From folder (FRMFLR)

Specifies the name of the folder that contains the PC document to be converted.

The possible values are:

***PRV** Specifies the name of the folder used when you previously created a page segment of the same name.

folder-name

Specifies the folder name.

Top

From PC document (FRMDOC)

Specifies the PC document name to be converted.

The possible values are:

***PRV** Specifies the name of the PC document used when you previously created a page segment of the same name.

***PAGSEG**

Specifies the name of the page segment to be created is the same as the name of the PC document.

PC-document-name

Specifies the PC document name that is to be converted.

Top

Change image size (CHGIMGSIZE)

Specifies whether the size of the image in the page segment is changed or not.

The possible values are:

***SAME**

Specifies the same value for this parameter used when you previously created a page segment of the same name.

***NO** Specifies not to change the image size.

***YES** Specifies to change the image size.

If you specify *YES, the IMGSIZE and MAPOPT parameters will appear, and you can specify the new image size in the page segment and how to map the input image to the size.

Top

Image area size (IMGSIZE)

Specifies the unit of measurement, width, and length of the image to be created in the page segment when Change image size parameter is specified as *YES. This prompt is ignored when Change image size is specified as *NO.

Unit of measure

Specifies the unit of measurement used to specify the following two parameters.

The possible values are:

***SAME**

Specifies the unit of measurement used when you previously created a page segment of the same name.

***INCH**

Inch is used as the unit of measurement.

***CM** Centimeter is used as the unit of measurement.

Width Specifies the width of the image to be created.

The possible values are:

***SAME**

Specifies the value of the width used when you previously created a page segment of the same name.

width-value

Specify the width value in the selected unit of measurement.

Length

Specifies the length of the image to be created.

The possible values are:

***SAME**

Specifies the value of the length used when you previously created a page segment of the same name.

length-value

Specify the length value in the selected unit of measurement.

Mapping option (MAPPING)

Specifies how the input image is mapped to the specified size of output image in the page segment when Change image size parameter is specified as *YES. This prompt is ignored when Change image size is specified as *NO.

The possible values are:

*SAME

Specifies the mapping option used when you previously created a page segment of the same name.

***PAT (Position and trim)**

The top left corner of the input image is located to the top left corner of the output image area. The image size is not changed, and any portion of the input image that falls outside of the output image size is trimmed.

***STF (Scale to fit)**

The center of the input image is located to the center of the output image area. The image size is changed so that the input image fits in the output image size.

***CAT (Center and trim)**

The center of the input image is located to the center of the output image area. The image size is not changed, and any portion of the input image that falls outside of the output image size is trimmed.

***IPTP (Image point to pel)**

The top left corner of the input image is located to the top left corner of the output image area. No resolution correction is done and each image point in the input image is mapped to a pel of the output printer. The image size may vary depending on the pel-density of the output printer, and any portion of the input image that falls outside of the output image size is trimmed.

***IPTPD (Image point to pel with double dot)**

The top left corner of the input image is located to the top left corner of the output image area. No resolution correction is done and each image point in the input image is doubled (replicated) in both dimensions and mapped to pels of the output printer. The image size may vary depending on the pel-density of the output printer, and any portion of the input image that falls outside of the output image size is trimmed.

Top

Degree of rotation (IMGRTT)

Specifies the degree of the clockwise rotation of the output image. The center of the rotation is the top left corner of the image.

The possible values are:

*SAME

Specifies the degree of rotation used when you previously created a page segment of the same name.

0 No rotation is done.

90 The image is rotated 90 degrees clockwise.

180 The image is rotated 180 degrees clockwise.

270 The image is rotated 270 degrees clockwise.

Top

Change image offset (CHGOFF)

A rotated IOCA image (page segment) created with no change in offset can be placed at the same point on a rotated overlay, record layout, or page layout that the corresponding image that is not rotated is placed on a layout that is not rotated.

If the option is used to change the offset, the upper left corner of the rotated image will be placed at the specified point on the overlay or layout. This placement is the same as that used for IM1 raster images. For an image rotated 90 degrees, the upper left corner is the same as the bottom left corner of an image that is not rotated. For an image rotated 180 degrees, the upper left corner is the same as the bottom right corner of an image that is not rotated.

