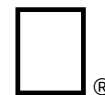


# Macintosh Technical Notes



## Developer Technical Support

June 1992

## Index

**Note:** Trap names can appear in two different places: under the name of the trap alphabetically and at the end of the index, preceded by an underscore (\_).

107,744 280	
%_InitObj.....	105
%_MethTables.....	93, 105
%_SelProcs.....	93
'030.....	129, 230
-mc68881.....	146
.Aout driver.....	249
.ATP driver.....	224, 250
.Bout driver.....	102, 102
.ENET driver.....	271
.MPP driver.....	224, 250, 311
.Print driver.....	102
.XPP driver.....	250, 270
/BERR.....	292
/HALT.....	292
1.4 MB.....	230
1.44 MB.....	230
128K ROM.....	198, 224, 232
24-bit addressing.....	212, 213, 285
24-bit mode.....	213, 228, 229
32-bit addressing.....	212, 275, 285
32-bit bus.....	230
32-bit clean.....	212
32-bit clean ROM.....	176
32-bit mode.....	205, 213, 228, 229
32-Bit QuickDraw.....	193, 229, 275, 276, 277, 289
32K barrier.....	256
4 Mbit DRAMs.....	176
400K disk.....	70
68000 PDS.....	230
68030 PDS.....	230
80-bit format.....	146
800K disk.....	70
8•24 GC Display Card.....	289
96-bit format.....	146
@ operator.....	42, 117
A/UX.....	212, 229, 278, 283, 284
system calls.....	283
A0.....	228
A5.....	25, 136, 180, 208, 239, 256
A5Init.....	256
A5Size.....	256
AAddNode.....	311
ABPasIntf.....	132
ABridge.....	9
absolute pointing device.....	266
abusive.....	276
accelerator upgrades.....	285
acceptChildDiedEvents.....	205
acceptSuspendResumeEvents.....	205
access error.....	292
access privileges.....	186
accRun.....	248
AClose.....	311
Action Atom.....	75
Activate Palette.....	211
ad-hoc.....	292
ADB.....	143, 160, 206, 266
boot process.....	206
cables.....	206
driver installation.....	206
microcontroller.....	206
references.....	206
service routine.....	206
ADBRInit.....	143
ADBS.....	206
AddDrive.....	36, 108
AddNode.....	311
AddReference.....	2
AddResMenu.....	191, 198
address arithmetic.....	213
addressing.....	212, 213
24-bit.....	212, 213
32-bit.....	213
ADelNode.....	311
AEP.....	270
ADEV.....	311
AFP.....	186, 195
afraid to ask.....	171
AGetInfo.....	311
AGetNodeRef.....	311
AIInstall.....	311
Alarm Clock.....	85, 184
Allegro Common Lisp.....	231
AllocContig.....	218
allSlaveBlockSizes.....	288
alpha version.....	189
ALRT.....	23
alternate screen.....	113
alternate screen buffer.....	2, 126

alternate sound buffer.....	2, 126	ATTransNetworkTransition.....	311
ANSI.....	208	ATTransOpen.....	311
ANSI C.....	246, 313	ATTransSpeedChange.....	311
AOpen.....	311	audio CD-ROM.....	66
app4Evt.....	158	auto-polling.....	206
APPL.....	29	automatic style substitution.....	198
Apple Desktop Bus.....	160, 206, 266, 271	autoTrack.....	196
Apple Desktop Bus Manager.....	206	auxiliary window list.....	227
Apple HD SC Setup.....	134	AUX_FS_FREE_SPACE.....	229
Apple menu.....	85, 180, 184	back off algorithm.....	270
Apple Sound Chip.....	19, 230, 268	BackColor.....	73
AppleCD SC.....	293	background.....	158, 180, 192
AppleShare.....	66, 114, 115, 116,	printing.....	192
.....	137, 165, 167, 186, 216, 229	process.....	180
AppleTalk.....	9, 20, 121, 132, 133, 142, 195, 199,	bad block sparing.....	287
.....	201, 224, 225, 250, 270, 311, 313	badMoveErr.....	229
AppleTalk Echo Protocol.....	270	baseAddr.....	41, 275
AppleTalk Filing Protocol.....	186, 195	BCD.....	189, 293
AppleTalk Manager.....	9, 195, 199, 201, 224, 225,	BCLR.....	2
.....	250, 270	Berkeley 4.2 File System.....	229
AppleTalk Phase 2.....	249, 250, 270, 311	beta version.....	189
AppleTalk Session Protocol.....	195	bHasPersonalAccessPrivileges.....	186
AppleTalk Transaction Proto.....	9, 20, 270	BigBro.....	256
AppleTalk Transition Queue.....	250, 311	binary coded decimal.....	293
Apple_Driver.....	258	bitmap.....	41, 117, 120, 193, 277
applFont.....	191	BitMapRgn.....	193
application.....	29, 48, 192, 211, 242	BitMapToRegion.....	193
font.....	192, 242	black and white.....	276
palette.....	211	Black Lectroids.....	247
signature.....	29, 48	blessed folder.....	20, 67, 129, 229
application parameters.....	256	block servers.....	20
ApplZone.....	2	block transfers.....	288
array-dialog-item.....	231	BNDL.....	29, 48, 147, 210, 217
arrow keys.....	160	Bo3bdar.....	139
artificial intelligence.....	231	boards.....	234
ASC.....	19	boot blocks.....	113, 134
asexual.....	247	boot time.....	247
ASIC.....	271, 291	BootDrive.....	77
ASP.....	195	booting.....	134
assembly language.....	200, 223	brain-damaged.....	248
asynchronous.....	249, 271	break, serial.....	56
driver.....	249	BSET.....	2
I/O.....	271	BufPtr.....	2, 81, 285
serial communication.....	249	bug	
atDrvVrsNum.....	129, 250	ADB.....	206
atom.....	75, 75	Allegro Common Lisp.....	231
ATP.....	9, 20, 270	AppleShare.....	137
ATPGetRequest.....	20	ChangedResource.....	188
ATPLoad.....	20, 224	FCBPBRec.....	87
ATPPBPTr.....	199	GetVInfo.....	157
ATPResponse.....	20	LaserWriter.....	192
ATPUserData.....	250	LaserWriter ROMs.....	123
ATTransCableChange.....	311	MacApp.....	280
ATTransCancelClose.....	311	MPW.....	200
ATTransCancelNameChange.....	311	PBLockRange.....	186
ATTransClose.....	311	PrGeneral.....	173
ATTransClosePrep.....	311	Script Manager.....	264
ATTransNameChangeAskTask.....	311	SCSI.....	96
ATTransNameChangeTellTask.....	311	SCSI Manager.....	258

