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@ASM
Syntax: Asm filename [<opts>] [<list>]
Usage : Standard NitrOS-9 Assembler
@ATTR
Syntax: Attr filename [<opts>] [<perms>]
Usage : Examine or change the security permissions of a file
Opts :
    -perm = turn off specified permission
        perm = turn on specified permission
    -a = inhibit printing of attrs after change
Perms :
    d - directory file
    s - non-sharable file
    r - read permit to owner
    w - write permit to owner
    e - execute permit to owner
    pr - read permit to public
    pw - write permit to public
    pe - execute permit to public
@BACKUP
Syntax: Backup [<opts>] [<srcdev>] [<destdev>]
Usage : Copies all data from one device to another
Opts :
    e = exit if read error occurs
    f = backup from file
    s = single disk backup
    -v = do not verify writes
@BINEX
Syntax: Binex <path1> <path2>
Usage : Convert Binary to S-Record format
@BUILD
Syntax: Build <path>
Usage : Builds short text files from standard input
@CHD
Syntax: Chd <pathlist>
Usage : Change working directory to specified path
@CHX
Syntax: Chx <pathlist>
Usage : Change execution directory to specified path
@CMP
Syntax: Cmp <path1> <path2>
Usage : File comparison utility
@COBBLER
Syntax: Cobbler <devname> [<opt>]
Usage : Creates NitrOS-9 bootstrap file from current boot
Opt :
    -e = permit fragmented boot. This should be used when
        fragmentation is reported.
@CONFIG
Syntax: Config
Usage : Create custom boots and system disks
@COPY
Syntax: Copy [<opts>] <srcpath> [<dstpath>] [<opts>]
Usage : Copies files
Opts :
    -a = abort on error
    -p = don't print files copied (use with -w)
    -r = rewrite destination
    -s = single drive copy
    -v = verify the copy
    -w=<dir> = copy to <dir>
    -x = copy from exec dir
@CPUTYPE
Syntax: CPUtype
Usage : Displays type of CPU being used
@DATE
Syntax: Date [<opts>]
Usage : Displays current system date
Opts :
    -t = display time also
@DCHECK
Syntax: Dcheck [<opts>] <devname>
Usage : Check disk file structure
Opts :
    -w=path = pathlist to directory for work files
    -p = print pathlists for questionable clusters
    -m = save allocation map work files

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    -b = suppress listing of unused clusters
    -s = display count of files and directories only
    -o = print options for DCheck
@DEBUG
Syntax: Debug
Usage : Interactive Debugger

Debug command summary:

[SPACE]expression      Evaluate expression; display result in
                        hex and decimal form.
.                       Display Dot address and contents.
..                      Restore last Dot address; display address
                        and contents.
.expression            Set Dot to result of expression; display
                        address and contents.
=expression            Set memory at Dot to result of expression.
-                       Decrement Dot; display address and
                        contents.
[ENTER]                Increment Dot; display address and
                        contents.

:                       Display all registers' contents.
:register               Display specified register's contents.
:register expression   Set specified register to result of
                        expression.

E module-name          Prepare for execution.
G                       Go to the program.
G expression            Go to the program at the address specified
                        by the result of expression.
L module-name          Link to module-name; display address.

B                       Display all breakpoints.
B expression            Set a breakpoint at the address specified
                        by expression.
K                       Kill (remove) all breakpoints.
K expression            Kill breakpoint at the address specified
                        by expression.

M expr1 expr2          Display memory from expr1 to expr2.
C expr1 expr2          Clear and test memory from expr1 to expr2.
S expr2 expr2          Search memory from Dot to expr1 for
                        value expr2.

$text                  Call OS-9 shell.

Q                       Quit (exit) debug.

The full manual is here:
https://sourceforge.net/p/nitros9/wiki/Interactive\_Debugger
@DED
Syntax: dEd (/device)
Usage : Binary Disk Editor
@DEINIZ
Syntax: Deiniz (devname) ((devname))
Usage : Detach one or more devices
@DEL
Syntax: Del [(opts)] (path) [(path)] [(opts)]
Usage : Deletes one or more files
Opts :
    -x = delete relative to execution directory
@DELDIR
Syntax: Deldir (path)
Usage : Deletes entire directories
@DEVS
Syntax: Devs
Usage : Display IOMan's device table entries
@DIR
Syntax: Dir [(opts)] [(path)]
Usage : Displays formatted list of the file names in a directory
Opts :
    -e = extended dir
    -x = execution dir
@DIRSORT
Syntax: dirsort [(path)]
        Default path is current directory .

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Dot names ., .., ..., etc. may be use and full or partial path names.
ex. dirsort graphics dirsort /dd/cmds dirsort ...
Usage : Sorts the contents of a directory placing all capitalized names first.
That will place subdirectories first if the convention of making
directory names upper case is followed. All deleted directory names
are placed invisibly placed at the end. That means new entries will
appear at the end of the directory list.