The possible values are:

***NO** Offset is not changed.

***YES** Offset is changed so that the image must be placed on the layout the same as IM1 raster images.

Top

Authority (AUT)

Specifies the authority given to the user who does not have specific authority, who is not on the authorization list, or whose user group has no specific authority to the created page segment. This value is ignored and the current authority remains if a page segment already exists and this is replacing it.

The possible values are:

***SAME**

Specifies the authority used when you previously created a page segment of the same name.

***LIBCRTAUT**

The system determines the authority for the page segment by using the value specified for the Create authority prompt (CRTAUT parameter) on the Create Library command (CRTLIB) for the library containing the page segment to be created. If the value specified on the Create authority prompt (CRTAUT parameter) is changed, the new value will not affect this page segment.

***CHANGE**

Change authority allows the user to perform all operations on the page segment except those limited to the owner or controlled by object existence authority and object management authority. The user can change the page segment and perform basic functions on the page segment. Change authority provides object operational authority and all data authority.

***ALL** All authority allows the user to perform all operations on the page segment except those limited to the owner or controlled by authorization list management authority. The user can control the page segment's existence, specify the security for the page segment, change the page segment, and perform basic functions on the page segment. The user cannot transfer ownership of the page segment.

***USE** Use authority allows the user to perform basic operations on the page segment, such as read the page segment. The user is prevented from changing the page segment. Use authority provides object operational authority and read authority.

***EXCLUDE**

Exclude authority prevents the user from accessing the page segment.

authorization-list-name

Specify the name of an authorization list. Users included on the authorization list are granted authority to the page segment as specified by the list. The authorization list must exist when the page segment is created.

Top

Text 'description' (TEXT)

Specifies text that briefly describes the page segment to be created.

The possible values are:

***SAME**

Specifies the text used when you previously created a page segment of the same name.

***BLANK**

Specifies the text is blank.

'description'

Specifies no more than 50 characters of text, enclosed in apostrophes.

Top

Replace (REPLACE)

Specifies whether or not the page segment replaces the existing page segment if a page segment of the same name already exists in the library.

The possible values are:

***YES** A new page segment is created and the old page segment is replaced by it.

***NO** A new page segment is not created if an old page segment of the same name already exists in the library.

Top

Examples

None

Top

Error messages

***ESCAPE Messages**

AFP0010

An error occurred.

Top

Convert PFM to Page Segment (CVTPFMPAGS)

Where allowed to run: All environments (*ALL)
 Threadsafes: No

Parameters
 Examples
 Error messages

Convert PFM to Page Segment

This command allows you to convert a member in a physical database file to a page segment. The member must contain only one Image Data Stream (IMDS) or one Image Object Content Architecture (IOCA) function set 10 image data stream.

Error messages for CVTPFMPAGS

*ESCAPE Messages

AFP0010

An error occurred.

Top

Parameters

Keyword	Description	Choices	Notes
PAGSEG	Page segment	<i>Qualified object name</i>	Required, Key, Positional 1
	Qualifier 1: Page segment	<i>Name</i> , *PRV	
	Qualifier 2: Library	<i>Name</i> , *CURLIB	
FILE	From file	Single values: *PRV Other values: <i>Qualified object name</i>	Optional, Key, Positional 2
	Qualifier 1: From file	<i>Name</i>	
	Qualifier 2: Library	<i>Name</i> , *LIBL, *CURLIB	
MBR	From member	<i>Name</i> , *PRV, *PAGSEG	Optional, Key, Positional 3
CHGIMGSIZE	Change image size	*SAME, *NO, *YES	Optional, Positional 4
IMGSIZE	Image area size	<i>Element list</i>	Optional, Positional 5
	Element 1: Unit of measure	*SAME, *INCH, *CM	
	Element 2: Width	0.1-57.79, *SAME	
	Element 3: Length	0.1-57.79, *SAME	
MAPPING	Mapping option	*PAT, *STF, *CAT, *IPTP, *IPTPD, *SAME	Optional, Positional 6
IMGRIT	Degree of rotation	0, 90, 180, 270, *SAME	Optional, Positional 7
CHGOFF	Change image offset	*NO, *YES	Optional, Positional 8
AUT	Authority	<i>Name</i> , *LIBCRTAUT, *CHANGE, *ALL, *USE, *EXCLUDE, *SAME	Optional, Positional 9
TEXT	Text 'description'	<i>Character value</i> , *SAME, *BLANK	Optional, Positional 10

