

Structure Offsets

COLLABORATORS

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Contents

1	Structure Offsets	1
1.1	Structure Offsets Guide v1.0 © 1994 by P-O Yliniemi	1
1.2	A	2
1.3	B	3
1.4	C	4
1.5	D	6
1.6	E	8
1.7	F	9
1.8	G	10
1.9	H	10
1.10	I	11
1.11	J	12
1.12	K	13
1.13	L	13
1.14	M	14
1.15	N	15
1.16	O	15
1.17	P	16
1.18	Q	17
1.19	R	18
1.20	S	19
1.21	T	20
1.22	U	21
1.23	V	22
1.24	W	22
1.25	X	22
1.26	Y	22
1.27	Z	23
1.28	Other structures	23
1.29	AChain	23

1.30	AmigaGuideHost	23
1.31	AmigaGuideMsg	23
1.32	AnalogSignalInterval	24
1.33	AnchorPath	24
1.34	AnimComp	24
1.35	AnimHeader	24
1.36	AnimOb	25
1.37	AppIcon	25
1.38	AppMenuItem	25
1.39	AppMessage	25
1.40	AppWindow	26
1.41	AreaInfo	26
1.42	AssignList	26
1.43	AudChannel	26
1.44	AvailFonts	27
1.45	AvailFontsHeader	27
1.46	BadBlockBlock	27
1.47	BadBlockEntry	27
1.48	BitMap	27
1.49	BitMapHeader	28
1.50	BitScaleArgs	28
1.51	Bob	28
1.52	BoolInfo	29
1.53	BootBlock	29
1.54	BootNode	29
1.55	Border	29
1.56	CDInfo	29
1.57	CDXL	30
1.58	CIA	30
1.59	CSource	31
1.60	CardHandle	31
1.61	CardMemoryMap	31
1.62	Catalog	31
1.63	CliProcList	32
1.64	ClipHookMsg	32
1.65	ClipRect	32
1.66	ClipboardHandle	32
1.67	ClipboardUnitPartial	32
1.68	ClockData	33

1.69	CollectionItem	33
1.70	ColorFontColors	33
1.71	ColorMap	33
1.72	ColorRegister	34
1.73	ColorSpec	34
1.74	ColorTextFont	34
1.75	ColorWheelHSB	34
1.76	ColorWheelRGB	35
1.77	CommandLineInterface	35
1.78	ConUnit	35
1.79	Conductor	36
1.80	ConfigDev	36
1.81	ContextNode	36
1.82	CopIns	37
1.83	CopList	37
1.84	CountryPrefs	37
1.85	CurrentBinding	38
1.86	Custom	38
1.87	DBufInfo	40
1.88	DBufPacket	41
1.89	DTHookContext	41
1.90	DTMethod	41
1.91	DTSpecialInfo	41
1.92	DataType	42
1.93	DataTypeHeader	42
1.94	DateStamp	42
1.95	DateTime	43
1.96	DevInfo	43
1.97	DevProc	43
1.98	Device	43
1.99	DeviceData	43
1.100	DeviceList	44
1.101	DeviceNode	44
1.102	DeviceTData	44
1.103	DiagArea	45
1.104	DimensionInfo	45
1.105	DiscResource	45
1.106	DiscResourceUnit	45
1.107	DiskFontHeader	46

1.108DiskObject	46
1.109DisplayInfo	46
1.110DisplayMode	47
1.111DosEnvec	47
1.112DosInfo	47
1.113DosLibrary	48
1.114DosList	48
1.115DosPacket	48
1.116DrawInfo	49
1.117DrawerData	49
1.118DriveGeometry	49
1.119EClockVal	50
1.120EasyStruct	50
1.121ErrorString	50
1.122ExAllControl	50
1.123ExAllData	50
1.124ExecBase	51
1.125ExpansionBase	52
1.126ExpansionControl	52
1.127ExpansionRom	52
1.128ExtGadget	53
1.129ExtIntuiMessage	53
1.130ExtNewScreen	53
1.131ExtNewWindow	54
1.132ExtSprite	54
1.133ExtendedNode	54
1.134FileHandle	55
1.135FileInfoBlock	55
1.136FileLock	55
1.137FileRequester	56
1.138FileSysEntry	56
1.139FileSysHeaderBlock	56
1.140FileSysResource	57
1.141FileSysStartupMsg	57
1.142FontContents	57
1.143FontContentsHeader	57
1.144FontPrefs	58
1.145FontRequester	58
1.146FrameInfo	58

1.147FreeList	58
1.148Gadget	59
1.149GadgetInfo	59
1.150GamePortTrigger	59
1.151GelsInfo	60
1.152GfxBase	60
1.153GlyphEngine	62
1.154GlyphMap	62
1.155GlyphWidthEntry	62
1.156Hook	63
1.157IBox	63
1.158IControlPrefs	63
1.159IENewTablet	63
1.160IEPointerPixel	64
1.161IEPointerTablet	64
1.162IFFHandle	64
1.163IFFStreamCmd	64
1.164IOAudio	64
1.165IOClipReq	65
1.166IORPReq	65
1.167IOExtPar	65
1.168IOExtSer	66
1.169IOExtTD	66
1.170IOPArray	66
1.171IOPrtCmdReq	66
1.172IORequest	67
1.173IOStdReq	67
1.174IOTArray	67
1.175Image	67
1.176InfoData	68
1.177InputEvent	68
1.178InputPrefs	68
1.179InputXpression	68
1.180IntVector	69
1.181Interrupt	69
1.182IntuiMessage	69
1.183IntuiText	69
1.184IntuitionBase	70
1.185IoBuff	70

1.186Isvstr	70
1.187KeyMap	71
1.188KeyMapNode	71
1.189KeyMapResource	71
1.190KeyQuery	71
1.191LVDrawMsg	71
1.192Layer	72
1.193LayerInfo	72
1.194Library	73
1.195Line	73
1.196List	73
1.197LoadSegBlock	73
1.198LocalContextItem	74
1.199LocalVar	74
1.200Locale	74
1.201LocalBase	75
1.202LocalePrefs	75
1.203MathIEEEBase	75
1.204MathIEEEResource	76
1.205MemChunk	76
1.206MemEntry	76
1.207MemHandlerData	76
1.208MemHeader	76
1.209MemList	77
1.210Menu	77
1.211MenuItem	77
1.212Message	77
1.213MinList	78
1.214MinNode	78
1.215MonitorInfo	78
1.216MonitorSpec	78
1.217MsgPort	79
1.218NVEntry	79
1.219NVInfo	79
1.220NameInfo	79
1.221NamedObject	80
1.222NewAmigaGuide	80
1.223NewBroker	80
1.224NewGadget	80

