

NAME

JxrEncApp - JPEG XR Encoder Utility

DESCRIPTION

JPEG XR Encoder Utility Copyright 2013 Microsoft Corporation – All Rights Reserved

./debian/tmp/usr/bin/JxrEncApp [options]...

-i input.bmp/pnm/tif/hdr

Input image file name bmp: <=8bpc, BGR pnm: >=8bpc, RGB tif: >=8bpc, RGB hdr: 32bppRGBE only

-o output.jxr

Output JPEG XR file name

-q quality

[0.0 – 1.0) Default = 1.0, lossless

or quantization

[1 – 255] Default = 1, lossless

-c format

Required to define uncompressed source pixel format 0: 24bppBGR 1: 1bppBlackWhite 2: 8bppGray 3: 16bppGray 4: 16bppGrayFixedPoint 5: 16bppGrayHalf 7: 32bppGrayFixedPoint 8: 32bppGrayFloat 9: 24bppRGB

10: 48bppRGB

11: 48bppRGBFixedPoint 12: 48bppRGBHalf 14: 96bppRGBFixedPoint 15: 128bppRGBFloat 16: 32bppRGBE 17: 32bppCMYK 18: 64bppCMYK 22: 32bppBGRA 23: 64bppRGBA 24: 64bppRGBAFixedPoint 25: 64bppRGBAHalf 27: 128bppRGBAFixedPoint 28: 128bppRGBAFloat 29: 16bppBGR555 30: 16bppBGR565 31: 32bppBGR101010 32: 40bppCMYKA 33: 80bppCMYKA 34: 32bppBGR

-d chroma sub-sampling

0: Y-only 1: YCoCg 4:2:0 2: YCoCg 4:2:2 3: YCoCg 4:4:4 (default)

(if not set is 4:4:4 for quality >= 0.5 or 4:2:0 for quality < 0.5)

-l overlapping

0: No overlapping 1: One level overlapping (default) 2: Two level overlapping

(if not set is One for quality >= 0.5 or Two for quality < 0.5)

-f Turn off frequency order bit stream (to spatial)

-p Turn off progressive mode (to sequential)

-t Display timing information

-v Display verbose encoder information

-V tile_wd0 [tile_wd1 ...]

Macro block columns per tile

-H tile_ht0 [tile_ht1 ...]

Macro block rows per tile

-U num_v_tiles num_h_tiles

Vertical & horizontal tile count for uniform tiling

-b Black/White

Applies to 1bpp black/white images 0: 0 = black (default) 1: 0 = white

-a alpha channel format

Required for any pixel format with an alpha channel 2: Planar alpha (default) 3: Interleaved alpha Other: Reserved, do not use

- Q** quantization for alpha
[1 – 255] Default = 1, lossless
- F** trimmed flexbits
[0 – 15] 0: no trimming (default) 15: trim all
- s** skip subbands
0: All subbands included (default) 1: Skip flexbits 2: Skip highpass 3: Skip highpass & lowpass (DC only)

Eg: `./debian/tmp/usr/bin/JxrEncApp -i input.bmp -o output.jxr -q 0.9`

AUTHOR

This manual page was written by Mathieu Malaterre <malat@debian.org> for the Debian GNU/Linux system (but may be used by others).