TEScroll.....	22	checksum.....	7, 258
TextEdit.....	82, 131, 267	checkSumFlag.....	311
WaitNextEvent.....	177	Chooser.....	197
bundle.....	40, 48, 147, 189	ChooserBits.....	250
Bus Error Exception Processing.....	292	cicn.....	275
bus error handler.....	292	CInfoPbRec.....	204
bus locking.....	221	ckid.....	269
bus master.....	288	Class Info Table.....	239
byte smearing.....	282	CleanupDeRezzedViews.....	280
byteCount.....	171	clearDev.....	215
C 164, 166, 200, 246, 265		click-click mode.....	260
C++.....	265	clikLoop.....	82
C++.....	281	clikStuff.....	127
cable.....	10, 65	clip region.....	59, 72
video.....	144	clipping.....	72
Cable Range Transition Event.....	311	ClipRect.....	59
cache.....	117, 261	CLOS.....	231
CacheCom.....	81	Close.....	278
caching.....	81	close transition.....	250
calcCRgns.....	212	CloseASWorld.....	256
CallAddr.....	250	CloseResFile.....	116
callback procedures.....	265	CloseWD.....	218
callback routines.....	256	CLUT.....	120, 244
calling conventions.....	256	clut.....	277
canBackground.....	158, 180, 205, 231	CMOS.....	291
canceling.....	263	CODE.....	220, 228, 256
card power allocation.....	260	code	
cards.....	234	segment.....	53
NuBus.....	288	self modifying.....	117
caring.....	161	code module.....	256
case sensitive.....	229	color.....	277
CatMove.....	218	cursor.....	244
CCR.....	2	dialog.....	231
CD-ROM.....	66, 229, 293	look-up table.....	120, 277
disc formats.....	209	mapping.....	277
driver.....	271, 293	menu.....	231
Foreign File Access.....	209, 293	models.....	259
formats.....	209	printing.....	73, 120
High Sierra.....	209	table.....	277
ISO 9660.....	209	Color QuickDraw.....	41, 73, 120, 129, 163,
Primary Vol. Descriptor.....	209	.....	230, 244, 259, 275, 277
Standard Identifier Field.....	209	colorization.....	163, 277
Validator.....	209	Command key.....	263
CD001.....	209	Command-period.....	263
CDEF.....	23, 196, 212	Common Lisp Object System.....	231
message parameter.....	196	common signal.....	230
param parameter.....	196	compact disc.....	209, 293
cdev.....	215, 251	CompactMem.....	51
IIfx Serial Switch.....	271, 284	compatibility.....	2, 25, 83, 103, 117, 126, 129,
keyboard.....	160	.....	155, 156, 176, 212, 227, 229, 230, 232,
messages.....	215	.....	268, 271, 273, 282, 284
cdFlags.....	277	HFS.....	44
cell rectangle pointer.....	279	large-screen displays.....	100
CGrafPort.....	120, 211, 259	Standard File.....	47
ChangedResource.....	188	compleat.....	274
Char2Pixel.....	207	completion routine.....	180
character spacing.....	72	compressed data.....	171
CharWidth.....	26, 82	condition code register.....	2
CheckRslRecord.....	173	configuration file.....	115

Connect Control Blocks.....	161	dCtlRefNum.....	56
connector, external drive.....	10	dCtlStorage.....	266
consenting user.....	276	DDP.....	9, 270
control call.....	272	dead key.....	160
control definition functions.....	196	dead keys.....	263
Control Manager.....	196, 203, 212	death.....	276
Control Panel.....	134, 215, 251	death by ROM.....	117
Control Panel Device.....	215, 251	death dwarf.....	168
controlErr.....	161	debugger FKEY.....	256
ControlHandle.....	197	debugging.....	7, 42, 51, 151, 235
controls.....	197	Declaration ROM.....	230
coprocessor.....	235, 236	declaration ROM.....	288
copy protection.....	117	decoding PICTs.....	171
CopyBits.....	55, 163	deferred task.....	221
copyDev.....	215	Deferred Task Manager.....	271
CopyMask.....	163	definition procedure.....	227
CopyPalette.....	211	Delay.....	2
Coral Software.....	231	depth.....	276
countryCode.....	189	dereferenced handle.....	232
CPUFlag.....	2	dereferencing.....	213
CreateResFile.....	101, 214	design.....	227
creator.....	29	derived class.....	307
csCode.....	272	desk accessory.....	5, 23, 184, 248
csParam.....	262, 272	DeskHook.....	247
CTRL.....	23	Desktop.....	194, 210, 247
CTS.....	56	Desktop Bus.....	206
ctseed.....	277	Desktop file.....	29, 48, 134, 210
CurDirStore.....	80	limitations.....	210
CurrentA5.....	25, 136	destRect.....	237
CURS.....	215	development version.....	189
cursing.....	244	Device Control Entry.....	248, 272
cursorDev.....	215	device driver.....	56, 71, 184, 187, 229, 258, 262, 278
curSysEnvVers.....	129	Device Manager.....	197, 257, 262, 272, 293
CUST.....	135	device packages.....	197
custom WDEF.....	290	device server.....	20
cutDev.....	215	device-independent printing.....	122, 152
CWindow.....	211	Diagnostic Raw Track Dump.....	272
CWindowPtr.....	120	dialog	
damn the fragmentation.....	281	filter.....	34
DashedLine.....	91	hook.....	47
DashedStop.....	91	item.....	112
data cache.....	261	item text behavior.....	267
Data Cycle Fault Address.....	292	modeless.....	5
Data Delivery Protocol.....	270	user item.....	34
Data Fork.....	203	Dialog Manager.....	203, 251, 267
data server.....	20	DialogSelect.....	34
data structures.....	227	DIBadMount.....	70
Datagram Delivery Protocol.....	9, 270	DirCreate.....	218
dataHandle, in WindowRecord.....	79	direct color device.....	275
dates.....	264	Direct Memory Access.....	285
DB-19.....	10	directory name.....	226
DB-25.....	10	DirID.....	69, 77, 140, 229, 238, 246
DB-9.....	10	disc.....	209
dBoxProc.....	180	discipline.....	117, 151
DCE.....	71, 108, 187, 248, 250, 272	disk drive, foreign.....	28
dCtlDriver.....	71, 248	Disk Driver.....	272
DCtlEntry.....	266	disk driver.....	287
dCtlPosition.....	187, 272	SCSI.....	285
DCtlQHDr.....	250	disk errors.....	287

Disk First Aid.....	94, 134	end-of-line.....	127
disk initialization.....	70	end-of-line character.....	229
Disk Initialization Package.....	287	EndFormsPrinting.....	91
DisposeASWorld.....	256	EnumerateCatalog.....	68
ditherCopy.....	275, 277	env68030.....	129
DITL.....	23, 251	envExtISOADBKbd.....	129
DIZero.....	70	environsVersion.....	129
DlgCopy.....	215	envMacII.....	129
DlgCut.....	215	envMacIci.....	129
DlgDelete.....	215	envMacIcx.....	129
DlgPaste.....	215	envMacIfx.....	129
DLOG.....	23	envMacIix.....	129
DMA.....	221, 261, 285	envPortable.....	129
burst transfer.....	230	envPortADBKbd.....	129
dNeedTime.....	248	envPortISOADBKbd.....	129
DoCaret.....	82	envSE30.....	129
DoDraw.....	82	envSelTooBig.....	129
doFace.....	207	envStdISOADBKbd.....	129
doToggle.....	207	EOF.....	188
double-sided disk.....	70	Erase calls.....	72
downloading font.....	217	Erase Disk.....	287
dQDrvSize.....	36	ERIK.....	126
draft mode.....	72	error handling, bus errors.....	292
DraftBits.....	128	errors, NuBus.....	292
DragHook.....	247	ETAB.....	84
DRAM.....	176	EtherTalk.....	250, 271, 311
dRamBased.....	71	event	
DrawChar.....	26	key code.....	160
drawCntl.....	196	key-down.....	263
DrawControls.....	203	mask.....	202
drawing.....	41, 60, 275, 277	mouse-moved.....	205
icons.....	55	network.....	142
off screen.....	120, 277	queue.....	229
on the desktop.....	194	Event Manager.....	202, 229
DrawPicture.....	21, 59	EventAvail.....	194
DrawString.....	26	evil.....	247
DrawText.....	207	Excellent CD.....	293
drive number.....	77	exception.....	2
drive queue.....	36, 108	exception handler.....	292
Drive Status.....	272	Exception Stack Frame.....	292
driver.....	71, 108, 221, 248, 282	Exception Vector Table.....	292
name.....	102	executable code resource.....	228
serial.....	56	exitserver.....	91
drivers.....	283	expansion cards.....	230, 254, 255
drop folder.....	165	expansion interface.....	230
DrvQEl.....	36	Extended.....	146
DrvInstall.....	108	Extended Keyboard.....	206
DrvRemove.....	108	LEDs.....	206
EDisk driver.....	255	extensible applications.....	256
EDisks.....	255	external drive.....	10
Edit.....	84	external file system.....	66, 229
EditText.....	251	external routines.....	135
EFNT.....	84	external termination.....	273
Eject Disk.....	272	faceless background task.....	205
ejection, premature.....	106	fake handle.....	117
Electronic Disks.....	255	fall through.....	161
Elms881.....	146	FBsyErr.....	180
empty objects.....	72	FCB.....	102, 229
end-of-file, range lock.....	186	FCBPBRec.....	87