1.225NewMenu	81
1.226NewScreen	81
1.227NewWindow	81
1.228NexxStr	82
1.229Node	82
1.230NotifyMessage	82
1.231NotifyRequest	82
1.232OldDrawerData	83
1.233OverscanPrefs	83
1.234PGX	83
1.235PaletteExtra	83
1.236PalettePrefs	84
1.237PartitionBlock	84
1.238Player	84
1.239PointerPrefs	85
1.240PrefHeader	85
1.241Preferences	85
1.242PrinterData	86
1.243PrinterExtendedData	87
1.244PrinterGfxPrefs	87
1.245PrinterPSPrefs	88
1.246PrinterSegment	88
1.247PrinterTxtPrefs	89
1.248PrinterUnitPrefs	89
1.249Process	89
1.250PropInfo	90
1.251PrtInfo	90
1.252PubScreenNode	91
1.253QCode	91
1.254QueryHeader	91
1.255RDArgs	91
1.256RGBTable	92
1.257RMSF	92
1.258RasInfo	92
1.259RastPort	92
1.260RealTimeBase	93
1.261RecordLock	93
1.262Rect32	93
1.263Rectangle	94

1.264Region	94
1.265RegionRectangle	94
1.266Remember	94
1.267Requester	94
1.268Resident	95
1.269RexxArg	95
1.270RexxMsg	95
1.271RexxMsgPort	96
1.272RexxRsrc	96
1.273RexxTask	96
1.274RigidDiskBlock	97
1.275RootNode	97
1.276RxsLib	98
1.277SCSICmd	98
1.278SGWork	99
1.279SatisfyMsg	99
1.280Screen	99
1.281ScreenBuffer	100
1.282ScreenModePrefs	100
1.283ScreenModeRequester	100
1.284Segment	101
1.285Semaphore	101
1.286SemaphoreMessage	101
1.287SemaphoreRequest	101
1.288SerialPrefs	102
1.289SignalSemaphore	102
1.290SimpleSprite	102
1.291SoftIntList	102
1.292SoundPrefs	102
1.293SpecialMonitor	103
1.294SpriteDef	103
1.295SrcNode	103
1.296StackSwapStruct	103
1.297StandardPacket	104
1.298StoredProperty	104
1.299StringExtend	104
1.300StringInfo	104
1.301TAvailFonts	105
1.302TDU_PublicUnit	105

1.303TFontContents	105
1.304TOCEntry	105
1.305TOCSummary	106
1.306TP_AmigaIXP	106
1.307TTextAttr	106
1.308TabletData	106
1.309TabletHookData	106
1.310TagItem	107
1.311Task	107
1.312TextAttr	107
1.313TextExtent	107
1.314TextFont	108
1.315TextFontExtension	108
1.316TmpRas	108
1.317Tool	108
1.318ToolNode	109
1.319UCopList	109
1.320Unit	109
1.321UtilityBase	109
1.322VSprite	109
1.323VecInfo	110
1.324View	110
1.325ViewExtra	110
1.326ViewPort	110
1.327ViewPortExtra	111
1.328VoiceHeader	111
1.329WBArg	111
1.330WBPatternPrefs	112
1.331WBStartup	112
1.332Window	112
1.333XRef	113
1.334_Object	113
1.335adtFrame	113
1.336adtStart	114
1.337bltnode	114
1.338collTable	114
1.339copinit	114
1.340cpplist	115
1.341dtDraw	115

1.342dtFrameBox	115
1.343dtGeneral	115
1.344dtGoto	115
1.345dtPrint	116
1.346dtSelect	116
1.347dtTrigger	116
1.348dtWrite	116
1.349gpGoInactive	116
1.350gpHitTest	117
1.351gpInput	117
1.352gpLayout	117
1.353gpRender	117
1.354impDraw	117
1.355impErase	118
1.356impFrameBox	118
1.357impHitTest	118
1.358mouth_rb	118
1.359narrator_rb	119
1.360opAddTail	119
1.361opExpungeNode	119
1.362opFindHost	120
1.363opGet	120
1.364opMember	120
1.365opNodeIO	120
1.366opSet	121
1.367opUpdate	121
1.368pmState	121
1.369pmTime	121
1.370timerequest	121
1.371timeval	121
1.372CDTOC	122
1.373LSNMSF	122
1.374colorEntry	122
1.375printerIO	122

Chapter 1

Structure Offsets

1.1 Structure Offsets Guide v1.0 © 1994 by P-O Yliniemi

Amiga Structure Offsets

~~~~~

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R  
S  
T  
U  
V  
W  
X  
Y  
Z  
Other

## 1.2 A

AChain  
an\_  
  
adtFrame  
alf\_  
  
adtStart  
asa\_  
  
AmigaGuideHost  
agh\_  
  
AmigaGuideMsg  
agm\_  
  
AnalogSignalInterval  
asi\_  
  
AnchorPath  
ap\_  
  
AnimComp (AC)  
ac\_  
  
AnimHeader  
ah\_  
  
AnimOb (AO)  
ao\_

---

AppIcon  
ai\_  
  
AppMenuItem  
ami\_  
  
AppMessage  
am\_  
  
AppWindow  
aw\_  
  
AreaInfo  
ai\_  
  
AssignList  
al\_  
  
AudChannel  
ac\_  
  
AvailFonts  
af\_  
  
AvailFontsHeader  
afh\_

### 1.3 B

BadBlockBlock  
bbb\_  
  
BadBlockEntry  
bbe\_  
  
BitMap  
bm\_  
  
BitMapHeader  
bmh\_  
  
BitScaleArgs  
bsa\_  
  
bltnode  
bn\_  
  
Bob (BOB)  
bob\_  
  
BoolInfo  
bi\_  
  
BootBlock (BB)

BB\_

BootNode  
bn\_

Border  
bd\_

## 1.4 C

CardHandle  
cah\_

CardMemoryMap  
cmm\_

Catalog  
cat\_

CDInfo

CDTOC

CDXL  
CDXL\_

CIA

ClipboardHandle  
cbh\_

ClipboardUnitPartial  
cu\_

ClipHookMsg  
chm\_

ClipRect  
cr\_

CliProcList  
cpl\_

ClockData

CollectionItem  
cit\_

collTable  
cp\_

---



---

```
colorEntry
color

ColorFontColors
cfc_

ColorMap
cm_

ColorRegister
cr_

ColorSpec
cs_

ColorTextFont
ctf_

ColorWheelHSB
cw_

ColorWheelRGB
cw_

CommandLineInterface
cli_

Conductor
cdt_

ConfigDev
cd_

ContextNode
cn_

ConUnit
cu_

copinit

CopIns
ci_

CopList
cl_

CountryPrefs
cp_

cprlist
crl_

CSource
CS_
```

---

CurrentBinding  
cb\_

Custom

## 1.5 D

DataType  
dtn\_

DataTypeHeader  
dth\_

DateStamp  
ds\_

DateTime  
dat\_

DBufInfo  
dbi\_

DBufPacket (DBP)  
dbp\_

Device (DD)  
DD\_

DeviceData  
dd\_

DeviceList  
dl\_

DeviceNode  
dn\_

DeviceTData  
dtd\_

DevInfo  
dvi\_

DevProc  
dvp\_

DiagArea  
da\_

DimensionInfo  
dim\_

---

---

DiscResource  
DR\_  
  
DiscResourceUnit  
DRU\_  
  
DiskFontHeader  
dfh\_  
  
DiskObject  
do\_  
  
DisplayInfo  
dis\_  
  
DisplayMode  
dm\_  
  
DosEnvec  
de\_  
  
DosInfo  
di\_  
  
DosLibrary  
dl\_  
  
DosList  
dol\_  
  
DosPacket  
dp\_  
  
DrawerData  
dd\_  
  
DrawInfo  
dri\_  
  
DriveGeometry  
dg\_  
  
dtDraw  
dtd\_  
  
dtFrameBox  
dtf\_  
  
dtGeneral  
dtg\_  
  
dtGoto  
dtgo\_  
  
DTHookContext  
dthc\_

---

