KASM: A Live assembly-Based interpreter

KASM Is a simplistic Assembly based compiler which allows experimentation with types, interfaces, and values.

KASM Types

KASM Contains a type system which mainly acts with the (MOV) command.

MOV

MOV; The MOV Command specifies a predefined value into another value. (MOV => MOVE { Movement Of Value })

Usage is as shown.

MOV <value>

Some predefined types are:

- %d (I64 – FF)
- <any float l value>

WAIT

WAIT is a KASM Port of the UNIX sleep() function.

Usage is:

WAIT <Seconds>

MALLOC

MALLOC is a port of the C/C++ function malloc(), which allocates memory.

MALLOC usage is:

MALLOC <space>

CHSUM (CHECKSUM)

CHSUM Checks the sum of two given numbers, Intakes raw numbers, not strings.

Usage is:

CHSUM <num1> <num2>

LINE
LINE Prints a line of characters to stdout.
LINE was originally a way to test strings VS numbers / Other types.

Usage:

LINE <__str>

TK
Takes the value of a given stream.
Supported Streams:

- __SDCMSTR (Basically KASM Stream)
- __STDOUT (STDOUT)

Usage:
TK <stream>

I64
Numeric Type conversion.

Usage:

I64 <value>
OS
Returns the current Operating System.

Supported:

- Linux
- Unix
- Mac OS X
- Windows-NT

Usage:
OS

BR
Breaks and returns 0 to exit program.
HSTRY
Returns the history. Does not work yet.