

NAME

stream - a lightweight tool to stream one or more pixel components of the image or portion of the image to your choice of storage formats.

SYNOPSIS

stream [*options*] *input-file output-file*

OVERVIEW

Stream is a lightweight tool to stream one or more pixel components of the image or portion of the image to your choice of storage formats. It writes the pixel components as they are read from the input image a row at a time making **stream** desirable when working with large images or when you require raw pixel components.

For more information about the stream command, point your browser to <file:///usr/local/share/doc/ImageMagick-7/www/stream.html> or <http://imagemagick.org/script/stream.php>.

DESCRIPTION

Image Settings:

- authenticate value decrypt image with this password
- colorspace type alternate image colorspace
- compress type type of pixel compression when writing the image
- define format:option
 define one or more image format options
- density geometry horizontal and vertical density of the image
- depth value image depth
- extract geometry extract area from image
- identify identify the format and characteristics of the image
- interlace type type of image interlacing scheme
- interpolate method pixel color interpolation method
- limit type value pixel cache resource limit
- map components one or more pixel components
- monitor monitor progress
- quantize colorspace reduce colors in this colorspace
- quiet suppress all warning messages
- regard-warnings pay attention to warning messages
- respect-parentheses settings remain in effect until parenthesis boundary
- sampling-factor geometry
 horizontal and vertical sampling factor
- seed value seed a new sequence of pseudo-random numbers

- set attribute value set an image attribute
- size geometry width and height of image
- storage-type type pixel storage type
- synchronize synchronize image to storage device
- taint declare the image as modified
- transparent-color color
transparent color
- verbose print detailed information about the image
- virtual-pixel method
virtual pixel access method

Miscellaneous Options:

- channel mask set the image channel mask
- debug events display copious debugging information
- help print program options
- log format format of debugging information
- list type print a list of supported option arguments
- version print version information

By default, the image format of 'file' is determined by its magic number. To specify a particular image format, precede the filename with an image format name and a colon (i.e. ps:image) or specify the image type as the filename suffix (i.e. image.ps). Specify 'file' as '-' for standard input or output.

SEE ALSO

ImageMagick(1)

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