```

DTMethod
dtm_

dtPrint
dtp_

dtSelect
dts_

DTSpecialInfo
si_

dtTrigger
dtt_

dtWrite
dtw_

```

## 1.6 E

```

EasyStruct
es_

EClockVal
EV_

ErrorString
estr_
ETask                                     et_

ExAllControl
eac_

ExAllData
ed_

ExecBase

ExpansionBase
eb_

ExpansionControl
ec_

ExpansionRom
er_

ExtendedNode      (XLN)
XLN_

ExtGadget
egg_

```

ExtIntuiMessage  
eim\_

ExtNewScreen  
ens\_

ExtNewWindow  
enw\_

ExtSprite  
es\_

## 1.7 F

FileHandle  
fh\_

FileInfoBlock  
fib\_

FileLock  
fl\_

FileRequester  
fr\_

FileSysEntry  
fse\_

FileSysHeaderBlock  
fhb\_

FileSysResource  
fsr\_

FileSysStartupMsg  
fssm\_

FontContents (FC)  
fc\_

FontContentsHeader (FCH)  
fch\_

FontPrefs  
fp\_

FontRequester  
fo\_

FrameInfo  
fri\_

FreeList

---

fl\_

## 1.8 G

Gadget

gg\_

GadgetInfo

ggi\_

GamePortTrigger

gpt\_

GelsInfo

gi\_

GfxBase

gb\_

GlyphEngine

gle\_

GlyphMap

glm\_

GlyphWidthEntry

gwe\_

gpGoInactive

gpgi\_

gpHitTest

gpht\_

gpInput

gpi\_

gpLayout

gpl\_

gpRender

gpr\_

## 1.9 H

Hook

h\_

## 1.10 I

|        |                 |      |
|--------|-----------------|------|
|        | IBox            |      |
|        | ibox_           |      |
| ICLASS |                 | cl_  |
|        | IControlPrefs   |      |
|        | ic_             |      |
|        | IENewTablet     |      |
|        | ient_           |      |
|        | IEPointerPixel  |      |
|        | iepp_           |      |
|        | IEPointerTablet |      |
|        | iept_           |      |
|        | IFFHandle       |      |
|        | iff_            |      |
|        | IFFStreamCmd    |      |
|        | isc_            |      |
|        | Image           |      |
|        | ig_             |      |
|        | impDraw         |      |
|        | impd_           |      |
|        | impErase        |      |
|        | impe_           |      |
|        | impFrameBox     |      |
|        | impf_           |      |
|        | impHitTest      |      |
|        | imph_           |      |
|        | InfoData        |      |
|        | id_             |      |
|        | InputEvent      |      |
|        | ie_             |      |
|        | InputPrefs      |      |
|        | ip_             |      |
|        | InputXpression  |      |
|        | ix_             |      |
|        | Interrupt       | (IS) |
|        | IS_             |      |
|        | IntuiMessage    |      |

---

```
im_

IntuiText
it_

IntuitionBase
ib_

IntVector      (IV)
IV_

IOAudio
ioa_

IoBuff
iob

IOClipReq
io_

IOExtPar
IO_

IOExtSer
IO_

IOExtTD
iotd_

IOPArray      (PTERMARRAY)

IOPrntCmdReq
io_

IORequest
IO_

IORPReq
io_

IOStdReq      (IO)
IO_

IOTArray      (TERMARRAY)

Isrvstr
```

## 1.11 J

Currently no structures on "J"

---



## 1.12 K

KeyMap  
km\_  
  
KeyMapNode  
kn\_  
  
KeyMapResource  
kr\_  
  
KeyQuery  
kq\_

## 1.13 L

Layer  
lr\_  
  
LayerInfo  
li\_  
  
Library (LIB)  
LIB\_  
  
Line  
ln\_  
  
List (LH)  
LH\_  
  
LoadSegBlock  
lsb\_  
  
LocalBase  
lb\_  
  
LocalContextItem  
lci\_  
  
Locale  
loc\_  
  
LocalePrefs  
lp\_  
  
LocalVar  
lv\_  
  
LSNMSF

LVDrawMsg  
lvdm\_

## 1.14 M

MathIEEEBase

MathIEEEResource

MemChunk (MC)  
MC\_

MemEntry (ME)  
ME\_

MemHandlerData  
memh\_

MemHeader (MH)  
MH\_

MemList (ML)  
ML\_

Menu  
mu\_

MenuItem  
mi\_

Message (MN)  
MN\_

MinList (MLH)  
MLH\_

MinNode (MLN)  
MLN\_

MonitorInfo  
mtr\_

MonitorSpec  
ms\_

mouth\_rb  
MRB\_

Msg msg\_  
MsgHeader

MsgPort (MP)

MP\_

## 1.15 N

NamedObject

no\_

NameInfo

nif\_

narrator\_rb (NDI)

NDI\_

NewAmigaGuide

nag\_

NewBroker

nb\_

NewGadget

gng\_

NewMenu

gnm\_

NewScreen

ns\_

NewWindow

nw\_

NexxStr

ns\_

Node (LN)

LN\_

NotifyMessage

nm\_

NotifyRequest

nr\_

NVEntry

nve\_

NVInfo

nvi\_

## 1.16 O

---

OldDrawerData  
dd\_

opAddTail  
opat\_

opExpungeNode  
oen\_

opFindHost  
ofh\_

opGet  
opg\_

opMember  
opam\_

opNodeIO  
onm\_

opSet  
ops\_

opUpdate  
opu\_

OverscanPrefs  
os\_

## 1.17 P

PaletteExtra  
pe\_

PalettePrefs  
pap\_

PartitionBlock  
pb\_

PGX  
pgx\_

Player  
pl\_

pmState  
pms\_

pmTime  
pmt\_

---

PointerPrefs

pp\_

Preferences

pf\_

PrefHeader

ph\_

PrinterData

pd\_

PrinterExtendedData

ped\_

PrinterGfxPrefs

pg\_

printerIO

PrinterPSPrefs

ps\_

PrinterSegment

ps\_

PrinterTxtPrefs

pt\_

PrinterUnitPrefs

pu\_

Process

pr\_

PropInfo

pi\_

PrtInfo

pi\_

PubScreenNode

psn\_

## 1.18 Q

QCode

QueryHeader

qh\_

## 1.19 R

RasInfo  
ri\_

RastPort  
rp\_

RDArgs  
RDA\_

RealTimeBase  
rtb\_

RecordLock  
rec\_

Rect32  
r32\_

Rectangle  
ra\_

Region  
rg\_

RegionRectangle  
rr\_

Remember  
rm\_

Requester  
rq\_

Resident (RT)  
RT\_

RexxArg  
ra\_

RexxMsg  
rm\_

RexxMsgPort  
rmp\_

RexxRsrc  
rr\_

RexxTask  
rt\_

RGBTable  
rgbt\_

---