FCBSPtr.....	102	strike resource.....	198
FCMT.....	29	style attribute.....	198
fcfb.....	198	styled.....	198
fdComment.....	29	system.....	191
fdFlags.....	40	FONT.....	30, 92, 191
FDHD.....	230	FONT.....	198, 237, 245
fdopen.....	246	font file.....	217
features.....	227	Font Manager.....	72, 191, 198
fgnd.....	167	Font Name Mapping Table.....	191
file cache.....	313	Font Registration Program.....	245
file filter.....	47	Font/DA Mover.....	6, 23, 191, 198
File Manager.....	66, 186, 203, 204, 218, 226, 238, 246, 287	fontForce.....	242
file servers.....	20	fopen.....	246, 246
FILE struct.....	246	ForeColor.....	73
file system.....	24, 44, 66, 67, 68, 69, 77, 81, 87, 94, 102, 106, 107, 108, 130, 140, 157, 179, 190	foreground application.....	167
filename.....	107	Foreign File Access.....	293
length.....	229	forgiving.....	264
filter procedure.....	34	Format Disk.....	272
filterProc.....	203	FormsPrinting.....	91
FindDIItem.....	112	FPByteRangeLock.....	186
Finder.....	28, 40, 48, 114, 116, 126, 134, 147, 189, 194, 202, 205, 210, 313	FPGetFileDirParms.....	137
file comments.....	210	FPIAR.....	236
flags.....	40	FPMove.....	137
launching.....	126	FPSetFileParms.....	137
sublaunching.....	126	FPU.....	129, 146, 236
FindWord.....	182	FractEnable.....	91, 92
FKEY.....	3	fractional line width.....	91
flag-counter byte.....	171	fractional width font.....	26
flag settings.....	276	fractional widths.....	72
Flagship Naming Service.....	311	fragmentation.....	281
flashing menu items.....	222	Franz Inc.....	231
flckdErr.....	229	frComment.....	29
floating-point		FREF.....	29, 48, 217
arithmetic.....	236	fRefNum.....	246
exception.....	235	FRESTORE.....	235
unit.....	129, 146	FSAVE.....	235
Floppy Drive, High Density.....	230	FScaleDisable.....	92
FMOVE.....	235	FSClose.....	102
FOBJ.....	29	FSFCBLen.....	66
Focus.....	280	FSOpen.....	102
FOND.....	191, 192, 198, 242, 245	fsread.....	246
font.....	30	full speed ahead.....	281
association table.....	198	fwrite.....	246
color table.....	198	GCR format.....	230, 272
downloadable.....	217	GDevice.....	79, 120
family description.....	198	gdRect.....	79
family ID.....	242, 245	General-Purpose Input.....	286
family name.....	198	Get Info.....	28, 147, 189, 210
family number.....	191, 198, 245	GetAppFiles.....	77
fractional width.....	26	GetAppleTalkInfo.....	250
height table.....	30	GetBridgeAddress.....	132
icon.....	217	GetDctlEntry.....	71
name.....	191, 198	GetFNum.....	191
resources.....	198	GetFontName.....	191
scaled.....	26	GetFontNumber.....	191
strategy.....	191	getFrontClicks.....	205
		GetIcon.....	55
		GetIndVolume.....	24
		GetIText.....	18

GetLocalZones.....	250, 270	HClrRBit.....	2
GetMenu.....	78	HCreate.....	218
GetMyQDVars.....	256	HCreateResFile.....	214
GetMyZone.....	250	HD SC Setup.....	134
GetNewControl.....	203	heap zone.....	248
GetNewDialog.....	4, 34	heat dissipation.....	260
GetNewWindow.....	4	height table.....	30
GetNextEvent.....	3, 5, 85, 194	heuristic.....	270
GetOSEvent.....	85	HFS.....	2, 44, 66, 67, 68, 69, 77, 81, 87, 94, 101, 102, 106, 107, 108, 130, 140, 157, 179, 190, 204, 218, 229, 238, 246, 287, 293
GetPalette.....	211	partition.....	229
GetPhysical.....	285	HGetState.....	2
GetPixBaseAddress.....	275	High Sierra.....	66, 209, 293
GetQDGlobs.....	256	high-density disks.....	230
GetResBase.....	6	HLock.....	2
GetResource.....	4, 154	HNoPurge.....	2
GetRotn.....	128	HoldMemory.....	285
GetRslData.....	128, 173	hook.....	279
GetStylScrap.....	207	HOpenResFile.....	214
GetSysJust.....	267	horse-whipped.....	280
GetTrapAddress.....	2	HParamBlockRec.....	66, 204
GetVInfo.....	157	HPurge.....	2
GetVol.....	77, 140	HSetRBit.....	2
GetWDInfo.....	218	HSetState.....	2
GetWMgrPort.....	194	HUnlock.....	2
GetZoneList.....	250, 270	HwCfgFlags.....	212
gHaveAUX.....	238	HyperCard.....	168
gimmie.....	276	background printing.....	168
globals.....	104, 208, 227	bombs.....	168
in stand-alone code.....	256	bug.....	168
QuickDraw.....	256	dialing the telephone.....	168
space.....	223	file format.....	168
glue.....	219	find.....	168
glue code.....	256	globals and XCMDs.....	168
good time.....	248	HyperTalk.....	168
GPI.....	286	importing text.....	168
GrafPort.....	41, 252	launching.....	168
grapher.....	231	on idle.....	168
graphics device.....	120, 276	playing sounds.....	168
graphics tablet.....	266	printing problems.....	168
GrayRgn.....	79, 194	resource forks.....	168
Group Coded Recording.....	230, 272	selecting text.....	168
grow zone function.....	136	text word wrap.....	168
GWorld.....	277, 289	the heap space.....	168
gzProc.....	233	visual effects.....	168
hand-feed paper.....	33	HyperCard 'snd ' resource.....	168
handle.....	155, 213	HyperTalk.....	168
dereferenced.....	213	I/O.....	246
fake.....	117	I/O processor.....	271
nil.....	7, 117	IAC.....	180
HandleObject.....	281	ICN#.....	29, 48, 55, 147, 217, 252
hard disk.....	134, 159	ICON.....	23, 55, 253
Hard Disk 20.....	272	icons in menus.....	253
HardRockCocoJoe.....	246	ID=33.....	151
hardware.....	234	IEEE specification.....	234
hardware access.....	229	IIfx Serial Switch cdev.....	271
hasColorQD.....	129, 230	iIOAbort.....	161
HasDepth.....	276	image operator.....	73
hasFPU.....	129, 236		
HashString.....	29		

