Colour Palette and Animation Commands

Instructions and functions to animate and manage colours

Get Palette INDEX, MASK
Grab the palette of another screen in the current screen
Parameters:
   INDEX: The index of the source screen
    MASK: A mask of bits in which bits set to one will enforce the copy of the colour and 0 will ignore the color. Only for the first 32 colours (optional)

Get Images Palette MASK
Copy the colour palette from the Images bank to the current screen
Parameters:
   MASK: Mask of bits where each bit set to 1 represent a colour to copy and 0 a colour to ignore, up to 32 (optional)

Colour COLORINDEX, RGB
Set the RGB value of a colour in the palette the curretn screen
Parameters:
   COLORINDEX: The index of the colour in the palette
   RGB: The RGB value of the new colour (example: $FF0000 will change the color to RED)

Colour COLORINDEX
Return the RGB value of a colour from the palette of the current screen
Parameters:
   COLORINDEX: The index of the colour in the palette
Value returned:
   integer: The RGB value of the new colour (example: will return $FF0000 for RED)

Flash Off
TODO! Turns off the flashing colours sequence

Flash COLORINDEX, DEFINITION$
TODO! Set the flashing color sequence
Parameters:
   COLORINDEX: The index of the colour in the current screen palette
   DEFINITION$: The definition of the flashing sequence

Flash
TODO! Turn off all colour shifts for current screen

Shift Up DELAY, FIRSTCOLOR, LASTCOLOR, ROTATELASTCOLOUR
TODO! Rotate the colour values of the current screen upwards
Parameters:
   DELAY: Number of 1/1000th of second between shifts (PC mode) and 1/50th of the second (Amiga and retro machine emulation)
   FIRSTCOLOR: Index of the first colour in the palette to shift
   LASTCOLOR: Index of the last colour in the palette to shift
   ROTATELASTCOLOUR: Flag indicate whether to copy the last color back to the first color (True) or discard it (false)

Shift Down DELAY, FIRSTCOLOR, LASTCOLOR, ROTATEFIRSTCOLOUR

TODO! Rotate the colour values of the current screen downwards

Parameters:

DELAY: Number of 1/1000th of second between shifts (PC mode) and 1/50th of the second (Amiga and retro machine emulation)

FIRSTCOLOR: Index of the first colour in the palette to shift

LASTCOLOR: Index of the last colour in the palette to shift

ROTATEFIRSTCOLOUR: Flag indicate whether to copy the first color back to the last color (True) or discard it (false)

Fade ... To ... DELAY, INDEX, MASK

TODO! Blend the colours of the current screen to the values of the palette of another screen

Parameters:

DELAY: Number of 1/1000th of second between changes (PC mode) and 1/50th of a second for Amiga and retro machine emulation

INDEX: The index of the screen to fade the palette to

MASK: A mask of bits indicating which colour to fade, bits set to 1 beign taken into account by their number in the mask

fade DELAY, COLOURLIST

TODO! Blend colours to new values

Parameters:

DELAY: Number of 1/1000th of second between changes (PC mode) and 1/50th of a second for Amiga and retro machine emulation

COLOURLIST: A list of RGB values, separated by commmas indicating the new colours to fade to (op[tional)

Default Palette COLORSLIST

Set the default palette to be used in further "Screen Open" instructions

Parameters:

COLORSLIST: A list of RGB value separated by a comma, defining the colours to use

Palette COLORSLIST

Set the palette of the current screen

Parameters:

COLORSLIST: A list of RGB value separated by a comma, defining the colours to use

Default

Restore the display to the state it was when the application start. Close all screen, all windows, detroys all bobs and sprites and open the default screen

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Colour Back COLOUR, (INK_INDEX)

Assign a colour to the screen background which fills unused areas at the top and bottom of the visible screen in Amiga mode and the black bars on the side of the canvas in PC mode. Alternatively, existing colours may also be specified when enclosed in brackets

Parameters:

COLOUR: The RGB value of the colour to use

(INK_INDEX): If bracets are use, the index of the colour in the current default palette