```
RigidDiskBlock
rdb_

RMSF

RomBootBase                                rbb_

RootNode
rn_

RxsLib
rl_
```

## 1.20 S

```
SatisfyMsg
sm_

Screen
sc_

ScreenBuffer
sb_

ScreenModePrefs
smp_

ScreenModeRequester
sm_

SCSICmd
scsi_

Segment
seg_

Semaphore (SM)
SM_

SemaphoreMessage
ssm_

SemaphoreRequest (SSR)
SSR_

SerialPrefs
sp_

SGWork
sgw_

SignalSemaphore (SS)
SS_
```

---

```
SimpleSprite
ss_

SoftIntList      (SH)
SH_

SoundPrefs
sop_

SpecialMonitor
spm_

SpriteDef
sd_

SrcNode
sn_

StackSwapStruct
stk_

StandardPacket
sp_

StoredProperty
spr_

StringExtend
sex_

StringInfo
si_
```

## 1.21 T

```
TabletData
td_

TabletHookData
thd_

TagItem
ti_

Task            (TC_Struct)
tc_

TAvailFonts
taf_

TDU_PublicUnit
TDU_
```

---



```
TextAttr
ta_

TextExtent
te_

TextFont
tf_

TextFontExtension
tfe_

TFontContents
tfc_

timerequest
IOTV_

timeval
TV_

TmpRas
tr_

TOCEntry
TOCE_

TOCSummary
TOCS_

Tool
tn_

ToolNode
tn_

TP_AmigaIXP
TP_
tPoint                                tpt_

TTextAttr
tta_
```

## 1.22 U

```
UCopList
ucl_

Unit
UNIT_

UtilityBase
ub_
```

---

## 1.23 V

VecInfo  
vec\_  
  
View  
v\_  
  
ViewExtra  
ve\_  
  
ViewPort  
vp\_  
  
ViewPortExtra  
vpe\_  
  
VoiceHeader  
vh\_  
  
VSprite (VS)  
vs\_

## 1.24 W

WBArg  
wa\_  
  
WBPatternPrefs  
wbp\_  
  
WBStartup  
sm\_  
  
Window  
wd\_

## 1.25 X

XRef  
xr\_

## 1.26 Y

Currently no structures on "Y"

---

## 1.27 Z

Currently no structures on "Z"

## 1.28 Other structures

```
_Object
o_
```

## 1.29 AChain

```
AChain:
$0112  274  sizeof(AChain)
$0000   0    4  an_Child
$0004   4    4  an_Parent
$0008   8    4  an_Lock
$000c  12   260  an_Info
$0110  272   1  an_Flags
$0111  273   1  an_String[0]
```

## 1.30 AmigaGuideHost

```
AmigaGuideHost:
$0028   40  sizeof(AmigaGuideHost)
$0000   0   20  agh_Dispatcher
$0014  20   4   agh_Reserved
$0018  24   4   agh_Flags
$001c  28   4   agh_UseCnt
$0020  32   4   agh_SystemData
$0024  36   4   agh_UserData
```

## 1.31 AmigaGuideMsg

```
AmigaGuideMsg:
$0034   52  sizeof(AmigaGuideMsg)
$0000   0   20  agm_Msg
$0014  20   4   agm_Type
$0018  24   4   agm_Data
$001c  28   4   agm_DSize
$0020  32   4   agm_DType
$0024  36   4   agm_Pri_Ret
$0028  40   4   agm_Sec_Ret
$002c  44   4   agm_System1
$0030  48   4   agm_System2
```

### 1.32 AnalogSignalInterval

AnalogSignalInterval:

|        |   |                               |
|--------|---|-------------------------------|
| \$0004 | 4 | sizeof (AnalogSignalInterval) |
| \$0000 | 0 | 2 asi_Start                   |
| \$0002 | 2 | 2 asi_Stop                    |

### 1.33 AnchorPath

AnchorPath:

|        |     |                     |
|--------|-----|---------------------|
| \$011a | 282 | sizeof (AnchorPath) |
| \$0000 | 0   | 4 ap_Base           |
| \$0004 | 4   | 4 ap_Last           |
| \$0008 | 8   | 4 ap_BreakBits      |
| \$000c | 12  | 4 ap_FoundBreak     |
| \$0010 | 16  | 1 ap_Flags          |
| \$0011 | 17  | 1 ap_Reserved       |
| \$0012 | 18  | 2 ap_Strlen         |
| \$0014 | 20  | 260 ap_Info         |
| \$0118 | 280 | 1 ap_Buf[0]         |

### 1.34 AnimComp

AnimComp:

|        |    |                   |
|--------|----|-------------------|
| \$0026 | 38 | sizeof (AnimComp) |
| \$0000 | 0  | 2 Flags           |
| \$0002 | 2  | 2 Timer           |
| \$0004 | 4  | 2 TimeSet         |
| \$0006 | 6  | 4 NextComp        |
| \$000a | 10 | 4 PrevComp        |
| \$000e | 14 | 4 NextSeq         |
| \$0012 | 18 | 4 PrevSeq         |
| \$0016 | 22 | 4 AnimCRoutine    |
| \$001a | 26 | 2 YTrans          |
| \$001c | 28 | 2 XTrans          |
| \$001e | 30 | 4 HeadOb          |
| \$0022 | 34 | 4 AnimBob         |

### 1.35 AnimHeader

AnimHeader:

|        |    |                     |
|--------|----|---------------------|
| \$0028 | 40 | sizeof (AnimHeader) |
| \$0000 | 0  | 1 ah_Operation      |
| \$0001 | 1  | 1 ah_Mask           |
| \$0002 | 2  | 2 ah_Width          |
| \$0004 | 4  | 2 ah_Height         |
| \$0006 | 6  | 2 ah_Left           |
| \$0008 | 8  | 2 ah_Top            |
| \$000a | 10 | 4 ah_AbsTime        |

```
$000e    14    4  ah_RelTime
$0012    18    1  ah_Interleave
$0013    19    1  ah_Pad0
$0014    20    4  ah_Flags
$0018    24    1  ah_Pad[0]
```

### 1.36 AnimOb

