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
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        -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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