ImageWriter.....	3, 33, 72, 73, 95, 128	ioVFndrInfo.....	67
AppleTalk.....	124, 125	ioVFrBlks.....	157
iMemFullErr.....	161	ioVFSID.....	66
IMMED.....	2, 44	ioVNmAlBlks.....	157
in-line		ioVSigWord.....	66
assembly language.....	126	ioWDDirID.....	140
glue routines.....	208	ioWDProcID.....	77, 190
IncludeProcSet.....	192	IPC.....	180, 289
indm.....	75	iPrAbort.....	161
infr.....	75	iPRBitsCtl.....	192
INIT.....	129, 247, 256	iPrSavePFil.....	161
initDev.....	251	is32BitCompatible.....	205
initgraphics.....	91	IsDialogEvent.....	5
initializing Managers.....	129	ISO.....	293
InitMenus.....	211	ISO 9660.....	66, 209
initMsg.....	197	it hurts when I do that.....	281
InitPalettes.....	211	itemIcon.....	253
InitWindows.....	53	itl0.....	153, 264
inrl.....	75	itl1.....	153
Installer.....	75	itl2.....	153, 178
installing memory.....	176	itlb.....	153, 160
instruction cache.....	261	itlc.....	153, 160, 178
interapplication comm.....	180	IUGetIntl.....	153, 242
interface.....	247	IUStrData.....	178
international.....	241, 242, 243	IWM.....	2
keyboards.....	263	jADBProc.....	206
internet.....	9, 270	Jane's Heap.....	248
interprocess communication.....	180, 289	Japanese Macintosh Plus.....	138
interrupt.....	85, 206, 221, 271	jGNEFilter.....	85
handler.....	25, 278	jimmies.....	55
latency.....	221	jump out.....	161
priorities.....	257	jump table.....	220, 239, 256
service routine.....	180	justification.....	267
intersegment function call.....	220	KanjiTalk.....	138
INTL.....	153	KbdType.....	160
intlForce.....	242	KCHR.....	153, 160, 263
intrasegment function call.....	220	kernal.....	229
inZoomIn.....	79	key code.....	160
inZoomOut.....	79	key mapping.....	160, 263
ioCompletion.....	130	key-down event.....	263
ioDirID.....	77	Key1Trans.....	160
ioDrParID.....	226	Key2Trans.....	160
ioFCBIdx.....	87	keyboard	
ioFDirIndex.....	69	Apple Desktop Bus.....	160
ioFileType.....	102	driver.....	143
ioFIFndrInfo.....	40	identifying.....	160
ioFlNum.....	77	ISO.....	160
ioFlVersNum.....	102	Macintosh.....	160
ioFVersNum.....	204	Macintosh Plus.....	160
ioNamePtr.....	69, 179	keypad.....	160
ioNewDirID.....	226	Kill I/O.....	272
ioNewName.....	226	KillAllGetReq.....	250
IOP.....	271, 284	KillGZProc.....	233
Bypass mode.....	271	KillNBP.....	199
ioPosMode, fsFromLEOF.....	186	kludge.....	280
ioPosOffset.....	187	KMAP.....	160
ioVClpSize.....	204	LAddAEQ.....	250
ioVDRefNum.....	106	LAP.....	9
ioVDrvInfo.....	106	Lap Manager.....	250



large capacity media.....	210	MacinTalk.....	268
large-screen displays.....	100	Macintosh.....	
Laser Prep.....	152	Ici.....	144
LaserShare.....	133	Ifx.....	271, 273
LaserWriter.....	72, 91, 123, 128, 133, 152, 175, 183, 192, 198, 217	Iix.....	230
latency.....	285	LC.....	144, 291
launch.....	126	Portable.....	254, 255
LaunchFlags.....	126	SE/30.....	230
layer.....	180	Video Card.....	144, 262
LazyPass.....	256	Macintosh OS.....	229, 278
LDEF.....	279	MACL.....	231
LeadingEdge flag.....	241	MacPaint.....	3, 86, 171
LeftSide flag.....	241	MacsBug.....	7, 113, 271, 313
LGetAEQ.....	250	magnetic media.....	287
line.....	279	main entry point.....	256
line breaks.....	92	major switching.....	180
line layout.....	72, 91, 92	MakeA5World.....	256
line width, fractional.....	91	master.....	288
lineHeight.....	237	master pointer.....	7, 53, 228
LineLayoutOff.....	72, 91	block.....	53
LineLayoutOn.....	91	master pointers.....	213
LineStarts.....	267	math coprocessor.....	235, 236
lInitMsg.....	279	MaxApplZone.....	103
LINK.....	88	maxDevice.....	120
Link Access Protocol.....	9	MBAR.....	23
linker.....	256	MBarHeight.....	117
Lisp.....	231	MBDF.....	23, 227
list definition procedure.....	279	MC68020.....	282
List Manager.....	203, 279	MC68030.....	261, 282, 292
listDefProc.....	203	MC68040.....	292
Listen RO.....	206	MC68881/MC68882.....	146, 235, 236
live installation.....	75	mChooseMsg.....	222
LkUp.....	270	MDEF.....	23, 172, 194, 222
Lo3Bytes.....	213	MDS.....	103
lock & eject tabs.....	234	MDS Edit.....	84
lock range.....	186	media errors.....	287
LockMemory.....	285	MemErr.....	7
LockMemoryContiguous.....	285	memory.....	
logical address space.....	285	configuration.....	176
LongDateRec.....	264	jumper.....	176
LongDateTime.....	264	leaks.....	307
lookup request.....	225	size resistor.....	176
low-level format.....	287	memory allocation.....	281
low-level printing.....	124	Memory Management Unit.....	2, 228, 230, 261
low-memory.....	2	Memory Manager.....	41, 205, 213, 219, 228, 229, 252
globals.....	117, 212	MemTop.....	285
IPRDocOpen.....	192	MENU.....	23, 222
IPRPageOpen.....	192	menu.....	
IReadDispatch.....	311	flashing.....	222
IRect.....	279	record.....	222
LRmvAEQ.....	250	menu bar definition proc.....	227
Luke.....	72	Menu Manager.....	222, 253
MABuild.....	280	menuItem.....	253
Mac. Allegro Common Lisp.....	231	MenuList.....	85
MacApp.....	220, 239, 265, 280, 313	methods.....	265
MacApp.Lib.....	280	MFM format.....	230, 272
machine-specific signal.....	230	MFS.....	44, 66, 68, 102, 204
machineType.....	129	MFTempHandle.....	205

