
Index

- ACIAPAK 5-6, 5-7, 6-96
- active state 4-2
- address 2-4
 - memory 4-5
- allocate memory for devices 6-55
- alpha mode B-3
 - select B-10
- alphanumeric mode B-1
- ampersand separator 3-6
- append files 6-68
- application program 1-3
- arglist 6-2
- ASCII 2-5
 - control characters B-1
 - convert 6-38
- ASM 3-2
- asterisk, editor 7-3
- ATTR 2-10, 6-5
- attribute 2-5, 2-8, 2-10, 6-5
- auto-answer modem 6-96, 6-108
- background
 - color B-7
 - process 3-7
 - task 4-1
 - screen 5-2
- backspace 6-93
 - character 6-94, 6-106, 6-107
 - editor 7-2
 - over line 6-93, 6-106
- BACKUP 5-4, 6-7
- backup a directory 6-39
- BASIC09 2-5, 2-6, 3-13, B-1
- baud rate 5-4, 5-5, 5-6, 6-96, 6-98, 6-109
- begin a window 6-103
- bell
 - character 6-95, 6-108
 - sound B-10
- bit 2-1
 - stop 5-5, 5-6
 - user 2-11
- bitmap 2-5
- block
 - number 4-5
 - devices 1-2
- bootstrap 5-1
 - file 5-2
- box graphics B-3
- brackets 6-3
- buffer 3-7, 7-2
 - edit 7-1
 - secondary 7-1
 - text 7-1
- BUILD 2-6, 3-10, 6-10, 6-71, 6-75
- built-in commands 3-1, 3-11
- byte 2-1
- carriage return B-10
- CC3Disk 5-1
- CC3Go 5-2
- CC3IO 5-1, B-2
- chaining programs 6-44
- change
 - attributes 2-10, 2-11
 - directory 6-12, 6-91, 6-84
 - file name 6-84
 - priority 3-12, 6-88
 - system parameters 6-93
- character
 - ASCII 2-5
 - delete 6-107
 - devices 1-2
 - backspace 6-94, 6-106, 6-107
 - bell 6-95, 6-108
 - delete line 6-94, 6-107
 - dup 6-95, 6-107
 - end-of-file 6-94, 6-107

- character (*cont'd*)
 - end-of-record 6-94, 6-107
 - lowercase B-1
 - pause 6-95, 6-108
 - quit 6-95, 6-108
 - reprint 6-95, 6-107
 - terminate 6-95, 6-108
 - uppercase B-2
- CHD 3-11, 6-12
- check disk structure 6-25
- child process 3-6, 4-2
- CHX 3-11, 6-12
- circle
 - draw B-9
 - erase B-9, B-10
- clear
 - screen B-5
 - to end-of-line B-4
- clock 5-2
- cluster 2-4, 2-5
- CMDS directory 5-1, 5-3, 5-4
- CMP 6-14
- COBBLER 6-16, 6-72
- code
 - alpha mode control B-4
 - cursor B-5
 - object 2-7
 - position-independent 4-8
 - re-entrant 4-6
- color
 - background B-7
 - foreground B-7, B-8
 - select B-10
 - set, graphics B-7
- combine files 6-68
- command
 - grouping 3-2, 3-9
 - help 6-51
 - interpreter 6-90
 - line 3-1, 3-2
 - parameters, editor 7-3
 - separator 3-1, 3-5
 - summary, editor 7-55
- command codes
 - alpha mode B-4
 - graphics B-7
- commandname 6-2
- commands
 - ASM 3-2
 - ATTR 2-10, 2-11, 6-5
 - BACKUP 6-7
 - BUILD 2-6, 3-10, 6-10, 6-71, 6-75
 - built-in 3-11
 - CHD 3-11, 6-12
 - CHX 3-11, 6-12
 - CMP 6-14
 - COBBLER 6-16, 6-72
 - CONFIG 5-2, 5-3, 5-4, 6-18
 - COPY 2-3, 3-6, 4-8, 6-22
 - DATE 6-24
 - DCHECK 6-25
 - DEINIZ 6-30
 - DEL 6-31
 - DELDIR 2-3, 6-33
 - DIR 2-6, 2-9, 6-35
 - DISPLAY 6-38
 - DSAVE 6-39
 - DUMP 2-8, 6-72
 - ECHO 6-42
 - edit macro 7-28
 - editor 7-2
 - ERROR 5-2, 6-43
 - EX 3-11, 6-44
 - FORMAT 6-46
 - FREE 6-49
 - GET 2-6
 - HELP 6-51
 - i 3-11
 - IDENT 3-3, 6-52
 - INIZ 6-55
 - KILL 3-12, 6-56
 - LINK 6-58
 - LIST 2-3, 2-5, 2-8, 3-4, 6-59
 - LOAD 4-7, 6-61

