Bank Commands

Functions and instruction to manage memory banks

Bank Swap INDEX1, INDEX2
Swap two banks in the list of banks
Parameters:
    INDEX1: Index of the first bank to swap
    INDEX2: Index of the second bank to swap

Bank Shrink INDEX, LENGTH
Change the size of a memory bank
Parameters:
    INDEX: Index of the bank to resize
    LENGTH: New size in bytes

Start INDEX
Return the address of the start of a memory bank (composite number, only useable with AOZ mmemory instruction)
Parameters:
    INDEX: Index of the bank to resize
Value returned:
    integer: The start of the memory bank

Length INDEX
Return the length of a memory bank
Parameters:
    INDEX: Index of the bank to query
Value returned:
    integer: The length of the memory bank

Erase INDEX
Destroy the content of a memory bank and remove it from the list of banks
Parameters:
    INDEX: Index of the bank to query

Erase All
Destroy all memory banks

Erase Temp
Destroy all temporary memory banks (bank marked as "Work")

List Bank NUMBER
Displays the list of one or all the memory banks in the current screen, type and length
Parameters:
    NUMBER: Number of the bank to list (optional)

Reserve As Work NUMBER, LENGTH
Reserve and allocates memory for a new bank of "Work" type, and add it to the list of banks
Parameters:

NUMBER: Number of the bank to create
LENGTH: Length in byte of the new bank

Reserve As Chip Work NUMBER, LENGTH

Reserve and allocates memory for a new bank in Amiga chip memory, and add it to the list of banks (deprecated)

Parameters:
NUMBER: Number of the bank to create
LENGTH: Length in byte of the new bank

Reserve As Data NUMBER, LENGTH

Reserve and allocates memory for a new bank of "Data" type, and add it to the list of banks

Parameters:
NUMBER: Number of the bank to create
LENGTH: Length in byte of the new bank

Reserve As Data NUMBER, LENGTH

Reserve and allocates memory for a new bank of "Data" type in Amiga chip memory, and add it to the list of banks (deprecated)

Parameters:
NUMBER: Number of the bank to create
LENGTH: Length in byte of the new bank

Image Width INDEX

Return the width in pixels of an image in the Images bank

Parameters:
INDEX: Index of the image in the Images bank

Value returned:
integer: The width in pixels of the image

Image Height INDEX

Return the height in pixels of an image in the Images bank

Parameters:
INDEX: Index of the image in the Images bank

Value returned:
integer: The height in pixels of the image

HRev INDEX

Return a flag of bits to be used in Bob and Sprite instructions that will mirror the image horizontally

Parameters:
INDEX: Index of the image in the Images bank

Value returned:
integer: Flag indicating to mirror the image horizontally ($8000)

VRev INDEX

Return a flag of bits to be used in Bob and Sprite instructions that will mirror the image vertically

Parameters:
INDEX: Index of the image in the Images bank

Value returned:
integer: Flag indicating to mirror the image vertically ($4000)

Rev INDEX

Return a flag of bits to be used in Bob and Sprite instructions that will mirror the image horizontally and vertically
Parameters:
    INDEX: Index of the image in the Images bank
Value returned:
    integer: Flag indicating to mirror the image horizontally and vertically (C000)

Ins Sprite POSITION
Inserts an empty image in the Images bank (deprecated, use "Ins Image")
Parameters:
    POSITION: Position to insert at

Ins Sprite To START, END
Inserts a number of empty images in the Images bank (deprecated, use "Ins Image To")
Parameters:
    START: Position of insersion
    END: End position of insertion

Del Sprite INDEX
Delete an image in the Images bank (deprecated, use "Del Image")
Parameters:
    INDEX: Index of the image to delete

Del Sprite To START, END
Delete a range of images from the image bank (deprecated, use "Del Image To")
Parameters:
    START: Position of deletion
    END: End position of deletion

Ins Bob POSITION
Inserts an empty image in the Images bank (deprecated, use "Ins Image")
Parameters:
    POSITION: Position to insert at

Ins Bob To START, END
Inserts a number of empty images in the Images bank (deprecated, use "Ins Image To")
Parameters:
    START: Position of insersion
    END: End position of insertion

Del Bob INDEX
Delete an image in the Images bank (deprecated, use "Del Image")
Parameters:
    INDEX: Index of the image to delete

Del Bob To START, END
Delete a range of images from the image bank (deprecated, use "Del Image To")
Parameters:
    START: Position of deletion
    END: End position of deletion

Ins Image POSITION

Inserts an empty image in the Images bank

Parameters:

POSITION: Position to insert at

Ins Image To START, END

Inserts a number of empty images in the Images bank

Parameters:

START: Position of insersion

END: End position of insertion

Del Image INDEX

Delete an image in the Images bank

Parameters:

INDEX: Index of the image to delete

Del Image To START, END

Delete a range of images from the image bank

Parameters:

START: Position of deletion

END: End position of deletion

Make Mask INDEX

Create a transparency mask out of the full black color of an image in the Images bank (RGB = $000000)

Parameters:

INDEX: Index of the image work on

Make Mask NAME$

TOTEST! Create a transparency mask out of the full black color of an image in the Images bank (RGB = $000000)

Parameters:

NAME$: Name of the image work on

No Mask INDEX

TOTEST! Removes the transparency mask of an image in the Images bank, turning the image full opaque

Parameters:

INDEX: Index of the image work on

No Mask NAME$

TOTEST! Removes the transparency mask of an image in the Images bank, turning the image full opaque

Parameters:

NAME$: Name of the image work on

Hot Spot INDEX, X, Y

Set the hot-spot of an image in the Images bank

Parameters:

INDEX: Index of the image in the Images bank

X: Horizontal coordinate of the hot-spot

Y: Vertical coordinate of the hot-spot

Hot Spot INDEX, FLAGS

Calculates the hot-spot of an image in the Images bank

Parameters:

INDEX: Index of the image in the Images bank

FLAGS: Flag of bits indicating the horizontal and vertical position of the hot-spot, 0: top or left, 1: center or middle, 2: right or bottom. Example: $11 centers the hot-spot horizontally and vertically

Hot Spot INDEX, DIRECTION$

Returns the coordinate of the hot-spot of an image in the Images bank

Parameters:

INDEX: Index of the image in the Images bank

DIRECTION$: Use "x" rto get the horizontal position or "y" to get the vertical position

Value returned:

integer: The horizontal or vertical position of the hot-spot

Hot Spot NAME$, X, Y

Set the hot-spot of an image in the Images bank from the name of the image

Parameters:

NAME$: Name of the image in the Images bank

X: Horizontal coordinate of the hot-spot

Y: Vertical coordinate of the hot-spot

Hot Spot NAME$, FLAGS

Calculates the hot-spot of an image in the Images bank from the name of the image

Parameters:

NAME$: Name of the image in the Images bank

FLAGS: Flag of bits indicating the horizontal and vertical position of the hot-spot, 0: top or left, 1: center or middle, 2: right or bottom. Example: $11 centers the hot-spot horizontally and vertically

Hot Spot NAME$, DIRECTION$

Returns the coordinate of the hot-spot of an image in the Images bank from the name of the image

Parameters:

NAME$: name of the image in the Images bank

DIRECTION$: Use "x" rto get the horizontal position or "y" to get the vertical position

Value returned:

integer: The horizontal or vertical position of the hot-spot