minor switching.....	180	Apple menu.....	180
MMU.....	2, 228, 230, 260, 313	background application.....	180
modal dialog.....	34, 247	grow zone proc.....	233
ModalDialog.....	34, 203	IAC.....	180
modeless dialog.....	34	IPC.....	180
Modified Frequency Mod.....	230, 272	launching.....	126, 180
modifyReadOnly.....	269	Open document.....	205
monitor		Quit application.....	205
cable.....	144	SADE.....	205, 271
NEC MultiSync.....	144	scrap.....	180
sense signals.....	144	sleep.....	177
Sony Multiscan.....	144	splash screen.....	180
Taxan Super Vision 770.....	144	sublaunching.....	126
VGA.....	144	switching.....	180
Monitors cdev.....	276	System 6.0.....	205
monochrome display.....	230	UnmountVol.....	180
moral of this story.....	234	WaitNextEvent.....	177
MoreMasters.....	53	working directory.....	190
mouse.....	10	multiFinderAware.....	205
mouse-moved event.....	205	multinode addresses.....	311
mouseDown.....	205	multiple bus masters.....	261
mouseRgn.....	205	multiple inheritance.....	281
mouseUp.....	205	Multiple Node Architecture.....	311
MoveHHi.....	103, 111	MyWindowDef.....	256
moving files.....	226	naked.....	280
MPNT file.....	86	Name Binding Protocol.....	9, 199, 225, 250, 270, 311
mPopupMsg.....	172	narrow GrafPort.....	60
MPPOpen.....	224	NBP.....	9, 199, 225, 250, 270, 311
MPPBPPtr.....	199	nbpDuplicate.....	225
MPW.....	103, 121, 146, 193, 200, 223,	NBPLookUp.....	9, 20
.....	240, 256, 281	NBPRegister.....	20
%_MethTables.....	93, 105	negZcbFreeErr.....	151
%_SelProcs.....	93	nested procedures.....	265
68881.....	235	network event.....	142
assembly language.....	200	Network File System.....	229
bugs.....	200	network installation.....	75
C.....	164, 166, 200, 232, 313	network router.....	270
globals from assembly.....	104	Network Transition Event.....	311
linker.....	93	NetWrite.....	311
Object Pascal.....	105	NewGWorld.....	277
OS Interface Library.....	200	NewHandle.....	7, 117
Pascal.....	200	NewHandleClear.....	219
Projector.....	269	NewHandleSys.....	219
SANE.....	235	NewHandleSysClear.....	219
Toolbox Library.....	200	NewPtrClear.....	219
tools.....	239	NewPtrSys.....	219
version 2.0.2.....	200	NewPtrSysClear.....	219
version 3.0.....	129, 200, 208, 219	NFNT.....	30, 198, 245
_DataInit.....	93	NFS.....	229
{\$LOAD}.....	93	NGetTrapAddress.....	156
{MC68881-}.....	146	nil, handle.....	117
MS-DOS.....	230	nil, pointer.....	117
mst#.....	205	nirvana.....	168
mstr.....	205	nmFlags.....	184
multi-screen environment.....	79	nmMark.....	184
Multidisk Installer.....	75	nmPrivate.....	184
MultiFinder.....	2, 126, 158, 177, 180, 185,	NMRec.....	184
.....	190, 194, 202, 205, 233	nmRefCon.....	184
A5.....	180	nmReserved.....	184

nmResp.....	184	OSLstEntry.....	288
nmSIcon.....	184	OSUtils.h.....	208
nmSound.....	184	OSUtils.p.....	208
nmStr.....	184	out-of-sequence.....	9
nmType.....	184	overdrawing power.....	260
nmTypErr.....	184	overrated.....	265
no component area.....	234	owned resource.....	6
no woman.....	21	PACK -4096.....	197
no cry.....	21	PackBitsRect.....	171
node.....	270	PackBitsRgn.....	171
noDraftBits.....	128	packed data.....	171
non-breaking space.....	274	Paged Memory Mgmt. Unit.....	2, 228, 230, 261
non-exactly-once.....	9	Palette Manager.....	211
non-Macintosh systems.....	240	PAP.....	133
non-Roman script systems.....	242, 267	paper motion.....	33
NOP.....	271	ParamBlockRec.....	204
NoSuchRsl.....	161	parameter passing.....	256
Notification Manager.....	184, 229, 247	parent directory.....	226
nrct -4096.....	197	parity RAM.....	176
NSendRequest.....	270	Pascal.....	200, 265, 313
NSetPalette.....	211	pasteDev.....	215
nsvErr.....	24	patching traps.....	213, 227
NuBus.....	221, 230, 234, 260, 261, 271, 275, 278, 282, 288, 289, 292, 313	pathname.....	238
expansion cards.....	260	pathname separator.....	229
extender board.....	148	Pattern.....	86
power limits.....	260	patType.....	275
nulls.....	107	PBGetCatInfo.....	68, 69
nullScrap.....	207	PBGetFCBInfo.....	87
numericVersion.....	189	PBGetFileInfo.....	68
NumVersion.....	189	PBGetFInfo.....	24
Object Class.....	239	PBGetVInfo.....	24, 44, 157
object inspector.....	265	PBGetWDInfo.....	77, 190
Object Pascal.....	239, 265	PBHGetVInfo.....	24, 67, 77, 106, 157
object-oriented programs.....	220	PBHOpen.....	204
objects.....	239, 281	PBHSetVol.....	140
off-line volume.....	106	PBMountVol.....	134
off-screen		PBOpenRF.....	74
bitmap.....	41, 163, 277	PBOpenWD.....	77, 190
pixel map.....	120, 277	PBRead.....	187
old-style colors.....	259	PBSetVInfo.....	204
onlyBackground.....	205	PBStatus.....	262
OOP.....	220, 239	PBWrite.....	187
Open.....	102	PC.....	228
open transition.....	250	PCL.....	231
OpenA5World.....	256	PDS.....	230, 254, 291
OpenDriver.....	249	period.....	263
OpenPicture.....	21	Persist.....	256
OpenPort.....	155, 194	physical memory.....	285
OpenResFile.....	46, 46, 78, 101, 185, 214	PicComment.....	91, 175, 181
OpenRF.....	74	picFrame.....	59
OpenRFPerm.....	116, 185	picPolyClo.....	91
OpenSocket.....	20	PICT.....	23, 274
OpenWD.....	218	PICT file.....	154, 171
OpNotImpl.....	161	PICT2.....	171, 275
optimizing compilers.....	208	PictFontInfo.....	275
opWrErr.....	185	picture.....	21, 59, 181
ordered address comparison.....	213	picture comment.....	72, 91, 175
OSDispatch.....	158	application-defined.....	181
		picVersion.....	21