commands (*cont'd*)

- MAKDIR 2-3, 2-11, 6-63
- MDIR 6-64
- MERGE 6-68
- MFREE 6-69
- MODPATCH 6-70
- MONTYPE 6-74
- OS9GEN 5-2, 5-3, 6-76
 - p 3-12
- PROCS 3-7, 4-2, 6-80
- PUT 2-6
- PWD 6-82
- PXD 6-82
- RENAME 6-84
- RUNB 3-13
- SEEK 2-6
- SETIME 5-3, 6-86
- SETPR 3-12, 6-88
- SHELL 3-6, 6-90
- t 3-12
- TMODE 6-93
- TUNEPOR 6-98
- UNLINK 4-7, 4-8, 6-100
 - w 3-12
- WCREATE 6-103
- x 3-12
- XMODE 5-4, 5-5, 5-7, 6-106
- comment, in a program 3-12
- compare files 6-14
- concurrent
 - execution 3-5, 6-91
 - mode 3-10
 - process 3-9
 - task 4-1
- CONFIG 5-2, 5-3, 5-4, 6-18
- control
 - characters, ASCII B-1
 - keys, editor 7-2
- convert to ASCII 6-38
- COPY 2-3, 3-6, 4-8, 6-22
- copy
 - a directory 6-39
 - diskettes 6-7
- CPU 4-1
 - priority 6-88
- CRC 2-7, 6-71
- create
 - a directory 6-63
 - a file 6-10
 - OS9Boot 6-16, 6-76
 - process 3-6
 - system diskette 5-3, 5-4, 6-16, 6-18, 6-76
- current
 - directory 4-4, 6-12
 - processes 6-80
- cursor
 - on/off B-5
 - codes B-5
 - control B-1, B-4
 - graphics B-6, B-8
 - home B-4
 - move B-5, B-10
- cyclic redundancy checksum 2-7
- data format 2-1
- data output, halt 7-3
- data
 - redirect 3-4
 - input/output 1-2
 - passing 4-4
 - process 2-1
 - sending 2-1
 - transfer 2-1
- DATE 6-24
- date 2-5
 - set 6-86
- day 6-2
- DCHECK 6-25
- deallocate a device 6-30
- DEINIZ 6-30
- DEL 6-31
- delay, not ready 5-6
- DELDIR 2-3, 6-33

delete

- a character 6-107
- a directory 6-33
- a line 7-3
- a memory module 4-7,
6-100
- files 6-31
- line character 6-94,
6-107
- lines, editor 7-10

descriptor

- device 1-2
- file 2-3

detach a device 6-30

device

- allocate memory 6-55
- block-oriented 1-2
- character 1-2
- deallocate 6-30
- descriptor 1-2, 5-1
- driver 1-2, 2-1, 5-1
- driver initialization
6-55
- name 2-12, 2-13
- window 2-12 - 2-13

devname 6-2

DIR 2-6, 2-9, 6-35

directory 2-2, 2-3

- attribute 2-8
- change 6-12, 6-91
- change name 6-84
- CMDS 5-1, 5-3, 5-4
- copy 6-39
- create 6-63
- current 4-4, 6-12
- delete 6-33
- list 6-35
- module 4-6
- ownership 2-8
- SYS 5-1, 5-4
- view 6-82
- working 6-12

