NAME

pal2rgb - convert a palette color TIFF image to a full color image

SYNOPSIS

pal2rgb [*options*] *input.tif output.tif*

DESCRIPTION

Pal2rgb converts a palette color TIFF image to a full color image by applying the colormap of the palette image to each sample to generate a full color RGB image.

OPTIONS

Options that affect the interpretation of input data are:

-C This option overrides the default behavior of *pal2rgb* in determining whether or not colormap entries contain 16-bit or 8-bit values. By default the colormap is inspected and if no colormap entry greater than 255 is found, the colormap is assumed to have only 8-bit values; otherwise 16-bit values (as required by the TIFF specification) are assumed. The **-C** option can be used to explicitly specify the number of bits for colormap entries: **-C 8** for 8-bit values, **-C 16** for 16-bit values.

Options that affect the output file format are:

-p Explicitly select the planar configuration used in organizing data samples in the output image: **-p contig** for samples packed contiguously, and **-p separate** for samples stored separately. By default samples are packed.

-c Use the specific compression algorithm to encoded image data in the output file: **-c packbits** for Macintosh Packbits, **-c lzw** for Lempel-Ziv & Welch, **-c zip** for Deflate, **-c none** for no compression. If no compression-related option is specified, the input file's compression algorithm is used.

-r Explicitly specify the number of rows in each strip of the output file. If the **-r** option is not specified, a number is selected such that each output strip has approximately 8 kilobytes of data in it.

BUGS

Only 8-bit images are handled.

SEE ALSO

tiffinfo(1), **tiffcp**(1), **tiffmedian**(1), **libtiff**(3)

Libtiff library home page: **http://www.simplesystems.org/libtiff/**