PID.....	269	PREC 201.....	192
pin-feed paper.....	33	PrError.....	161
pinout.....	10, 65	PrGeneral.....	72, 128, 161, 173
video.....	144	primary volume descriptor.....	209
PixData.....	171	print action routine.....	174
pixel		print dialog.....	95
alignment.....	277	Print Land.....	161
image.....	120	Print Monitor.....	184, 192
map.....	120, 193, 277	printable paper area.....	72
pixel map.....	289	PrintDefault.....	122
Pixel2Char.....	207, 241	printer	
PixMap.....	41, 120, 163, 275, 289	driver.....	2
Pixmap32Bit.....	275	shared.....	125
pixmapTooDeepErr.....	193	Printer Access Protocol.....	133
PixPat.....	275	printing.....	72, 192
pLaunchStruct.....	126	color.....	73, 120
PlotIcon.....	55	device independent.....	72, 122
PlotSICN.....	252	device-independent.....	152
pltt.....	211	document name.....	149
PmBackColor.....	211	driver.....	72, 161, 217
pmBootSize.....	258	error handling.....	161
PmForeColor.....	211	forms.....	91
PMMU.....	230	high-level calls.....	192
PMSP.....	69, 77, 101, 214	low-level calls.....	124, 192
pmVersion.....	275	picture comment.....	72
PNTG file.....	86	selected printer.....	72
pointer.....	155, 213	spool/print-a-page.....	125
dereferenced.....	213	spooling.....	72
nil.....	117	time out.....	161
pointing device.....	266	printing look.....	161
PolyBegin.....	91	Printing Manager.....	72, 161, 192
PolyEnd.....	91	privileged instructions.....	229
PolyIgnore.....	91	PrJobDialog.....	72, 95, 161
PolySmooth.....	91	PrJobInit.....	95
Poor Man's Search Path.....	69, 77, 101, 214	PROCEDURE parameters.....	265
popup menu.....	172	procedure pointer.....	42
PopUpMenuSelect.....	156	processor.....	292
port.....	249	processor direct slot.....	230, 254
Portable Common LOOPS.....	231	processor ROM.....	255
PortAUse.....	249	ProcPtr.....	184
PortBUse.....	224, 249	ProDOS.....	230
PortID.....	250	program counter.....	228
portInUse.....	249	Projector.....	269
portNotCf.....	249	PrOpenDoc.....	161
portRect.....	59	PrOpenPage.....	72
posCntl.....	196	proprietary 68000 systems.....	240
POST.....	91	protected environment.....	229
PostScript.....	72, 91, 123, 152, 175, 183, 192, 217	protocol handler.....	201
position-independent.....	183	protocol violation.....	235
PostScriptBegin.....	91	PrSetError.....	161
PostScriptEnd.....	91	PrStlDialog.....	72, 95, 161
PostScriptFile.....	91	PrStlInit.....	95
PostScriptHandle.....	91	PrValidate.....	72, 122, 128, 149
potential nastiness.....	250	PSetSelfSend.....	250
power budget.....	254, 260	pseudo-DMA.....	96
PrCloseDoc.....	161	public System Folder.....	229
PrClosePage.....	72	PurgeMem.....	51
PrDlgMain.....	95	QDError.....	275
PREC 103.....	192	qFlags.....	250

qLink.....184  
qType.....184  
queue.....2  
QuickDraw.....21, 26, 41, 55, 59, 60, 72,  
.....120, 154, 163, 171, 181, 193, 198,  
.....203, 259, 275, 277, 289  
    color.....73, 120, 129, 163, 277  
    global variables.....223, 256  
    internal picture definition.....21  
    speed.....277  
    text measuring.....26  
    transfer mode.....277  
race condition.....9  
Radius.....100  
RAM.....176, 313  
    EDisks.....255  
    expansion slot.....176  
RAMSDOpen.....249  
range locking/unlocking.....186  
RAS-access time.....176  
raw keycode.....160  
re-entry.....248  
Read.....187  
Read-Modify-Write.....271  
readOnly.....269  
ReadPacket.....201  
ReadRest.....201  
real time.....221  
Receiving Packets.....311  
reduced icon.....253  
reentrancy.....285  
refNum.....184  
refnum.....250  
region.....193  
regions.....72  
RegisterName.....225  
release notes.....274  
remapping key codes.....160  
removable media.....285  
RemoveNode.....311  
reqCableLo.....311  
reqCableHi.....311  
resChanged.....111  
ResEdit.....40, 231, 274  
ResError.....116, 185, 214  
ResErrProc.....78  
RESET.....278  
ResLoad.....50  
resNotFound.....161  
resource.....141, 228  
    ADBS.....206  
    ALRT.....23  
    APPL.....29  
    atom.....75  
    BNDL.....29, 48, 147, 210, 217  
    CDEF.....23, 196, 212  
    cicn.....275  
    ckid.....269  
    clut.....120, 244, 277

CODE.....220, 228, 256  
CTRL.....23  
CURS.....215  
CUST.....135  
DITL.....23, 251  
DLOG.....23  
EFNT.....84  
ETAB.....84  
FCMT.....29  
fctb.....198  
fgnd.....167  
file.....46  
file header.....61  
FKEY.....3, 256  
FOBJ.....29  
FOND.....191, 192, 198, 242, 245  
FONT.....30, 198, 237, 245  
fork.....74  
FREF.....29, 48, 217  
ICN#.....29, 48, 55, 147, 217, 252  
ICON.....23, 55, 253  
ID.....23, 203  
indm.....75  
infr.....75  
INIT.....129, 247, 256  
inrl.....75  
installation.....75  
INTL.....153  
itl0.....153, 264  
itl1.....153  
itl2.....153, 178  
itlb.....153, 160  
itlc.....153, 160, 178  
KCHR.....153, 160, 263  
KMAP.....160  
LDEF.....279  
maximum number of.....141, 210  
MBAR.....23  
MBDF.....23, 227  
MDEF.....23, 172, 194, 222  
MENU.....23, 222  
mst#.....205  
mstr.....205  
NFNT.....30, 198, 245  
nrct -4096.....197  
owned.....23  
PACK -4096.....197  
PICT.....23, 274  
pltt.....211  
POST.....91  
PREC.....192  
reserved type.....32  
SICN.....160, 252, 253  
SIZE.....158, 180, 205, 231  
SMAP.....274  
snd.....168  
STR.....29, 48  
sysz.....293  
vers.....189, 274

WDEF.....	23, 79, 194, 212, 256	.....	241, 242, 243, 245, 263, 264, 267
XCMD.....	256	ScriptCheck.....	75
Resource Manager.....	198, 203, 204, 210, 214, 232, 252	scripting.....	75
ResourcePS.....	91	ScrnBase.....	117
response procedure.....	184	SCSI.....	134, 159, 271, 273
RestoreA5.....	136, 208	connector.....	65
RestoreA5World.....	256	driver.....	258
RestoreGZProc.....	233	termination.....	273
result code.....	117	SCSI device.....	293
Resume event.....	180	SCSI disk drivers.....	285
retry mechanism.....	270	SCSI Manager.....	96, 212, 258
Return Drive Info.....	272	pseudo DMA.....	96
Return Format List.....	272	SCSICmd.....	96
Return Media Icon.....	272	SCSIComplete.....	96
Return Physical Drive Icon.....	272	SCSIGet.....	96
Rez.....	189, 197, 269	SCSIRBlind.....	96
RGBColor.....	120	SCSIRead.....	96
rgnTooBigErr.....	193	SCSISat.....	96
RJ-11.....	10	SCSIWBlind.....	96
RmveReference.....	2	SCSIWrite.....	96
ROM		SearchProc.....	289
checksum.....	139	secondary sound buffer.....	113
debugger.....	38	secondary video buffer.....	113
EDisks.....	255	see your dentist.....	265
expansion.....	255	segment.....	53, 307
SIMM.....	176, 230	numbering.....	231
ROM85.....	117	Segment Loader.....	220, 256
ROMBase.....	100	segments.....	256
ROMMapInsert.....	78	selected printer.....	72
RotateBegin.....	91	SendRequest.....	250, 270
RotateCenter.....	91	SerHShake.....	56
RotateEnd.....	91	serial connector.....	10, 65
round trip.....	270	serial driver.....	56, 249, 283, 284
router.....	250, 270	Serial Manager.....	229
roving allocation scheme.....	229	Serial Switch cdev.....	284
rowBytes.....	117, 277	SerStatus.....	56
rPage.....	33, 72	servers.....	20
rules.....	227	Set Tag Buffer.....	272
run-time environment.....	240	SetA5.....	208
Runtime.o.....	256	SetA5World.....	256
SADE.....	280	SetCtlValue.....	197
SADE MultiFinder.....	205, 271	SetCurrentA5.....	208
safe family experience.....	279	SetDepth.....	276
safe hex.....	231	SetDItem.....	34
SAGlobals.....	256	SetEventMask.....	202
SampleINIT.....	256	SetLineWidth.....	91, 175
SANE.....	146, 235, 236	SetMenuBar.....	180
Sarah Connor.....	273	SetPalette.....	211
sBlockTransferInfo.....	288	SetResAttr.....	78
SCC.....	2, 271, 286	SetResLoad.....	50
SCNoInc.....	96	SetResPurge.....	111
scrapCount.....	180	SetRsl.....	128
screen depth.....	276	SetSysJust.....	267
screenBits.....	2, 117	SetTrapAddress.....	2
screenBits.bounds.....	79	SetUpA5.....	136, 208
script code.....	242	SetWordBreak.....	267
script interface system.....	245	SFGetFile.....	47, 77, 80, 107
Script Manager.....	160, 174, 178, 182, 207, 241, 242, 243, 245, 263, 264, 267	SFPGetFile.....	47, 80
		SFPPutFile.....	47