dirname 6-2

disable echo 6-94, 6-107

disk

- cluster 2-4
- file 2-3, 2-4
- I/O 3-8
- initialization 6-46
- names 2-12
- ownership 2-8
- sector 2-4
- structure, check 6-25
- raw I/O 3-8
- unused sectors 6-49

diskette

- copy 6-7
- density 2-5
- tracks 2-5
- system 2-2

DISPLAY 6-38

display

- a directory 6-35
- current processes 6-80
- date and time 6-24
- error message 6-43
- execution directory 6-82
- file contents 6-59
- free memory 6-69
- graphics B-7
- help 6-51
- memory module names
6-64
- messages 6-42
- on next line 7-2
- text, editor 7-6
- unused disk sectors 6-49
- working directory 6-82

double density 2-5

draw

- a circle B-9
- a line B-8, B-10

drivers, device 1-2

DSAVE 6-39

DUMP 2-8, 6-72

dup character 6-95, 6-107

duplicate

- last line 6-95
- line 6-107

- ECHO 6-42
- echo 6-92
 - enable/disable 6-94, 6-107
- edit
 - buffer 7-1
 - commands, EDIT 7-5
 - pointer 7-1, 7-2, 7-7
- EDIT, editor 7-5
- editor 7-1
 - backspace 7-2
 - command summary 7-55
 - command syntax 7-4
 - commands 7-2
 - control keys 7-2
 - delete lines 7-10
 - error messages 7-59
 - getting started 7-4
 - insert lines 7-10
 - interrupt 7-3
 - numeric parameters 7-3
 - quick reference 7-55
 - searching 7-13
 - substituting 7-13
 - terminate 7-2
 - text file operations 7-18
 - using the asterisk 7-3
- ellipsis 6-3
- enable echo 6-94, 6-101
- end graphics B-8
- end-of-file
 - terminate 7-2
 - character 6-94, 6-101
- end-of-line
 - clearing B-4
 - erase B-10
- end-of-record character 6-94, 6-107
- erase
 - a circle B-9, B-10
 - a line B-10
 - graphics B-8
 - line B-4, B-8, B-9
 - point B-9
- erase (*cont'd*)
 - to end-of-line B-10
- Errmsg 5-2
- ERROR 5-2, 6-43
- error 3-12, 6-92
 - message file 5-2
 - messages, editor 7-59
 - output 6-91
 - path 3-4
- establish a directory 6-63
- EX 3-11, 6-44
- exclamation mark separator 3-8
- execute
 - a program 6-90
 - permission 2-9, 2-10
- execution
 - concurrent 3-5, 6-91
 - modifier 3-1, 3-3
 - sequential 3-5, 3-6, 6-91
- fields 2-6
- file 2-2 - 2-4
 - attribute 2-8
 - change name 6-84
 - compare 6-14
 - copy 6-22
 - create 6-10
 - delete 6-31
 - descriptor 2-3
 - descriptor sector 2-5
 - display contents 6-59
 - load in memory 6-61
 - merge 6-68
 - manager 5-1
 - OS9Boot 5-4
 - ownership 2-8
 - pointer 2-4
 - procedure 2-6, 3-10, 3-11
 - random access 2-6
 - security 2-8
 - single-user 2-8
 - size 2-5

file (*cont'd*)

- Startup 2-6, 5-1, 5-3,
5-4
- text 2-5
- filename 2-3, 6-2
- fill portion of screen B-9
- flood fill B-9, B-10
- floppy disk names 2-12
- fonts 5-2
- foreground color B-7, B-8
- fork 3-7, 4-6
 - request 4-3
- FORMAT 6-46
- FREE 6-49
- generate messages 6-42
- GET 2-6
- getting started, editor 7-4
- graphic window fonts 5-2
- graphics B-1
 - color set B-7
 - command codes B-7
 - cursor B-6, B-8
 - mode, select B-10
 - end B-8
 - erase B-8
 - medium resolution B-6
 - VDG B-6
- group 2-7
- grouping, commands 3-9
- halt data output 7-3
- hardware 1-2
- header
 - information 6-52
 - module 2-7, 3-3, 4-7
- HELP 6-51
- hex 6-2
- hexadecimal code display
6-38
- home
 - alpha cursor B-9
 - cursor B-4
- hours 6-2