```
AnimOb:
$002a    42  sizeof(AnimOb)
$0000     0    4  NextOb
$0004     4    4  PrevOb
$0008     8    4  Clock
$000c    12    2  AnOldY
$000e    14    2  AnOldX
$0010    16    2  AnY
$0012    18    2  AnX
$0014    20    2  YVel
$0016    22    2  XVel
$0018    24    2  YAccel
$001a    26    2  XAccel
$001c    28    2  RingYTrans
$001e    30    2  RingXTrans
$0020    32    4  AnimORoutine
$0024    36    4  HeadComp
$0028    40    2  AUserExt
```

### 1.37 AppIcon

```
AppIcon:
$0004     4  sizeof(AppIcon)
$0000     0    4  ai_PRIVATE
```

### 1.38 AppMenuItem

```
AppMenuItem:
$0004     4  sizeof(AppMenuItem)
$0000     0    4  ami_PRIVATE
```

### 1.39 AppMessage

```
AppMessage:
$0056    86  sizeof(AppMessage)
$0000     0   20  am_Message
$0014    20    2  am_Type
$0016    22    4  am_UserData
$001a    26    4  am_ID
```

---

|        |    |   |                |
|--------|----|---|----------------|
| \$001e | 30 | 4 | am_NumArgs     |
| \$0022 | 34 | 4 | am_ArgList     |
| \$0026 | 38 | 2 | am_Version     |
| \$0028 | 40 | 2 | am_Class       |
| \$002a | 42 | 2 | am_MouseX      |
| \$002c | 44 | 2 | am_MouseY      |
| \$002e | 46 | 4 | am_Seconds     |
| \$0032 | 50 | 4 | am_Micros      |
| \$0036 | 54 | 4 | am_Reserved[0] |

## 1.40 AppWindow

AppWindow:

|        |   |                   |
|--------|---|-------------------|
| \$0004 | 4 | sizeof(AppWindow) |
| \$0000 | 0 | 4 aw_PRIVATE      |

## 1.41 AreaInfo

AreaInfo:

|        |    |                  |
|--------|----|------------------|
| \$0018 | 24 | sizeof(AreaInfo) |
| \$0000 | 0  | 4 VctrTbl        |
| \$0004 | 4  | 4 VctrPtr        |
| \$0008 | 8  | 4 FlagTbl        |
| \$000c | 12 | 4 FlagPtr        |
| \$0010 | 16 | 2 Count          |
| \$0012 | 18 | 2 MaxCount       |
| \$0014 | 20 | 2 FirstX         |
| \$0016 | 22 | 2 FirstY         |

## 1.42 AssignList

AssignList:

|        |   |                    |
|--------|---|--------------------|
| \$0008 | 8 | sizeof(AssignList) |
| \$0000 | 0 | 4 al_Next          |
| \$0004 | 4 | 4 al_Lock          |

## 1.43 AudChannel

AudChannel:

|        |    |                    |
|--------|----|--------------------|
| \$0010 | 16 | sizeof(AudChannel) |
| \$0000 | 0  | 4 ac_ptr           |
| \$0004 | 4  | 2 ac_len           |
| \$0006 | 6  | 2 ac_per           |
| \$0008 | 8  | 2 ac_vol           |
| \$000a | 10 | 2 ac_dat           |
| \$000c | 12 | 2 ac_pad[0]        |

## 1.44 AvailFonts

AvailFonts:

```
$000a    10  sizeof(AvailFonts)
$0000     0     2  af_Type
$0002     2     8  af_Attr
```

## 1.45 AvailFontsHeader

AvailFontsHeader:

```
$0002     2  sizeof(AvailFontsHeader)
$0000     0     2  afh_NumEntries
```

## 1.46 BadBlockBlock

BadBlockBlock:

```
$0200   512  sizeof(BadBlockBlock)
$0000     0     4  bbb_ID
$0004     4     4  bbb_SummedLongs
$0008     8     4  bbb_ChkSum
$000c    12     4  bbb_HostID
$0010    16     4  bbb_Next
$0014    20     4  bbb_Reserved
$0018    24     8  bbb_BlockPairs[0]
```

## 1.47 BadBlockEntry

BadBlockEntry:

```
$0008     8  sizeof(BadBlockEntry)
$0000     0     4  bbe_BadBlock
$0004     4     4  bbe_GoodBlock
```

## 1.48 BitMap

BitMap:

```
$0028    40  sizeof(BitMap)
$0000     0     2  BytesPerRow
$0002     2     2  Rows
$0004     4     1  Flags
$0005     5     1  Depth
$0006     6     2  pad
$0008     8     4  Planes[0]
```

---

## 1.49 BitMapHeader

```

BitMapHeader:
$0014      20  sizeof(BitMapHeader)
$0000      0    2  bmh_Width
$0002      2    2  bmh_Height
$0004      4    2  bmh_Left
$0006      6    2  bmh_Top
$0008      8    1  bmh_Depth
$0009      9    1  bmh_Masking
$000a     10    1  bmh_Compression
$000b     11    1  bmh_Pad
$000c     12    2  bmh_Transparent
$000e     14    1  bmh_XAspect
$000f     15    1  bmh_YAspect
$0010     16    2  bmh_PageWidth
$0012     18    2  bmh_PageHeight

```

## 1.50 BitScaleArgs

```

BitScaleArgs:
$0030      48  sizeof(BitScaleArgs)
$0000      0    2  bsa_SrcX
$0002      2    2  bsa_SrcY
$0004      4    2  bsa_SrcWidth
$0006      6    2  bsa_SrcHeight
$0008      8    2  bsa_XSrcFactor
$000a     10    2  bsa_YSrcFactor
$000c     12    2  bsa_DestX
$000e     14    2  bsa_DestY
$0010     16    2  bsa_DestWidth
$0012     18    2  bsa_DestHeight
$0014     20    2  bsa_XDestFactor
$0016     22    2  bsa_YDestFactor
$0018     24    4  bsa_SrcBitMap
$001c     28    4  bsa_DestBitMap
$0020     32    4  bsa_Flags
$0024     36    2  bsa_XDDA
$0026     38    2  bsa_YDDA
$0028     40    4  bsa_Reserved1
$002c     44    4  bsa_Reserved2

```

## 1.51 Bob