SFPutFile.....	47, 80, 107	page.....	72
SFReply.....	44	PICT.....	154
SFSaveDisk.....	80	spooler.....	133
shared		SQPrio.....	257
bit.....	116	srcBytes.....	171
file.....	116, 186	sResource entries.....	288
printer.....	125	SRQ polling.....	206
Sharing Setup cdev.....	311	stack	
sheet-feeder.....	33	handling.....	208
shell.....	126	pointer.....	208
Shift key.....	263	stand-alone code.....	239, 256
shortVersion.....	189	Standard File.....	2, 44, 47, 77, 80, 126, 204, 238
ShowControl.....	197	standard identifier field.....	209
ShowINIT.....	247	standard string comparison.....	178
showpage.....	91	Start Manager.....	230, 258
SICN.....	160, 252, 253	StartSound.....	19
sicnList.....	252	startup application.....	2
signals.....	88	startup disk.....	134
signature.....	29, 48	startup documents.....	129
SIMM.....	176	static link.....	265
Single Inline Memory Module.....	176	stationery.....	115
single-sided disk.....	70	Status.....	262
sinker.....	279	status call.....	272
SIZE.....	158, 180, 205, 231	stdBuf.....	192
size limitation.....	237	StdFile.....	203
Skippy.....	189	stdState.....	79
slave.....	288	stepIntoMethod.....	280
sleep mode.....	254	StepMethod.....	280
slot		stereo sound.....	230
interrupt queue element.....	257	StillDown.....	194
VBL time.....	221	STR.....	29, 48
Slot Manager.....	229, 230	StringBegin.....	91
small icons.....	252, 253	StringEnd.....	91
smaller and faster.....	273	StringWidth.....	26
SMAP.....	274	style.....	207
sMaxLockedTransferCount.....	288	style attribute.....	198
smKCHRCache.....	263	Styled Fonts.....	198
smUninterp.....	245	Styled TextEdit.....	207
snd.....	168	sublaunch.....	126, 205
socket listener.....	201, 270	SuperDrive.....	230
Software Licensing.....	198, 206, 271	supervisor mode.....	2
Sony driver.....	28, 70, 81, 102, 271, 272	Suspend event.....	180
Sorter.....	256	SVFS.....	229
sorting, international.....	153	swapping MMU mode.....	228
sound.....	19, 268	SWIM.....	230, 271
speech.....	268	switching	
stereo.....	230	major.....	180
Sound Driver.....	19	minor.....	180
Sound Manager.....	19, 180, 212, 229, 235, 268	update.....	180
source code control system.....	269	synchronous I/O.....	271
Space Aliens.....	206	SysEdit.....	215
SPConfig.....	224, 249	SysEnvirons.....	67, 103, 129, 156, 190, 207
speech		SysEnvRec.....	129
driver.....	268	system	
synthesizer.....	268	error 33.....	151
Speed Change Transition Event.....	311	font.....	191, 242
splash screen.....	180	heap.....	81, 83, 113
spline.....	91	system extension.....	256
spooling.....	192	System Software 6.0.5.....	229, 267, 275, 276

System Software 7.0.....	287	TEXT.....	84
System V File System.....	229	text.....	207, 274
SystemEdit.....	180, 215	bold.....	207
SystemEvent.....	5, 85	clipping.....	267
SystemTask.....	85	dialog boxes.....	267
sysz.....	293	italic.....	207
SysZone.....	2	justification.....	267
tablet driver.....	266	plain.....	207
tags.....	94	rotation.....	91
tail patches.....	212	styled.....	207
Talk R0.....	206	TextBegin.....	91
TANSTAAFL.....	203	TextBox.....	207
TApplication.....	280	TextCenter.....	91
TBSYSTEM.....	229	TextEdit.....	22, 82, 127, 131, 156, 203, 207, 237, 267
TCommand.....	280	data structures.....	207
TControl.....	280	System 6.0.....	207
TCtlMgr.....	280	version 3.0.....	267
TDeskScrapView.....	280	TextEnd.....	91
TDialogView.....	280	TextIsPostScript.....	91
TDocument.....	280	TextStyle.....	207
TeachText.....	274	TextStyle tsFace.....	207
teCarHook.....	82	TGetRslBlk.....	173
TEContinuousStyle.....	207	TGridView.....	280
TECopy.....	207	thePort.....	25
TECustomHook.....	207	Thought Police.....	117, 276
TECut.....	207	thumbCntl.....	196
TEDelete.....	207	Ticks.....	227
TEDispatch.....	207	TIcon.....	280
TEDispatchRec.....	267	TID.....	250
TEditText.....	280	time.....	264
TEDoText.....	82	Time Manager.....	2, 180
TEDrawHook.....	207, 267	timers.....	270
TEEolHook.....	207, 267	timing.....	221
teForceLeft.....	267	tirade.....	247
TEHandle.....	207, 251	TList.....	280
teHiHook.....	82	TMON.....	7
TEHitTestHook.....	207, 267	tMWDOErr.....	126
TEHook.....	207	TNumberText.....	280
teJustCenter.....	267	TokenTalk.....	250
teJustLeft.....	267	Toolbox.....	227, 229
teJustRight.....	267	Toolbox Event Manager.....	160, 263
TEKey.....	207	TPopup.....	280
teLength.....	203, 237, 267	TPrDlg.....	95
telephone-style jack.....	10	TPrStl.....	72
Temp. Memory Allocation.....	205	track cache.....	81
TENumStyles.....	207	Track Cache Control.....	272
TERec.....	207, 237	traffic.....	270
TERecord.....	207	transaction ID validity.....	250
termination.....	271, 273	Transaction Request.....	270
Terminator.....	273	Transaction Response.....	270
TEScroll.....	22, 131	transfers, NuBus.....	288
TEScrpLength.....	82	Transition Queue.....	311
teSelRect.....	82	TRAP.....	2
TESetSelect.....	127	trap	
TESetStyle.....	131, 207	interface.....	227
TEStylInsert.....	131	patch.....	25, 212
TEStylNew.....	131	TRel Timer.....	250, 270
TESysJust.....	267	TReq.....	270
TEWidthHook.....	207, 267		