I-code 3-13

- I/O
 - paths 3-4
 - transfers 3-8
 - raw 3-8
- ID, process 4-4
- IDENT 3-3, 6-52
- images, pointer 5-2
- immortal
 - process 6-91
 - shell 3-11
- INIT 5-1
- initialize
 - a disk 6-46
 - a window 6-103
- INIZ 6-55
- input 2-1
 - lines 3-12
 - path 3-4
 - redirect 6-91
 - standard 4-4
- insert lines, editor 7-10
- interpreter, commands 6-90
- interprocess communication
3-7
- interrupt editor 7-3
- IOMAN 1-2, 1-3, 5-1
- kernel 1-1, 1-2
- keyboard 1-1
- keyword 3-1 - 3-3
- KILL 6-56
- kill 3-12
 - a directory 6-33, 6-33
 - files 6-31
- length
 - of video page 6-94
 - word 5-5, 5-6, 6-96,
6-109
- line
 - backspace 6-93, 6-106
 - delete, editor 7-3
 - draw B-8, B-10
 - duplicate 6-95

- ul style="list-style-type: none; padding-left: 0;">
- line (*cont'd*)
 - duplication 6-107
 - erase B-4, B-8, B-9, B-10
 - syntax 6-1
- linefeed 6-94, 6-107
- lines, command 3-1
- LINK 6-58
- LIST 2-3, 2-5, 2-8, 3-4, 6-59
- list
 - a directory 6-35
 - current processes 6-80
 - memory module names 6-64
 - segment 2-5
 - with program files 2-8
- LOAD 4-7, 4-7, 6-61
- lock a module 6-58
- lockout 2-11
- logical sector 2-3, 2-4
- lowercase 6-93, 6-106
 - characters B-2
- machine language 3-12
- macro text editor 7-1
- macros, edit 7-25
- MAKDIR 2-11, 2-3, 6-63
- management, memory 4-5
- manager
 - pipe 1-2
 - random block 1-2
- mark space 6-95, 6-108
- MDIR 6-64
- MDM kill 5-6, 5-7
- medium resolution graphics B-6
- memory
 - address 4-5
 - allocation 3-1
 - display free 6-69
 - load a file into 6-61
 - management 1-1, 4-5
 - size modifier 3-3
- memory modules
 - lock 6-58
- memory modules (*cont'd*)
 - unlink 6-100
 - deleting 4-7
 - display names 6-64
- MERGE 6-68
- messages with ECHO 6-42
- messages, error 6-43
- MFREE 6-69
- minutes 6-2
- MMU 4-5
- mode, alpha B-3
- mode
 - alphanumeric B-1
 - concurrent 3-10
 - semigraphic B-1
- modem 1-1, 5-6, 5-7
 - auto-answer 6-108
 - name 2-12
- modifier 3-1 - 3-3
 - execution 3-1, 3-3
 - memory size 3-3
 - redirection 3-5
- modname 6-2
- MODPAK 5-7
- MODPATCH 6-70, 6-71, 6-72, 6-73
- module 1-3
 - deleting memory 4-7
 - directory 4-6
 - header 2-7, 3-3, 4-7
 - header information 6-52
 - loading 4-7
 - lock in memory 6-58
 - primary 4-3
 - program 2-7
 - unlink 4-8
- month 6-2
- MONTYPE 6-74, 6-75
- move cursor B-4, B-5, B-10
- multiprogramming 4-1
- multitasking 1-1
- name
 - device 2-12, 2-13
 - modem 2-12