```

Bob:
$0020     32  sizeof(Bob)
$0000      0    2  Flags
$0002      2    4  SaveBuffer
$0006      6    4  ImageShadow
$000a     10    4  Before
$000e     14    4  After
$0012     18    4  BobVSprite

```



|        |    |   |          |
|--------|----|---|----------|
| \$0016 | 22 | 4 | BobComp  |
| \$001a | 26 | 4 | DBuffer  |
| \$001e | 30 | 2 | BUserExt |

## 1.52 BoolInfo

BoolInfo:

|        |    |                  |
|--------|----|------------------|
| \$000a | 10 | sizeof(BoolInfo) |
| \$0000 | 0  | 2 Flags          |
| \$0002 | 2  | 4 Mask           |
| \$0006 | 6  | 4 Reserved       |

## 1.53 BootBlock

BootBlock:

|        |    |                   |
|--------|----|-------------------|
| \$000c | 12 | sizeof(BootBlock) |
| \$0000 | 0  | 1 bb_id[0]        |
| \$0004 | 4  | 4 bb_chksum       |
| \$0008 | 8  | 4 bb_dosblock     |

## 1.54 BootNode

BootNode:

|        |    |                  |
|--------|----|------------------|
| \$0014 | 20 | sizeof(BootNode) |
| \$0000 | 0  | 14 bn_Node       |
| \$000e | 14 | 2 bn_Flags       |
| \$0010 | 16 | 4 bn_DeviceNode  |

## 1.55 Border

Border:

|        |    |                |
|--------|----|----------------|
| \$0010 | 16 | sizeof(Border) |
| \$0000 | 0  | 2 LeftEdge     |
| \$0002 | 2  | 2 TopEdge      |
| \$0004 | 4  | 1 FrontPen     |
| \$0005 | 5  | 1 BackPen      |
| \$0006 | 6  | 1 DrawMode     |
| \$0007 | 7  | 1 Count        |
| \$0008 | 8  | 4 XY           |
| \$000c | 12 | 4 NextBorder   |

## 1.56 CDInfo

## CDInfo:

|        |    |                  |
|--------|----|------------------|
| \$0022 | 34 | sizeof(CDInfo)   |
| \$0000 | 0  | 2 PlaySpeed      |
| \$0002 | 2  | 2 ReadSpeed      |
| \$0004 | 4  | 2 ReadXLSpeed    |
| \$0006 | 6  | 2 SectorSize     |
| \$0008 | 8  | 2 XLECC          |
| \$000a | 10 | 2 EjectReset     |
| \$000c | 12 | 2 Reserved1[0]   |
| \$0014 | 20 | 2 MaxSpeed       |
| \$0016 | 22 | 2 AudioPrecision |
| \$0018 | 24 | 2 Status         |
| \$001a | 26 | 2 Reserved2[0]   |

**1.57 CDXL**

## CDXL:

|        |    |              |
|--------|----|--------------|
| \$001c | 28 | sizeof(CDXL) |
| \$0000 | 0  | 8 Node       |
| \$0008 | 8  | 4 Buffer     |
| \$000c | 12 | 4 Length     |
| \$0010 | 16 | 4 Actual     |
| \$0014 | 20 | 4 IntData    |
| \$0018 | 24 | 4 IntCode    |

**1.58 CIA**

## CIA:

|        |      |             |
|--------|------|-------------|
| \$0f02 | 3842 | sizeof(CIA) |
| \$0000 | 0    | 1 ciapra    |
| \$0001 | 1    | 1 pad0[0]   |
| \$0100 | 256  | 1 ciaprb    |
| \$0101 | 257  | 1 pad1[0]   |
| \$0200 | 512  | 1 ciaddra   |
| \$0201 | 513  | 1 pad2[0]   |
| \$0300 | 768  | 1 ciaddrb   |
| \$0301 | 769  | 1 pad3[0]   |
| \$0400 | 1024 | 1 ciatalo   |
| \$0401 | 1025 | 1 pad4[0]   |
| \$0500 | 1280 | 1 ciatahi   |
| \$0501 | 1281 | 1 pad5[0]   |
| \$0600 | 1536 | 1 ciatblo   |
| \$0601 | 1537 | 1 pad6[0]   |
| \$0700 | 1792 | 1 ciatbhi   |
| \$0701 | 1793 | 1 pad7[0]   |
| \$0800 | 2048 | 1 ciatodlow |
| \$0801 | 2049 | 1 pad8[0]   |
| \$0900 | 2304 | 1 ciatodmid |
| \$0901 | 2305 | 1 pad9[0]   |
| \$0a00 | 2560 | 1 ciatodhi  |
| \$0a01 | 2561 | 1 pad10[0]  |

|        |      |   |           |
|--------|------|---|-----------|
| \$0b00 | 2816 | 1 | unusedreg |
| \$0b01 | 2817 | 1 | pad11[0]  |
| \$0c00 | 3072 | 1 | ciasdr    |
| \$0c01 | 3073 | 1 | pad12[0]  |
| \$0d00 | 3328 | 1 | ciaicr    |
| \$0d01 | 3329 | 1 | pad13[0]  |
| \$0e00 | 3584 | 1 | ciacra    |
| \$0e01 | 3585 | 1 | pad14[0]  |
| \$0f00 | 3840 | 1 | ciacrb    |

## 1.59 CSource

CSource:

|        |    |                 |
|--------|----|-----------------|
| \$000c | 12 | sizeof(CSource) |
| \$0000 | 0  | 4 CS_Buffer     |
| \$0004 | 4  | 4 CS_Length     |
| \$0008 | 8  | 4 CS_CurChr     |

## 1.60 CardHandle

CardHandle:

|        |    |                    |
|--------|----|--------------------|
| \$001c | 28 | sizeof(CardHandle) |
| \$0000 | 0  | 14 cah_CardNode    |
| \$000e | 14 | 4 cah_CardRemoved  |
| \$0012 | 18 | 4 cah_CardInserted |
| \$0016 | 22 | 4 cah_CardStatus   |
| \$001a | 26 | 1 cah_CardFlags    |

## 1.61 CardMemoryMap

CardMemoryMap:

|        |    |                        |
|--------|----|------------------------|
| \$0018 | 24 | sizeof(CardMemoryMap)  |
| \$0000 | 0  | 4 cmm_CommonMemory     |
| \$0004 | 4  | 4 cmm_AttributeMemory  |
| \$0008 | 8  | 4 cmm_IOMemory         |
| \$000c | 12 | 4 cmm_CommonMemSize    |
| \$0010 | 16 | 4 cmm_AttributeMemSize |
| \$0014 | 20 | 4 cmm_IOMemSize        |

## 1.62 Catalog

Catalog:

|        |    |                 |
|--------|----|-----------------|
| \$001c | 28 | sizeof(Catalog) |
| \$0000 | 0  | 14 cat_Link     |
| \$000e | 14 | 2 cat_Pad       |
| \$0010 | 16 | 4 cat_Language  |
| \$0014 | 20 | 4 cat_CodeSet   |

---

```
$0018    24    2  cat_Version
$001a    26    2  cat_Revision
```

### 1.63 CliProcList

```
CliProcList:
$0010    16  sizeof(CliProcList)
$0000     0     8  cpl_Node
$0008     8     4  cpl_First
$000c    12     4  cpl_Array
```

### 1.64 ClipHookMsg

```
ClipHookMsg:
$000c    12  sizeof(ClipHookMsg)
$0000     0     4  chm_Type
$0004     4     4  chm_ChangeCmd
$0008     8     4  chm_ClipID
```

### 1.65 ClipRect