TResp.....	270	VIA.....	2
TScroller.....	280	VIA1.....	291
TStdPrintHandler.....	280	VIA2.....	271
TTEView.....	280	VIABase.....	117
TTL.....	291	video.....	
ttro.....	274	buffer.....	2
ttxt.....	274	card pinouts.....	144
TView.....	239, 280	connector pinouts.....	144
TWindow.....	280	viewRect.....	82
txFont.....	242, 245	viral infection.....	231
ufox.....	293	virtual keycode.....	160
UFS.....	229	virtual memory.....	203, 229, 285, 292, 313
uncompressed data.....	171	visRgn.....	194
undocumented.....	227	VM.....	285
undoDev.....	215	vMAttrib.....	186
Unimplemented.....	156	voilà.....	274
UniqueID.....	198	volume.....	24, 106
UNIT.....	256	off-line.....	106
unit attention.....	96	volume bitmap.....	287
unit table.....	71	volume pathname.....	229
UNIX.....	229	vRefNum.....	44, 77, 126, 238
UNLK.....	88	vSync.....	271
unlock range.....	186	vtable.....	281
unpacked data.....	171	WaitMouseUp.....	194
unused.....	31, 49, 227	WaitNextEvent.....	158, 177, 194
update switching.....	180	wake up.....	254
UpdateGWorld.....	277	warranty.....	176
UpdateResFile.....	116, 188	WDCB.....	126
upgrading memory.....	176	WDEF.....	23, 79, 79, 194, 212, 256, 290
useMFTempBit.....	275	wDev.....	72
user.....		WDProcID.....	126
items.....	34	wDraw.....	290
stack pointer.....	2	wdRefNum.....	44, 77
user function.....	75	WDRRefNum.....	126
user-installed FPU.....	129	WDS.....	311
User-Interface Police.....	180	wicked fast.....	271
userItem.....	203	width table.....	92
userState.....	79	window.....	
USP.....	2	default state.....	79
UTableBase.....	250	definition function.....	290
VBL.....		user-selectable state.....	79
interrupts.....	221	zooming.....	79
task.....	180, 268	Window Manager.....	79, 203
VBR.....	292	windowKind.....	5
VCB.....	229	WMgrPort.....	53, 194
queue.....	24, 44	word-break table.....	182
vcbDRefNum.....	106	working directory.....	44, 77, 126, 190
vcbDrvNum.....	106	control block.....	126
vector base register.....	292	ID.....	238
Verify Disk.....	272	Write.....	187
verify flag indicator byte.....	225	Write Data Structure.....	311
verifyFlag.....	225	WriteLAP.....	250
vers.....	189, 274	WriteResource.....	111, 188
Version.....	189	WStateData.....	79
version control.....	269	X80ToX96.....	146
versionRequested.....	129	X96ToX80.....	146
VersRec.....	189	XCMD.....	256
VersRecHandle.....	189	xppRetry.....	270
VersRecPtr.....	189	xppTimeout.....	270

Z8530.....	286
zcbFree.....	151
ZIP.....	9, 250, 270
Zone Information Protocol.....	9, 250, 270
zooming windows.....	79
ZoomRect.....	194
_ADBOp.....	160, 206
_ADBReInit.....	206
_Alert.....	248
_Allocate.....	229
_AllocContig.....	229
_AUXDispatch.....	229, 283
_BitClr.....	248
_BitSet.....	248
_CalcMask.....	193
_CatMove.....	226
_Chain.....	126, 180
_ClosePicture.....	275
_CopyBits.....	41, 120, 252, 259, 275, 277, 289
_CountADBs.....	206
_Create.....	229
_DataInit.....	93
_DeferUserFn.....	285
_DialogSelect.....	251
_DIBadMount.....	287
_DIFormat.....	287
_DIVerify.....	287
_DIZero.....	287
_DragGrayRgn.....	193
_DragTheRgn.....	247
_DrawChar.....	72
_DrawPicture.....	259
_DrawString.....	72, 192
_DrawText.....	72
_EraseRect.....	72
_EventAvail.....	180
_FindWindow.....	79
_Font2Script.....	242
_FontScript.....	242
_ForeColor.....	259
_FSOpen.....	246
_FSWrite.....	246
_Gestalt.....	146, 283
_GetADBInfo.....	206, 266
_GetCatInfo.....	226
_GetCTable.....	244
_GetDirAccess.....	229
_GetEnvirons.....	243, 263
_GetIndADB.....	206
_GetNewWindow.....	79
_GetNextEvent.....	180, 205
_GetPixBaseAddr.....	213, 289
_GetResource.....	228, 263
_GetWRefCon.....	227
_GetZone.....	248
_HandleZone.....	248
_HandToHand.....	227
_HideDItem.....	251
_HwPriv.....	261, 271, 286

_InitFonts.....	72
_InitGraf.....	223
_InitWindows.....	247
_InsetRgn.....	193
_IntlScript.....	242
_IntlTokenize.....	264
_KeyScript.....	160
_KeyTrans.....	160, 263
_Launch.....	126, 180, 205
_LocalToGlobal.....	120
_LongSecs2Date.....	264
_MemoryDispatch.....	285
_MenuSelect.....	180
_MFMemTop.....	205
_MFTempNewHandle.....	205
_MFTopMem.....	205
_ModalDialog.....	248
_NewHandle.....	41, 205, 233
_NewPtr.....	41
_NewRgn.....	193
_NewWindow.....	41, 79
_NGetTrapAddress.....	212
_NMInstall.....	184
_NMRemove.....	184
_OffsetRect.....	72
_Open.....	224, 229, 249
_OpenCPicture.....	275
_OpenDriver.....	293
_OpenPicture.....	275
_OpenResFile.....	213, 232
_OpenRF.....	229
_OpenRFPerm.....	213, 232
_OpenWD.....	126
_PackBits.....	86, 171
_PBCatMove.....	226, 229
_PBClose.....	278
_PBControl.....	293
_PBGetCatInfo.....	238
_PBHGetVInfo.....	66
_PBHGetVolParms.....	186
_vMAttrib.....	186
_PBLockRange.....	186
_PBOpenWD.....	126
_PBRead.....	229
_PBStatus.....	293
_PBUnlockRange.....	186
_PBWrite.....	229
_PostEvent.....	180, 229
_PrClose.....	161
_PrCtlCall.....	192
_PrDvrOpen.....	192
_PrOpen.....	72, 161
_PrOpenDoc.....	192
_PROpenPage.....	192
_PtInRgn.....	193
_PutScrap.....	180
_QDOffscreen.....	275
_RecoverHandle.....	213, 232
_SelectWindow.....	205

_SetADBInfo.....	206, 266	_SysEnviron.....	66, 120, 129, 146,
_SetCatInfo.....	229	.....	184, 212, 230, 236, 249, 250
_SetCCursor.....	244	_SystemTask.....	248
_SetEnviron.....	243	_TECalText.....	267
_SetEOF.....	229	_TEGetHeight.....	267
_SetFileInfo.....	229	_TEIdle.....	251
_SetFPos.....	246	_TENew.....	227
_SetFractEnable.....	72	_TEReplaceStyle.....	267
_SetGrowZone.....	233	_TESetJust.....	267
_SetMenuBar.....	180	_TESetStyle.....	267
_SetOrigin.....	72	_TEUpdate.....	267
_SetScript.....	160	_TextBox.....	72, 267
_SetTrapAddress.....	213	_TickCount.....	227
_SetWRefCon.....	227	_TrackBox.....	79
_SetZone.....	248	_TrackControl.....	196
_SFGetFile.....	205	_TrackGoAway.....	247
_SIntInstall.....	221, 257	_UnionRgn.....	193
_SlotVInstall.....	221	_UnmountVol.....	180
_Status.....	262	_UnPackBits.....	86, 171
_String2Date.....	264	_WaitNextEvent.....	126, 180, 205
_StripAddress.....	212, 213, 228, 232	_ZeroScrap.....	180
_SwapMMUMode.....	213, 228	_ZoomWindow.....	79
_SysBeep.....	19, 268	{\$LOAD}.....	93
_SysEdit.....	180	{MC68881-}.....	146