# MAMA User Manual

Below are a list of commands available to the user:

## help

Usage:

help [ <command> | list ]

Description:

Prints help information to the console. Specifying <command> will print help information for a particular command. Specifying list will list all commands available to the user.

Examples:

help

help list

help setdate

## shutdown

Usage:

shutdown

Description:

Shuts down the system. Confirmation will be required before shutting down.

## version

Usage:

version

Description:

Displays the current version of the system.

Example:

version *-> Current version: R1*

## setdate

Usage:

setdate <month>.<day>.<year>

Description:

Sets the date of the system. <month> and <day> correspond to decimal values for the month and day of the date respectively. See table below for the correct mapping.

The supported date range is January 1, 2010 to December 31, 2099 inclusive.

|  |  |
| --- | --- |
| Month | Correct value for <month> |
| January | 1 |
| February | 2 |
| March | 3 |
| April | 4 |
| May | 5 |
| June | 6 |
| July | 7 |
| August | 8 |
| September | 9 |
| October | 10 |
| November | 11 |
| December | 12 |

Example:

Desired date = Thursday, August 26, 2021

<month> = 8 <day> = 26 <year> = 21

setdate 8.26.21

## getdate

Usage:

getdate

Description:

Displays the current date of the system.

Example:

getdate *-> Thursday, September 9, 2021*

## settime

Usage:

settime <hour>.<minute>.<second>

Description:

Set the time of the system. Since time is displayed in military time the valid range for <hour> is 0 to 23 inclusive. Both <minute> and <second> have a valid range of 0 to 59 inclusive.

Example:

Desired time = 22:13:34

<hour> = 22 <minute> = 13 <second> = 34

settime 22.13.34

## gettime

Usage:

gettime

Description:

Displays the current time of the system in military time. Time is displayed in H:M:S format.

Example:

gettime *-> 15:30:0*

## showalloc

Usage:

showalloc

Description:

Shows all memory blocks currently allocated on the system.

Example:

Showalloc

## showfree

Usage:

showfree

Description:

Shows all memory blocks currently free on the system.

Example:

Showfree

## isempty

Usage:

isempty

Description:

Displays whether or not the system is out of memory.

Example:

isempty