```
ClipRect:
$0024    36  sizeof(ClipRect)
$0000     0     4  Next
$0004     4     4  prev
$0008     8     4  lobs
$000c    12     4  BitMap
$0010    16     8  bounds
$0018    24     4  _p1
$001c    28     4  _p2
$0020    32     4  reserved
```

### 1.66 ClipboardHandle

```
ClipboardHandle:
$0078    120  sizeof(ClipboardHandle)
$0000     0    52  cbh_Req
$0034    52    34  cbh_CBport
$0056    86    34  cbh_SatisfyPort
```

### 1.67 ClipboardUnitPartial

```
ClipboardUnitPartial:
$0012    18  sizeof(ClipboardUnitPartial)
$0000     0    14  cu_Node
$000e    14     4  cu_UnitNum
```

---

## 1.68 ClockData

```
ClockData:
  $000e    14  sizeof(ClockData)
  $0000     0    2  sec
  $0002     2    2  min
  $0004     4    2  hour
  $0006     6    2  mday
  $0008     8    2  month
  $000a    10    2  year
  $000c    12    2  wday
```

## 1.69 CollectionItem

```
CollectionItem:
  $000c    12  sizeof(CollectionItem)
  $0000     0    4  ci_Next
  $0004     4    4  ci_Size
  $0008     8    4  ci_Data
```

## 1.70 ColorFontColors

```
ColorFontColors:
  $0008     8  sizeof(ColorFontColors)
  $0000     0    2  cfc_Reserved
  $0002     2    2  cfc_Count
  $0004     4    4  cfc_ColorTable
```

## 1.71 ColorMap

```
ColorMap:
  $0034    52  sizeof(ColorMap)
  $0000     0    1  Flags
  $0001     1    1  Type
  $0002     2    2  Count
  $0004     4    4  ColorTable
  $0008     8    4  cm_vpe
  $000c    12    4  LowColorBits
  $0010    16    1  TransparencyPlane
  $0011    17    1  SpriteResolution
  $0012    18    1  SpriteResDefault
  $0013    19    1  AuxFlags
  $0014    20    4  cm_vp
  $0018    24    4  NormalDisplayInfo
  $001c    28    4  CoerceDisplayInfo
  $0020    32    4  cm_batch_items
  $0024    36    4  VPMODEID
  $0028    40    4  PalExtra
  $002c    44    2  SpriteBase_Even
```

```
$002e    46    2  SpriteBase_Odd
$0030    48    2  Bp_0_base
$0032    50    2  Bp_1_base
```

## 1.72 ColorRegister

```
ColorRegister:
$0004    4  sizeof(ColorRegister)
$0000    0    1  red
$0001    1    1  green
$0002    2    1  blue
```

## 1.73 ColorSpec

```
ColorSpec:
$0008    8  sizeof(ColorSpec)
$0000    0    2  ColorIndex
$0002    2    2  Red
$0004    4    2  Green
$0006    6    2  Blue
```

## 1.74 ColorTextFont

```
ColorTextFont:
$0060    96  sizeof(ColorTextFont)
$0000    0    52  ctf_TF
$0034    52    2  ctf_Flags
$0036    54    1  ctf_Depth
$0037    55    1  ctf_FgColor
$0038    56    1  ctf_Low
$0039    57    1  ctf_High
$003a    58    1  ctf_PlanePick
$003b    59    1  ctf_PlaneOnOff
$003c    60    4  ctf_ColorFontColors
$0040    64    4  ctf_CharData[0]
```

## 1.75 ColorWheelHSB

```
ColorWheelHSB:
$000c    12  sizeof(ColorWheelHSB)
$0000    0    4  cw_Hue
$0004    4    4  cw_Saturation
$0008    8    4  cw_Brightness
```

## 1.76 ColorWheelRGB

```
ColorWheelRGB:
$000c    12  sizeof(ColorWheelRGB)
$0000     0    4  cw_Red
$0004     4    4  cw_Green
$0008     8    4  cw_Blue
```

## 1.77 CommandLineInterface

```
CommandLineInterface:
$0040    64  sizeof(CommandLineInterface)
$0000     0    4  cli_Result2
$0004     4    4  cli_SetName
$0008     8    4  cli_CommandDir
$000c    12    4  cli_ReturnCode
$0010    16    4  cli_CommandName
$0014    20    4  cli_FailLevel
$0018    24    4  cli_Prompt
$001c    28    4  cli_StandardInput
$0020    32    4  cli_CurrentInput
$0024    36    4  cli_CommandFile
$0028    40    4  cli_Interactive
$002c    44    4  cli_Background
$0030    48    4  cli_CurrentOutput
$0034    52    4  cli_DefaultStack
$0038    56    4  cli_StandardOutput
$003c    60    4  cli_Module
```

## 1.78 ConUnit

```
ConUnit:
$0128   296  sizeof(ConUnit)
$0000     0   34  cu_MP
$0022    34    4  cu_Window
$0026    38    2  cu_XCP
$0028    40    2  cu_YCP
$002a    42    2  cu_XMax
$002c    44    2  cu_YMax
$002e    46    2  cu_XRSize
$0030    48    2  cu_YRSize
$0032    50    2  cu_XROrigin
$0034    52    2  cu_YROrigin
$0036    54    2  cu_XRExtant
$0038    56    2  cu_YRExtant
$003a    58    2  cu_XMinShrink
$003c    60    2  cu_YMinShrink
$003e    62    2  cu_XCCP
$0040    64    2  cu_YCCP
$0042    66   32  cu_KeyMapStruct
$0062    98    2  cu_TabStops[0]
$0102   258    1  cu_Mask
```

|        |     |   |                 |
|--------|-----|---|-----------------|
| \$0103 | 259 | 1 | cu_FgPen        |
| \$0104 | 260 | 1 | cu_BgPen        |
| \$0105 | 261 | 1 | cu_AOLPen       |
| \$0106 | 262 | 1 | cu_DrawMode     |
| \$0107 | 263 | 1 | cu_Obsolete1    |
| \$0108 | 264 | 4 | cu_Obsolete2    |
| \$010c | 268 | 1 | cu_Minterms[0]  |
| \$0114 | 276 | 4 | cu_Font         |
| \$0118 | 280 | 1 | cu_AlgoStyle    |
| \$0119 | 281 | 1 | cu_TxFlags      |
| \$011a | 282 | 2 | cu_TxHeight     |
| \$011c | 284 | 2 | cu_TxWidth      |
| \$011e | 286 | 2 | cu_TxBaseline   |
| \$0120 | 288 | 2 | cu_TxSpacing    |
| \$0122 | 290 | 1 | cu_Modes[0]     |
| \$0125 | 293 | 1 | cu_RawEvents[0] |

## 1.79 Conductor

Conductor:

|        |    |                   |                     |
|--------|----|-------------------|---------------------|
| \$0036 | 54 | sizeof(Conductor) |                     |
| \$0000 | 0  | 14                | cdt_Link            |
| \$000e | 14 | 2                 | cdt_Reserved0       |
| \$0010 | 16 | 12                | cdt_Players         |
| \$001c | 28 | 4                 | cdt_ClockTime       |
| \$0020 | 32 | 4                 | cdt_StartTime       |
| \$0024 | 36 | 4                 | cdt_ExternalTime    |
| \$0028 | 40 | 4                 | cdt_MaxExternalTime |
| \$002c | 44 | 4                 | cdt_Metronome       |
| \$0030 | 48 | 2                 | cdt_Reserved1       |
| \$0032 | 50 | 2                 | cdt_Flags           |
| \$0034 | 52 | 1                 | cdt_State           |

## 1.80 ConfigDev

ConfigDev:

|        |    |                   |              |
|--------|----|-------------------|--------------|
| \$0044 | 68 | sizeof(ConfigDev) |              |
| \$0000 | 0  | 14                | cd_Node      |
| \$000e | 14 | 1                 | cd_Flags     |
| \$000f | 15 | 1                 | cd_Pad       |
| \$0010 | 16 | 16                | cd_Rom       |
| \$0020 | 32 | 4                 | cd_BoardAddr |
| \$0024 | 36 | 4                 | cd_BoardSize |
| \$0028 | 40 | 2                 | cd_SlotAddr  |
| \$002a | 42 | 2                 | cd_SlotSize  |
| \$002c | 44 | 4                 | cd_Driver    |
| \$0030 | 48 | 4                 | cd_NextCD    |
| \$0034 | 52 | 4                 | cd_Unused[0] |

## 1.81 ContextNode