Keyword	Description	Choices	Notes
REPLACE	Replace	*NO, <u>*YES</u>	Optional, Positional 11

Top

Page segment (PAGSEG)

Specifies the qualified name of the page segment to be created. This is a required parameter.

The possible values are:

***PRV** Specifies that the name of the page segment and library used when you performed this command last is used. If you specify *PRV for the PAGSEG parameter, it is not necessary to specify a library.

page-segment-name

Specifies the page segment name to be created.

The possible library values are:

*CURLIB

The current library for the job is used to create the page segment. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library in which the page segment will be created.

Top

From file (FILE)

Specifies the qualified name of the physical file that contains the member to be converted.

The possible values are:

*PRV Specifies the file and library used when you previously created a page segment of the same name.

file-name

Type the name of an existing physical database file to be used. If you do not specify a library name, *LIBL is used.

The possible library values are:

*LIBL The library list is used to locate the file.

*CURLIB

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

From member (MBR)

Specifies the name of the physical file member to be converted.

The possible values are:

***PRV** Specifies the member name used when you previously created a page segment of the same name.

***PAGSEG**

Specifies the name of the page segment to be created is the same as the name of the member.

member-name

Specifies the member name that is to be converted.

Top

Change image size (CHGIMGSIZE)

Specifies whether the size of the image in the page segment is changed or not.

The possible values are:

***SAME**

Specifies the same value for this parameter used when you previously created a page segment of the same name.

***NO** Specifies not to change the image size.

***YES** Specifies to change the image size.

If you specify *YES, the IMGSIZE and MAPOPT parameters will appear, and you can specify the new image size in the page segment and how to map the input image to the size.

Top

Image area size (IMGSIZE)

Specifies the unit of measurement, width, and length of the image to be created in the page segment when Change image size parameter is specified as *YES. This prompt is ignored when Change image size is specified as *NO.

Unit of measure

Specifies the unit of measurement used to specify the following two parameters.

The possible values are:

***SAME**

Specifies the unit of measurement used when you previously created a page segment of the same name.

***INCH**

Inch is used as the unit of measurement.

***CM**

Centimeter is used as the unit of measurement.

Width Specifies the width of the image to be created.

The possible values are:

***SAME**

Specifies the value of the width used when you previously created a page segment of the same name.

width-value

Specify the width value in the selected unit of measurement.

Length

Specifies the length of the image to be created.

The possible values are:

***SAME**

Specifies the value of the length used when you previously created a page segment of the same name.

length-value

Specify the length value in the selected unit of measurement.

Top

Mapping option (MAPPING)

Specifies how the input image is mapped to the specified size of output image in the page segment when Change image size parameter is specified as *YES. This prompt is ignored when Change image size is specified as *NO.

The possible values are:

***SAME**

Specifies the mapping option used when you previously created a page segment of the same name.

***PAT (Position and trim)**

The top left corner of the input image is located to the top left corner of the output image area. The image size is not changed, and any portion of the input image that falls outside of the output image size is trimmed.

***STF (Scale to fit)**

The center of the input image is located to the center of the output image area. The image size is changed so that the input image fits in the output image size.

***CAT (Center and trim)**

The center of the input image is located to the center of the output image area. The image size is not changed, and any portion of the input image that falls outside of the output image size is trimmed.

***IPTP (Image point to pel)**

The top left corner of the input image is located to the top left corner of the output image area. No resolution correction is done and each image point in the input image is mapped to a pel of the output printer. The image size may vary depending on the pel-density of the output printer, and any portion of the input image that falls outside of the output image size is trimmed.

