NAME

composite − overlaps one image over another.

SYNOPSIS

composite-im6.q16 [*options* **...]** *change-file base-file* **[** *mask-file* **]** *output-image*

OVERVIEW

The **composite-im6.q16** program is a member of the ImageMagick-ims6.q16(1) suite of tools. Use it to overlap one image over another.

For more information about the composite command, point your browser to file:///usr/share/doc/image-magick-6-common/html/www/composite.html (on debian system you may install the imagemagick-6 package) or http://imagemagick.org/script/composite.php.

DESCRIPTION

Image Settings:
　−affine matrix　　affine transform matrix
　−alpha option　　　on, activate, off, deactivate, set, opaque, copy
　　　　　　　　　transparent, extract, background, or shape
　−authenticate value　decrypt image with this password
　−blue-primary point　chromaticity blue primary point
　−channel type　　　apply option to select image channels
　−colorspace type　　alternate image colorspace
　−comment string　　annotate image with comment
　−compose operator　　composite operator
　−compress type　　type of pixel compression when writing the image
　−decipher filename　convert cipher pixels to plain pixels
　−define format:option
　　　　　　　　　define one or more image format options
　−depth value　　　image depth
　−density geometry　horizontal and vertical density of the image
　−display server　　get image or font from this X server
　−dispose method　　layer disposal method
　−dither method　　apply error diffusion to image
　−encipher filename　convert plain pixels to cipher pixels
　−encoding type　　text encoding type
　−endian type　　　endianness (MSB or LSB) of the image
　−filter type　　　use this filter when resizing an image
　−font name　　　render text with this font
　−format "string"　　output formatted image characteristics
　−gravity type　　　which direction to gravitate towards
　−green-primary point chromaticity green primary point
　−interlace type　　type of image interlacing scheme
　−interpolate method　pixel color interpolation method
　−label string　　　assign a label to an image
　−limit type value　pixel cache resource limit
　−matte　　　　　store matte channel if the image has one
　−monitor　　　　monitor progress
　−page geometry　　size and location of an image canvas (setting)
　−pointsize value　font point size
　−quality value　　JPEG/MIFF/PNG compression level
　−quiet　　　　　suppress all warning messages
　−red-primary point　chromaticity red primary point
　−regard-warnings　pay attention to warning messages
　−repage geometry　size and location of an image canvas (operator)
　−respect-parentheses settings remain in effect until parenthesis boundary

　　　−sampling-factor geometry
　　　　　　　　horizontal and vertical sampling factor
　　　−scene value　　　image scene number
　　　−seed value　　　seed a new sequence of pseudo-random numbers
　　　−size geometry　　width and height of image
　　　−support factor　　resize support: > 1.0 is blurry, < 1.0 is sharp
　　　−synchronize　　　synchronize image to storage device
　　　−taint　　　　declare the image as modified
　　　−transparent-color color
　　　　　　　　transparent color
　　　−treedepth value　　color tree depth
　　　−tile　　　　repeat composite operation across and down image
　　　−units type　　　the units of image resolution
　　　−verbose　　　print detailed information about the image
　　　−virtual-pixel method
　　　　　　　　virtual pixel access method
　　　−white-point point　chromaticity white point

　Image Operators:
　　−blend geometry　　blend images
　　−border geometry　　surround image with a border of color
　　−bordercolor color　border color
　　−colors value　　preferred number of colors in the image
　　−displace geometry　shift image pixels defined by a displacement map
　　−dissolve value　　dissolve the two images a given percent
　　−distort geometry　shift lookup according to a absolute distortion map
　　−extract geometry　extract area from image
　　−geometry geometry　location of the composite image
　　−identify　　　identify the format and characteristics of the image
　　−monochrome　　　transform image to black and white
　　−negate　　　replace each pixel with its complementary color
　　−profile filename　add ICM or IPTC information profile to image
　　−quantize colorspace reduce colors in this colorspace
　　−rotate degrees　　apply Paeth rotation to the image
　　−resize geometry　resize the image
　　−sharpen geometry　sharpen the image
　　−shave geometry　shave pixels from the image edges
　　−stegano offset　hide watermark within an image
　　−stereo　　　combine two image to create a stereo anaglyph
　　−strip　　　strip image of all profiles and comments
　　−thumbnail geometry　create a thumbnail of the image
　　−transform　　　affine transform image
　　−type type　　　image type
　　−unsharp geometry　sharpen the image
　　−watermark geometry　percent brightness and saturation of a watermark
　　−write filename　write images to this file

　Image Stack Operators:
　　−swap indexes　　swap two images in the image sequence

　Miscellaneous Options:
　　−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 for-
mat, 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-ims6.q16(1)

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