@DISASM

Syntax: Disasm [<opts>] [<pathlist>]

Usage : 6809/6309 disassembler

Opts :

- m = disassemble module in memory
- o = display other information
- s = indicate disassembly start and end
addresses: -s\$sssss\$eeee
- u = don't convert U/DP offsets to labels
- x = file is in execution directory
- z = disassemble from standard input

@DISPLAY

Syntax: Display <opts>

Usage : Displays converted characters to standard output

Opts :

- xx = hexadecimal
- .xx = decimal byte
- .Wxx = decimal word
- /xx/ = string
- "xx" = string

@DMODE

Syntax: DMode <devname> [params]

Usage : Displays or changes the parameters of an RBF device

@DSAVE

Syntax: Dsave [<opts>] [<to path>]

Usage : Generates procedure file to copy all files from the
current directory to <to path>

Opts :

- b = make a system disk by using OS9boot if present
- b=<path> = make system disk using path as source
- i = indent for directory levels
- i = do not process below the current level
- m = do not include mkdir commands in procedure file
- n = don't load copy/cmp
- r = force rewrite of file on copy
- s(num) = set copy size to num K
- t = don't issue tmode (pause/nopause)
- v = verify copies

Examples:

Create a script to copy /h0 to /h5 with forced rewrite:
chd /h0; dsave -r /h5) dsave.out

Immediately copy /d0 to /d1 with a 24K copy buffer:
chd /d0; dsave -s24 /d1 ! shell -p

@DUMP

Syntax: Dump [<opts>] [<path>] [<opts>]

Usage : Formatted file dump in hexadecimal and ASCII

Opts :

- h = no header
- m = module in memory
- x = file in exec dir

@ECHO

Syntax: Echo <text>

Usage : Echo entered text to standard output

@EDIT

Syntax: Edit [<path>]

Usage : Standard line oriented text editor

@ERROR

Syntax: Error <errno> [<errno> [...]]

Usage : Outputs text error message(s) for given error number(s)

The error messages are extracted from /DD/SYS/errmsg

@EX

Syntax: Ex <modname>

Usage : Chain to the given module

@EXBIN

Syntax: Exbin <path1> <path2>

Usage : Convert S-Record format to Binary

@FORMAT

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Syntax: Format <devname>
Usage : Initializes a NitroS-9 diskette
Opts  :
    R - Ready
    L - Logical format only
    "disk name"
    1/2 - number of sides
    'No. of cylinders' (in decimal)
    :Interleave value: (in decimal)
    /Cluster size/    (in decimal)
@FREE
Syntax: Free [<devname>]
Usage : Displays number of free sectors on a device
@GFX
Syntax: RUN GFX(<<func>,<args>)
Usage : Graphics interface package for BASIC09 to do compatible
        VDG graphics commands
@HELP
Syntax: Help [<subject>]
Usage : Give on-line help on subject
        will prompt if no subjects given

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The help text is extracted from the file /DD/SYS/helpmsg

Entries in helpmsg are in plain text. An entry for subject FOO starts with a line containing the text "@FOO". helpmsg is typically created by concatenating a set of per-subject .hp files.

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@IDENT
Syntax: Ident [<opts>] [<path> [<opts>]]
Usage : Displays header information from NitroS-9 memory modules
Opts  :
    -m = module in memory
    -s = short form
    -v = don't verify CRC
    -x = file in exec dir
@INIZ
Syntax: Iniz <devname> [<devname> [...]]
Usage : Attach one or more devices
@INKEY
Syntax: RUN INKEY([<path>],strvar)
Usage : BASIC09 subroutine to input a single key stroke
@IRQS
Syntax: Irqs
Usage : Display interrupt table entries
@KILL
Syntax: Kill <procId>
Usage : Send an abort to the process specified
@LINK
Syntax: Link <modname>
Usage : Link to a memory module
@LIST
Syntax: List <path> [<path> [...]]
Usage : Lists the contents of text files
@LOAD
Syntax: Load <pathlist> [<pathlist> [...]]
Usage : Loads modules into memory
@LOGIN
Syntax: Login
Usage : Timesharing System Log-In
@MAKDIR
Syntax: Makdir <pathlist>
Usage : Creates a new directory file
@MDIR
Syntax: Mdir [<opts>]
Usage : Displays the present memory module directory
Opts  :
    -e = print extended module directory
@MEGAREAD
Syntax: megaread [#####] (</dev>
Usage : Measures disk performance
Opts  : ##### = number of 1K blocks to read, default 1024
@MERGE
Syntax: Merge <path> [<path> [...]]
Usage : Copies multiple input files to standard output
Opts  :
    -z = get list of files from standard input
@MINTED

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Syntax : minted [<text>]
Usage : Minimalist text editor

Hot keys:

Ctrl+S = Save file
Ctrl+R = Rename file
Ctrl+K = Delete line
Ctrl+D = Duplicate line
Ctrl+O = Online help
Ctrl+E = Exit/esc
Ctrl+G = Go to line
ctrl+U = Undo
Cursor keys = Move cursor
Shift+Left = Delete left
Shift+Right = Delete right
Shift+Up = Page up
Shift+Down = Page down
Ctrl+Left = Go to line begin
Ctrl+Right = Go to line end