- name (*cont'd*)
 - printer 2-12
 - program 3-3
 - terminal 2-12
- next line, display 7-2
- not ready delay 5-6
- notations, syntax 6-1
- null count 6-94, 6-107
- number
 - priority 3-12
 - user 2-8, 4-4
- numeric parameters, editor 7-3
- object code 2-7
- operating system 1-3
- opts 6-2
- OS9Boot 5-1, 5-4
 - create 6-16, 6-76
- OS9Gen 5-2, 5-3, 6-72, 6-76
- OS9p2 5-1
- output 2-1
 - error 6-91
 - path 3-4, 4-4
 - redirect 3-11, 6-91
- owner 2-5, 2-8
- page length, video 6-107
- pages 3-3
- paint B-9
- parameter 3-1, 4-4
 - change system 6-93
 - command editor 7-3
- paramlist 6-2
- parent process 4-2
- parity 5-6, 5-7, 6-95, 6-108
- passing data 4-4
- pathlist 6-2
- paths 2-1
 - I/O 3-4
 - output 4-4
 - standard 3-4, 6-93
- patterns, semigraphic B-2
- pause 6-94
 - character 6-95, 6-108
 - screen 6-107
- permission 6-2
 - execute 2-9, 2-10
 - read 2-9, 2-10
 - write 2-9, 2-10
- physical sector 2-4
- PIC 4-8
- pipe 1-2, 3-7, 5-1
- pipelines 3-7, 3-8
- PIPEMAN 5-1
- Piper 5-1
- point
 - erase B-9
 - set B-8, B-10
- pointer
 - edit 7-1, 7-2
 - editor 7-7
 - file 2-4
 - images 5-2
- port 1-2
- port, RS-232 5-4, 6-109
- position alpha cursor B-9
- position-independent 2-7
 - code 4-8
- prepare a disk 6-46
- preset screen B-7
- previous line repeat 7-2
- primary module 4-3
- PRINTER 5-1
- printer 1-1, 1-2
 - name 2-12
 - test 6-98
- priority
 - number 3-12
 - change 6-88
 - process 4-2, 4-4
- procedure file 2-6, 3-10, 3-11
- process
 - background 3-7
 - chaining 6-44
 - child 3-6
 - create 3-6
 - current 6-80

- process (*cont'd*)
 - data 2-1
 - fork 3-7
 - ID 4-4
 - memory size 6-91
 - priority 4-2, 4-4
 - properties 4-4
 - sibling 4-3
 - state 4-2
 - terminate 6-56
 - time sharing 4-1
- processor time 4-1
- procID 6-2
- PROCS 3-7, 4-2, 6-80
- program
 - application 1-3
 - chaining 6-44
 - comments in 3-12
 - execution 6-90
 - modules 2-7
 - name 3-3
 - size 3-3
- prompt 3-12
- prompting 6-92
- properties, process 4-4
- public 2-9, 2-10
- PUT 2-6
- PWD 6-82
- PXD 6-82

- quick reference, editor 7-55
- quit character 6-95, 6-108

- RAM 4-5
- random access 1-2
 - files 2-6
- random block file manager 1-2
- rate, baud 5-4, 5-5, 5-6, 6-96, 6-98, 6-109
- raw I/O 3-8
- RBF 5-1
- read 2-1, 2-11, 2-4
 - permission 2-10, 2-9
- readers 3-8

- record 2-2, 2-6
 - lockout 2-11
- redirect
 - data 3-4
 - input 6-91
 - output 6-91
- redirection 3-1
 - modifiers 3-4, 3-5
 - output 3-11
 - symbols 3-5
- re-entrant code 4-6
- remove
 - directory 6-33
 - files 6-31
 - memory module 6-100
- RENAME 6-84
- repeat previous line 7-2
- reprint character 6-95, 6-107
- reserved characters 3-3
- ROOT 2-2, 2-3
- route data 3-4
- RS-232 5-1, 5-4, 6-96, 6-109
- run-time module 3-12
- RUNB 3-13

- SAVE 6-72
- SCF 5-1
- screen
 - alpha B-5
 - background 5-2
 - clear B-5
 - control B-1
 - pause 6-94, 6-107
 - preset B-7
- scroll pause 6-94, 6-107
- searching, editor 7-13
- secondary buffer 7-1
- seconds 6-2
- sector 2-4
 - copy 6-7
 - displayed unused 6-49
 - file descriptor 2-5
 - logical 2-3