***IPTPD (Image point to pel with double dot)**

The top left corner of the input image is located to the top left corner of the output image area. No resolution correction is done and each image point in the input image is doubled (replicated)

in both dimensions and mapped to pels of the output printer. The image size may vary depending on the pel-density of the output printer, and any portion of the input image that falls outside of the output image size is trimmed.

Top

Degree of rotation (IMGRTT)

Specifies the degree of the clockwise rotation of the output image. The center of the rotation is the top left corner of the image.

The possible values are:

***SAME**

Specifies the degree of rotation used when you previously created a page segment of the same name.

- 0 No rotation is done.
- 90 The image is rotated 90 degrees clockwise.
- 180 The image is rotated 180 degrees clockwise.
- 270 The image is rotated 270 degrees clockwise.

Top

Change image offset (CHGOFF)

A rotated IOCA image (page segment) created with no change in offset can be placed at the same point on a rotated overlay, record layout, or page layout that the corresponding image that is not rotated is placed on a layout that is not rotated.

If the option is used to change the offset, the upper left corner of the rotated image will be placed at the specified point on the overlay or layout. This placement is the same as that used for IM1 raster images. For an image rotated 90 degrees, the upper left corner is the same as the bottom left corner of an image that is not rotated. For an image rotated 180 degrees, the upper left corner is the same as the bottom right corner of an image that is not rotated.

The possible values are:

***NO** Offset is not changed.

***YES** Offset is changed so that the image must be placed on the layout the same as IM1 raster images.

Top

Authority (AUT)

Specifies the authority given to the user who does not have specific authority, who is not on the authorization list, or whose user group has no specific authority to the created page segment. This value is ignored and the current authority remains if a page segment already exists and this is replacing it.

The possible values are:

***SAME**

Specifies the authority used when you previously created a page segment of the same name.

***LIBCRTAUT**

The system determines the authority for the page segment by using the value specified for the Create authority prompt (CRTAUT parameter) on the Create Library command (CRTLIB) for the library containing the page segment to be created. If the value specified on the Create authority prompt (CRTAUT parameter) is changed, the new value will not affect this page segment.

***CHANGE**

Change authority allows the user to perform all operations on the page segment except those limited to the owner or controlled by object existence authority and object management authority. The user can change the page segment and perform basic functions on the page segment. Change authority provides object operational authority and all data authority.

***ALL** All authority allows the user to perform all operations on the page segment except those limited to the owner or controlled by authorization list management authority. The user can control the page segment's existence, specify the security for the page segment, change the page segment, and perform basic functions on the page segment. The user cannot transfer ownership of the page segment.

***USE** Use authority allows the user to perform basic operations on the page segment, such as read the page segment. The user is prevented from changing the page segment. Use authority provides object operational authority and read authority.

***EXCLUDE**

Exclude authority prevents the user from accessing the page segment.

authorization-list-name

Specify the name of an authorization list. Users included on the authorization list are granted authority to the page segment as specified by the list. The authorization list must exist when the page segment is created.

Top

Text 'description' (TEXT)

Specifies text that briefly describes the page segment to be created.

The possible values are:

***SAME**

Specifies the text used when you previously created a page segment of the same name.

***BLANK**

Specifies the text is blank.

'description'

Specifies no more than 50 characters of text, enclosed in apostrophes.

Top

Replace (REPLACE)

Specifies whether or not the page segment replaces the existing page segment if a page segment of the same name already exists in the library.

The possible values are:

***YES** A new page segment is created and the old page segment is replaced by it.

***NO** A new page segment is not created if an old page segment of the same name already exists in the library.

Top

Examples

None

Top

Error messages

*ESCAPE Messages

AFP0010

An error occurred.

Top

Print PFD Data (PRTPFDDTA)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

This command allows you to print a database file member according to the design of a PFD definition.

Error messages for PRTPFDDTA

*ESCAPE Messages

AFP0010

An error occurred.

AFP0040

Database file &2 in library &1 cannot be allocated.

AFP22A0

Print request canceled.

