**NAME**

    import - saves any visible window on an X server and outputs it as an image file. You can capture a single window, the entire screen, or any rectangular portion of the screen. The window to capture is selected by clicking the desired window or a program option.

**SYNOPSIS**

    **magick import** [*options*] *output-file*

**OVERVIEW**

    The **import** program is a member of the ImageMagick(1) suite of tools.  Use it to capture some or all of an X server screen and save the image to a file.

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

**DESCRIPTION**

    Image Settings:
     -adjoin            join images into a single multi-image file
     -border            include window border in the output image
     -colorspace type     alternate image colorspace
     -comment string      annotate image with comment
     -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
     -descend           obtain image by descending window hierarchy
     -display server      X server to contact
     -dispose method      layer disposal method
     -dither method       apply error diffusion to image
     -delay centiseconds  display the next image after pausing
     -encipher filename   convert plain pixels to cipher pixels
     -endian type         endianness (MSB or LSB) of the image
     -encoding type       text encoding type
     -filter type         use this filter when resizing an image
     -format "string"     output formatted image characteristics
     -frame             include window manager frame
     -gravity direction   which direction to gravitate towards
     -identify            identify the format and characteristics of the image

-interlace type      None, Line, Plane, or Partition
-interpolate method  pixel color interpolation method
-label string        assign a label to an image
-limit type value    Area, Disk, Map, or Memory resource limit
-monitor             monitor progress
-page geometry       size and location of an image canvas
-pause seconds       seconds delay between snapshots
-pointsize value     font point size
-quality value       JPEG/MIFF/PNG compression level
-quiet               suppress all warning messages
-regard-warnings     pay attention to warning messages
-repage geometry     size and location of an image canvas
-respect-parentheses settings remain in effect until parenthesis boundary
-sampling-factor geometry
                     horizontal and vertical sampling factor
-scene value         image scene number
-screen              select image from root window
-seed value          seed a new sequence of pseudo-random numbers
-set property value  set an image property
-silent              operate silently, i.e. don't ring any bells
-snaps value         number of screen snapshots
-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
-verbose             print detailed information about the image
-virtual-pixel method
                     Constant, Edge, Mirror, or Tile
-window id           select window with this id or name
                     root selects the whole screen


Image Operators:
-annotate geometry text
                 annotate the image with text
-channel mask        set the image channel mask
-colors value        preferred number of colors in the image
-crop geometry       preferred size and location of the cropped image
-extent geometry     set the image size

    -geometry geometry   preferred size or location of the image
    -help              print program options
    -monochrome          transform image to black and white
    -negate            replace each pixel with its complementary color
    -quantize colorspace reduce colors in this colorspace
    -resize geometry     resize the image
    -rotate degrees      apply Paeth rotation to the image
    -strip             strip image of all profiles and comments
    -thumbnail geometry  create a thumbnail of the image
    -transparent color   make this color transparent within the image
    -trim              trim image edges
    -type type          image type

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, 'file' is written in the Postscript image format. 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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