@MPI

Syntax: mpi

Usage : Displays presence of a Multi-Pak

@MFREE

Syntax: Mfree

Usage : Displays the amount of free RAM memory

@OS9GEN

Syntax: OS9Gen devname [<opts>]

Usage : Creates and links a NitroS-9 bootstrap file

Opts :

-e = extended boot (fragmented)
-q=<path> = quick gen .. set sector zero pointing to <path>
-r = remove pointer to boot file (does not delete file)
-s = single drive option
-t=<boottrack> = boot track file to use

@PADROM

Syntax: PadROM <padsizes> <pathlist> [<devname>] [<opts>]

Usage : Pads a file to 'padsizes' bytes

Opts :

-c=<char> = character to pad file with (in hex)

@PARK

Syntax: Park <devname> [<devname>]

Usage : Park the heads on a hard disk device

@PROCS

Syntax: Procs [<opts>]

Usage : Displays a list of processes running in the system

Opts :

-e = display all processes in the system

@PROMPT

Syntax: Prompt <message>

Usage : Prints message and waits for a key

@PWD

Syntax: Pwd

Usage : Prints the current data directory path

@PXD

Syntax: Pxd

Usage : Prints the current execution directory path

@RENAME

Syntax: Rename <pathlist> <filename>

Usage : Gives the file or directory a new name

@SAVE

Syntax: <path> <modname> [<modname> [..]]

Usage : Save memory module(s) in a file

@SETIME

Syntax: Setime [yyyy/mm/dd hh:mm:ss]

Usage : Sets and activates the system clock

@SETPR

Syntax: Setpr <procId> <num>

Usage : Sets the priority of the specified process to num

@SHELL

Syntax: Shell <arglist>

Usage : NitroS-9 command interpreter

@SLEEP

Syntax: Sleep <ticks>

Usage : Suspend process for a period of time

@TEE

Syntax: Tee [<path>]

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Usage : Copy standard input to multiple output paths
@TMODE
Syntax: Tmode [,<path>] [<params>]
Usage : Displays or changes the operating parameters of the terminal
@TOUCH
Syntax: Touch [<opts>] <path> [<opts>]
Usage : Update the date of a file
Opts :
    -c = don't create files
    -q = don't quit on error
    -x = search execution directory
    -z = get files from standard input
    -z=<file> get files from <file>
@TSMON
Syntax: TSMon [<pathlist>]
Usage : Timesharing monitor
@TUNEPRT
Syntax: Tuneprt <device> [<value>]
Usage : Adjust the baud value for the serial port
@UNLINK
Syntax: Unlink <modname>
Usage : Unlinks one or more modules from memory
@VERIFY
Syntax: Verify [<opts>]
Usage : Verify or update module header and CRC
Opts :
    -u = update module during check
@XMODE
Syntax: XMode <devname> [<params>]
Usage : Displays or changes the parameters of an SCF device
@DMEM
Syntax: DMem [<block> | -<id>] [<offset>] [<length>]
Usage : Displays raw memory from a block or offset
@GFX2
Syntax: RUN GFX2([<path>],<func>,<args>)
Usage : Graphics interface package for BASIC09 to handle enhanced
        graphics/windowing commands.
@GRFDRV
Syntax: none
Usage : Graphics Driver module, needs to be loaded to
        handle graphics/windowing commands
@BASIC09
Syntax: Basic09
Usage : Basic language package
@RUNB
Syntax: Runb <i-code module>
Usage : BASIC09 run time package
@WCREATE
Syntax: Wcreate [<opts>]
        Wcreate /wX [-s=type] xpos ypos xsiz ysiz fcol bcol [<bord>]
Usage : Initialize and create windows
Opts :
    -? = display help
    -z = read command lines from stdin
    -s=type = set screen type for a window on a new screen
@MMAP
Syntax: MMap
Usage : Display NitROS-9 memory map (Level 2)
@MODPATCH
Syntax: Modpatch <pathlist> [<opts>]
Usage : Patch a module in memory from command file
Opts :
    -s = silent mode
    -w = suppress warnings
    -c = compare module only, do not change
    -? = receive help
Cmds :
    L modname = link to module
    C off obyte nbyte = change obyte at off(set) to nbyte
    V = verify module
    M = mask IRQs
    U = unmask IRQs
@MONTYPE
Syntax: Montype [<opts>]
Usage : Set monitor type
Opts :
    -r = rgb monitor

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-c = composite monitor
-m = monochrome monitor
@PMAP
Syntax: PMap
Usage : Display NitroS-9 process map (Level 2)
@PROC
Syntax: Proc
Usage : Displays a list of processes running in the system
@REBOOT
Syntax: ReBoot
Usage : Reboots the Color Computer 3
@SMAP
Syntax: SMap
Usage : Display NitroS-9 system memory map (Level 2)
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