Top

Parameters

Keyword	Description	Choices	Notes
PFDFILE	PFD file	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: PFD file	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
PFDMBR	PFD definition	<i>Name, *FIRST</i>	Optional, Positional 2
FILE	Database file	Single values: *PFD Other values: <i>Qualified object name</i>	Optional, Positional 3
	Qualifier 1: Database file	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
MBR	Member	<i>Name, *FIRST</i>	Optional, Positional 4
GRID	Include grid	*YES, *NO, *YES, *NO	Optional, Positional 5
RCDSLT	Record selection	*YES, *NO, *YES, *NO	Optional, Positional 6
ENDPAGE	Ending page	1-9999, *END	Optional, Positional 7
DRAWER	Source drawer	1-255, *PFD, *E1, *CUT	Optional, Positional 8
OUTBIN	Output bin	1-65535, *DEVD	Optional, Positional 9
COPIES	Copies	1-255, *PFD	Optional, Positional 10

Keyword	Description	Choices	Notes
OUTQ	Output queue	Single values: *JOB Other values: <i>Qualified object name</i>	Optional, Positional 11
	Qualifier 1: Output queue	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
FORMDF	Form definition	<i>Qualified object name</i>	Optional, Positional 12
	Qualifier 1: Form definition	<i>Name, *PFD, *DEV D, *INLINE</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	

Top

PFD file (PFDFILE)

Specifies the PFD definition file and library that contain the PFD definition to be used.

The possible values are:

PFD-definition-file-name

Type the name of an existing PFD definition file to be used. If you specify the PFD-definition-file-name and a library name, print format utility searches the specified library for the PFD definition file. If you do not specify a library name, *LIBL is used.

The possible library values are:

***LIBL** The library list is used to locate the file.

***CURLIB**

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

PFD definition (PFDMBR)

Specifies the name of the PFD definition to be used to print a database file member.

The possible values are:

***FIRST**

This is the default value. The first PFD definition in the PFD definition file is used.

PFD-definition-name

Type the name of the PFD-definition you want to use.

Top

Database file (FILE)

Specifies the database file and library that contain the member to be printed.

The possible values are:

***PFD** Specifies that the database file and library that are specified in the PFD definition are used to print the member.

file-name

Type the name of an existing database file to be used. If you specify the file-name and a library name, print format utility searches the specified library for the database file. If you do not specify a library name, *LIBL is used.

The possible library values are:

***LIBL** The library list is used to locate the file.

***CURLIB**

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

Member (MBR)

Specifies the name of the member to be printed.

The possible values are:

***FIRST**

This is the default value. The first member in the database file is printed.

member-name

Type the name of the member you want to print.

Top

Include grid (GRID)

Specifies whether a grid is included in the printout or not. A Grid consists of horizontal lines and vertical lines, and the distance between horizontal lines and that between vertical lines are specified in the PFD specifications.

The possible values are:

***NO** This is the default value. A grid is not included in the printout.

***YES** A grid is included in the printout.

Top

Record selection (RCDSLTT)

Specifies whether the records are selected according to the selection conditions specified in the PFD definition or not.

The possible values are:

***YES** Type *YES if you want to select and print only those records that match the selection conditions specified in the PFD definition.

All records are printed if no conditions are specified in the PFD definition.

***NO** Type *NO if you want to print all records regardless of the selection conditions specified in the PFD definition.

Top

Ending page (ENDPAGE)

Specifies whether printing should stop at a certain page or continue until all records are processed.

The possible values are:

***END** Specifies to print until all records are processed.

page-number

Specifies the last page number to be printed. Print format utility stops printing when the last page specified by this parameter is printed. If all records have been processed before the last page is printed, print format utility will stop printing.

The possible value range is 1 - 9999.

Top

Drawer (DRAWER)

Specifies the source drawer used when single-cut sheets are fed into the printer.

The possible values are:

***PFD** The value specified in the Printout specifications is used. *PFD is the default.

***E1** Envelopes are fed from the envelope drawer on the sheet-feed paper handler.

***CUT** For printers with manual feed, cut sheets are fed manually through the manual feeder.

source-drawer

Specify the drawer from which the paper is fed. Valid values range from 1 through 255. For printers with manual feed, specifying 100 is the same as specifying *CUT.

