

IMG2CRG – CPPD Image import exit program

Program

Release: IMG2CRG#R/ IMG2CRG#R
Debug: IMG2CRG#D/ IMG2CRG#D

Input

PARM1: Input Image Path	(/test/image01.png)
PARM2: Output path	(/test/output/)
PARM3: Output Filename	(image01.crg)
PARM4:CPPD Image Library Entry Name	(IMAGE01)
PARM5: Codepage	(Default: System Value QCHRID)
PARM6: Configuration parameters (TESTPPD,CPPD,0,2880,0,JPG,80,16,YES)	
PPD Name,	default BLANK (MUST BE UPPERCASE)
CPPD Library	default: CPPD
PPD Orientation (0 90)	default: 0
Output Image Width (1440ths of an inch)	default 2880
Output image rotation (0,90,180,270)	default 0
Output image Encoding(JPG,LZW)	default JPG
Output Image JPG Quality (0-100)	default 80
Output Image Quantize Width (0-99)	default: 16
Base64 Decode SQL Data (YES NO)	default: YES

The value of quantize width is a number that the output width of the image must be divisible by. For example, If you pass in an image with a width of 15 and a quantize width of 16, then the output image width will be rounded up to 16.

I believe JPG image widths have to be divisible by 16, which is why we have the parameter. It defaults to 16 and is best left at that value.

Output

PARM4:CPPD Image Library Entry Name (INPUT)

Example using CPPD Exit program Test Harness

```
TSTCPRM PROGRAM(IMG2CRG#D) PARM1('/test/img2crg/test01.png')  
PARM2('/test') PARM3('image01.crg') PARM4(IMAGE01)  
PARM6('TESTSIG,CPPD,0,2880,0,JPG,80,16')
```

Notes

PARM1 Input Image Path

From v0.30 this can be an SQL select statement with the image data in the first cell of the first row returned.

PARM3 Output Filename

If this parameter is blank on input, then the input filename will be used with a “crg” extension in place of the original extension.

If this parameter is not blank then any existing file will be deleted.

PARM4:CPPD Image Library Entry Name (INPUT)

If this parameter is blank on input, then a unique library entry name will be generated. The first 10 characters of the input image file will be preferred.

If this parameter is not blank then any existing Entry will be deleted.

PARM5:Codepage (INPUT)

The code page to use for translating input and output variables. If not specified, the code page in the system value QCHRID is used, use DSPSYSVAL QCHRID to check. Recommended to set to the National codepage, Eg for UK: 285 or 1146

Return Value

On success, PARM4 contains the image library entry name and the program returns 0x0F

On Failure, PARM4 will be blank and the program returns 0xF1

Note: Failure to read the image is considered a failure

Version History

14/02/23> Version 0.32

14/02/23> Changed to always return COB_SUCCESS, otherwise CRTPPD ignores the returned values

14/02/23> Added PARM5:Codepage

13/04/16> version 0.31

13/04/16> Changed to only return COB_SUCCESS when a image is successfully written (before this COB_SUCCESS was returned as long as the image was read successfully)

30/03/16> version 0.30

28/06/11> Initial version 0.21

20/01/11> Initial version 0.10