- security
 - file 2-8
 - permission 6-5
- SEEK 2-6
- segment list 2-5
- select
 - alpha mode B-10
 - color B-10
 - graphics mode B-10
- semicolon, sequential execution 3-6
- semigraphic
 - mode B-1
 - patterns B-2
- sending data 2-1
- separator 3-1
 - ampersand 3-6
 - command 3-5
 - exclamation mark 3-8
- sequential execution 3-5, 3-6, 6-91
- set a window 6-103
- set a point B-8, B-10
- set priority 3-12
- SETIME 5-3, 6-86
- SETPR 6-88
- share time 4-1
- shell 1-3, 3-1-3-3, 3-8, 6-3
- SHELL 3-6, 6-90
- show
 - a directory 6-35
 - error message 6-43
 - execution directory 6-82
 - file contents 6-59
 - free memory 6-69
 - header information 6-52
 - memory module
 - names 6-64
 - working directory 6-82
- sibling processes 4-3
- sign bit 2-2
- simultaneous execution 3-5
- single-user file 2-8
- SIO 5-1
- size
 - file 2-5
 - process memory 6-91
 - program 3-3
- slash in device names 2-13
- sleeping 4-3
- software fonts 5-2
- sound bell B-10
- standard input 4-4, 6-93
- standard paths 3-4, 6-93
- start a window 6-103
- Startup 2-2, 2-6, 5-1, 5-3, 5-4, 6-75
- state 4-2, 4-2
- Stdfonts 5-2
- Stdpaths 5-2
- Stdptrs 5-2
- stop bit 5-5, 5-6
- string parameters, editor 7-4
- subdirectory 2-3
 - delete 6-33
- submanager 1-2
- subshell 3-10
- substituting, editor 7-13
- summary, commands 6-3, 6-4
- super user 6-56
- switch screen B-5
- symbols, redirection 3-5
- syntax 6-1
- SYS directory 5-1, 5-4
- system
 - administrator 1-1
 - date 6-86
 - disk create 5-3, 5-4
 - parameters 6-93
 - priority 6-88
 - time 6-86
- system diskette 2-2
 - create 6-16, 6-18, 6-76
- task, background 4-1
- term 1-1
- TERM 5-1
- TERM-VDG 6-96
- TERM-WIN 6-109

- terminal name 2-12
- terminals 1-2
- terminate
 - a character 6-95, 6-108
 - a process 6-56
 - the editor 7-2
 - on error 6-92
- test delay loop 6-98
- text 6-2, B-2
 - buffers 7-1
 - display, editor 7-6
 - editing 7-1
 - file operations, editor 7-18
 - files 2-5
- tick 4-1, 4-2
- tickcount 6-2
- time 2-5, 6-24
 - sharing, process 4-1
 - CPU 4-1
 - processor 4-1
 - set 6-86
- timeslice 4-1, 4-2
- TMODE 6-93
- tracks 2-5
- transfer, I/O 3-8
- transferring data 3-7
- TUNEPOR 6-98
- turn on
 - cursor B-5
 - echo 6-92
 - prompting 6-92
- type 5-7
 - ACIA 6-96, 6-108
 - of window 6-103
 - value 5-7
- UNLINK 4-7, 4-8, 6-100
- unused disk sectors 6-49
- update mode 2-11
- uppercase 6-93, 6-106
 - characters B-2
- user
 - bit 2-11
 - number 2-8, 4-4
- value 6-2
 - type 5-7
- variable 6-1
- VDG graphics B-6
- video 1-1
 - page length 6-94, 6-107
- view
 - current processes 6-80
 - error messages 6-43
 - working directory 6-82
- waiting state 4-3
- WCREATE 6-103
- window 5-2
 - alpha mode controls B-3
 - descriptor 2-12
 - initialization 6-103
 - type 6-103
- word length 5-5, 5-6, 6-96, 6-109
- working directory 6-12
- write 2-1, 2-4, 2-11
 - permission 2-9, 2-10
- XMODE 5-4, 5-5, 6-106
- year 6-2