Top

Output bin (OUTBIN)

Specifies the destination of the output on printers capable of multiple output bins.

The possible values are:

***DEV**

The value specified in the Device description is used. *DEV is the default.

output-bin

Specify the output bin for the destination of the output. Valid values range from 1 through 65535.

Top

Copies (COPIES)

Specifies the number of copies to be printed.

The possible values are:

***PFD** Specifies that the number specified in the PFD definition is used.

This is the default value.

number-of-copies

Specifies the number of copies to be printed.

The possible value range is 1 - 255.

Top

Output queue (OUTQ)

Specifies the qualified name of the output queue in which the spooled file will be created.

The possible values are:

***JOB** Specifies the output queue specified in the job description associated with this job is used.

This is the default value.

output-queue-name

Specifies the name of the output queue to be used.

The possible library values are:

***LIBL** The library list is used to locate the output queue.

***CURLIB**

The current library for the job is used to locate the output queue. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the output queue resides.

Top

Form definition (FORMDF)

Specifies the qualified name of the form definition to use when printing the spooled file.

The possible values are:

***PFD** Specifies that the form definition and library that are specified in the PFD definition will be used to print the member.

***DEV**

Specifies that the form definition specified in the device description for the printer will be used.

***INLINE**

Specifies that the print format utility will create an inline form definition with the name F1AFPU and use that form definition when printing the data. The page width and length specified in the printout format definition will be placed in the created form definition for page control with

continuous form printers. These values will be used when the page size control value for the printer is set to *YES. Use the Work with PSF Configurations (WRKPSFCFG) command to set the page size control value.

form-definition-name

Specifies the name of the form definition to be used.

The possible library values are:

*LIBL The library list is used to locate the form definition.

***CURLIB**

The current library for the job is used to locate the form definition. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the form definition resides.

Top

Examples

None

Top

Error messages

*ESCAPE Messages

AFP0010

An error occurred.

AFP0040

Database file &2 in library &1 cannot be allocated.

AFP22A0

Print request canceled.

Top

Start AFP Utilities (STRAFPU)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The command displays the main AFP Utilities menu that allows you to use the AFP Utilities functions.

There are no parameters for this command.

Error messages for STRAFPU

*ESCAPE Messages

AFP0010

An error occurred.

AFP10C0

Error occurred while AFPU main menu was displayed.

AFP22A0

Print request canceled.

AFP3303

Page segment &5 was not created in library &1.

[Top](#)

Parameters

None

[Top](#)

Examples

None

[Top](#)

Error messages

*ESCAPE Messages

AFP0010

An error occurred.

AFP10C0

Error occurred while AFPU main menu was displayed.

AFP22A0

Print request canceled.

AFP3303

Page segment &5 was not created in library &1.

Start Overlay Utility (STROVLU)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

This command allows you to perform an option of the overlay utility directly without viewing the Work with Source Overlays display.

Error messages for STROVLU

*ESCAPE Messages

AFP0010

An error occurred.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	Source overlay file	Single values: *PRV Other values: <i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Source overlay file	<i>Name</i>	
	Qualifier 2: Library	<i>Name</i> , *LIBL , *CURLIB	
MBR	Source overlay	<i>Name</i> , *PRV , *SELECT	Optional, Positional 2
OPTION	Option	*BLANK , ' ', 1, 2, 3, 4, 6, 7, 9	Optional, Positional 3

Top

Source overlay file (FILE)

Specifies the source overlay file and library that contain the source overlay to be worked with.

The possible values are:

***PRV** Specifies that the overlay utility is to use the name of the source overlay file and library used in your last overlay utility session. If you specify ***PRV** for the FILE parameter, it is not necessary to specify a library.

source-overlay-file-name

Type the name of an existing source overlay file to be used. If you specify the source-overlay-file-name and a library name, overlay utility searches the specified library for the source overlay file. If you do not specify a library name, ***LIBL** is used.

The possible library values are:

***LIBL** The library list is used to locate the file.

***CURLIB**

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

Source overlay (MBR)

Specifies the name of the source overlay to be worked with or created. The default value for this parameter depends on if you specify the FILE parameter.

The possible values are:

***SELECT**

This is the default value if you specify the FILE parameter. If you choose *SELECT, you will get the lists of all source overlays in the specified source overlay file and library. Select one or more source overlays to work with on the display.

***PRV** This is the default value if you do not specify the FILE parameter. *PRV is the name of the previous source overlay that was used.

source-overlay-name

Type the name of the source overlay you want to work with.

Top

Option (OPTION)

Specifies the function to perform on the selected source overlay.

The possible values are:

***BLANK or ' '**

This is the default value if you do not specify a source overlay name. *BLANK specifies no action.

1=Create

Type 1 to create a source overlay.

2=Change

This is the default value if you specify a source overlay name.

Type 2 to change a source overlay.

3=Copy

Type 3 to copy a source overlay.

4=Delete

Type 4 to delete a source overlay.

6=Print

Type 6 to print a source overlay.

7=Rename

Type 7 to rename a source overlay.

9=Create overlay

Type 9 to create an overlay from a source overlay.

[Top](#)

Examples

None

[Top](#)

Error messages

*ESCAPE Messages

AFP0010

An error occurred.

[Top](#)

Start Print Format Utility (STRPFU)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

This command allows you to perform an option of print format utility directly without viewing the Work with PFD Definitions display.

Error messages for STRPFU

*ESCAPE Messages

AFP0010

An error occurred.

AFP22A0

Print request canceled.

Top

Parameters

Keyword	Description	Choices	Notes
PFDFILE	PFD file	Single values: *PRV Other values: <i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: PFD file	<i>Name</i>	
	Qualifier 2: Library	<i>Name</i> , *LIBL , *CURLIB	
PFDMBR	PFD definition	<i>Name</i> , *PRV , *SELECT	Optional, Positional 2
OPTION	Option	*BLANK , ' ', 1, 2, 3, 4, 6, 7, 9	Optional, Positional 3

Top

PFD file (PFDFILE)

Specifies the PFD definition file and library that contain the PFD definition to be worked with.

The possible values are:

***PRV** Specifies that the print format utility is to use the name of the PFD definition file and library used in your last print format utility session. If you specify ***PRV** for the PFDFILE parameter, it is not necessary to specify a library.

PFD-definition-file-name

Type the name of an existing PFD definition file to be used. If you specify the PFD-definition-file-name and a library name, print format utility searches the specified library for the PFD definition file. If you do not specify a library name, ***LIBL** is used.

The possible library values are:

***LIBL** The library list is used to locate the file.

***CURLIB**

The current library for the job is used to locate the file. If no library is specified as the current library for the job, QGPL is used.

library-name

Specify the library where the file resides.

Top

PFD definition (PFDMBR)

Specifies the name of the PFD definition to be worked with or created. The default value for this parameter depends on if you specify the PFDFILE parameter.

The possible values are:

***SELECT**

This is the default value if you specify the PFDFILE parameter. If you choose *SELECT, you will get the lists of all PFD definitions in the specified PFD definition file and library. Select one or more PFD definitions to work with on the display.

***PRV** This is the default value if you do not specify the PFDFILE parameter. *PRV is the name of the previous PFD definition that was used.

PFD-definition-name

Type the name of the PFD-definition you want to work with.

Top

Option (OPTION)

Specifies the function to perform on the selected PFD definition. The default value depends on if you specify a PFD definition name.

The possible values are:

***BLANK or ' '**

This is the default value if you do not specify a PFD definition name. *BLANK specifies no action.

1=Create

Type 1 to create a PFD definition.

2=Change

This is the default value if you specify a PFD definition name.

Type 2 to change a PFD definition.

3=Copy

Type 3 to copy a PFD definition.

4=Delete

Type 4 to delete a PFD definition.

6=Print

Type 6 to print a PFD definition.

7=Rename

Type 7 to rename a PFD definition.

9=Print database file

Type 9 to print a database file member by using a PFD definition.

[Top](#)

Examples

None

[Top](#)

Error messages

***ESCAPE Messages**

AFP0010

An error occurred.

AFP22A0

Print request canceled.

[Top](#)

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