```
ContextNode:
$0018    24  sizeof(ContextNode)
$0000     0     8  cn_Node
$0008     8     4  cn_ID
$000c    12     4  cn_Type
$0010    16     4  cn_Size
$0014    20     4  cn_Scan
```

## 1.82 CopIns

```
CopIns:
$0006     6  sizeof(CopIns)
$0000     0     2  OpCode
$0002     2     4  u3
$0002     2     4  u3.nxtlist
$0002     2     4  u3.u4
$0002     2     2  u3.u4.u1
$0002     2     2  u3.u4.u1.VWaitPos
$0002     2     2  u3.u4.u1.DestAddr
$0004     4     2  u3.u4.u2
$0004     4     2  u3.u4.u2.HWaitPos
$0004     4     2  u3.u4.u2.DestData
```

## 1.83 CopList

```
CopList:
$0026    38  sizeof(CopList)
$0000     0     4  Next
$0004     4     4  _CopList
$0008     8     4  _ViewPort
$000c    12     4  CopIns
$0010    16     4  CopPtr
$0014    20     4  CopLStart
$0018    24     4  CopSStart
$001c    28     2  Count
$001e    30     2  MaxCount
$0020    32     2  DyOffset
$0022    34     2  SLRepeat
$0024    36     2  Flags
```

## 1.84 CountryPrefs

```
CountryPrefs:
$01f8    504  sizeof(CountryPrefs)
$0000     0     4  cp_Reserved[0]
$0010    16     4  cp_CountryCode
$0014    20     4  cp_TelephoneCode
$0018    24     1  cp_MeasuringSystem
$0019    25     1  cp_DateTimeFormat[0]
```

|        |     |   |                             |
|--------|-----|---|-----------------------------|
| \$0069 | 105 | 1 | cp_DateFormat[0]            |
| \$0091 | 145 | 1 | cp_TimeFormat[0]            |
| \$00b9 | 185 | 1 | cp_ShortDateTimeFormat[0]   |
| \$0109 | 265 | 1 | cp_ShortDateFormat[0]       |
| \$0131 | 305 | 1 | cp_ShortTimeFormat[0]       |
| \$0159 | 345 | 1 | cp_DecimalPoint[0]          |
| \$0163 | 355 | 1 | cp_GroupSeparator[0]        |
| \$016d | 365 | 1 | cp_FracGroupSeparator[0]    |
| \$0177 | 375 | 1 | cp_Grouping[0]              |
| \$0181 | 385 | 1 | cp_FracGrouping[0]          |
| \$018b | 395 | 1 | cp_MonDecimalPoint[0]       |
| \$0195 | 405 | 1 | cp_MonGroupSeparator[0]     |
| \$019f | 415 | 1 | cp_MonFracGroupSeparator[0] |
| \$01a9 | 425 | 1 | cp_MonGrouping[0]           |
| \$01b3 | 435 | 1 | cp_MonFracGrouping[0]       |
| \$01bd | 445 | 1 | cp_MonFracDigits            |
| \$01be | 446 | 1 | cp_MonIntFracDigits         |
| \$01bf | 447 | 1 | cp_MonCS[0]                 |
| \$01c9 | 457 | 1 | cp_MonSmallCS[0]            |
| \$01d3 | 467 | 1 | cp_MonIntCS[0]              |
| \$01dd | 477 | 1 | cp_MonPositiveSign[0]       |
| \$01e7 | 487 | 1 | cp_MonPositiveSpaceSep      |
| \$01e8 | 488 | 1 | cp_MonPositiveSignPos       |
| \$01e9 | 489 | 1 | cp_MonPositiveCSPos         |
| \$01ea | 490 | 1 | cp_MonNegativeSign[0]       |
| \$01f4 | 500 | 1 | cp_MonNegativeSpaceSep      |
| \$01f5 | 501 | 1 | cp_MonNegativeSignPos       |
| \$01f6 | 502 | 1 | cp_MonNegativeCSPos         |
| \$01f7 | 503 | 1 | cp_CalendarType             |

## 1.85 CurrentBinding

CurrentBinding:

|        |    |                        |
|--------|----|------------------------|
| \$0010 | 16 | sizeof(CurrentBinding) |
| \$0000 | 0  | 4 cb_ConfigDev         |
| \$0004 | 4  | 4 cb_FileName          |
| \$0008 | 8  | 4 cb_ProductString     |
| \$000c | 12 | 4 cb_ToolTypes         |

## 1.86 Custom

Custom:

|        |     |                |
|--------|-----|----------------|
| \$01fe | 510 | sizeof(Custom) |
| \$0000 | 0   | 2 bltddat      |
| \$0002 | 2   | 2 dmaconr      |
| \$0004 | 4   | 2 vposr        |
| \$0006 | 6   | 2 vhposr       |
| \$0008 | 8   | 2 dskdatr      |
| \$000a | 10  | 2 joy0dat      |
| \$000c | 12  | 2 joy1dat      |
| \$000e | 14  | 2 clxdat       |
| \$0010 | 16  | 2 adkconr      |

---

|        |     |   |          |
|--------|-----|---|----------|
| \$0012 | 18  | 2 | pot0dat  |
| \$0014 | 20  | 2 | pot1dat  |
| \$0016 | 22  | 2 | potinp   |
| \$0018 | 24  | 2 | serdatr  |
| \$001a | 26  | 2 | dskbytr  |
| \$001c | 28  | 2 | intenar  |
| \$001e | 30  | 2 | intreqr  |
| \$0020 | 32  | 4 | dskpt    |
| \$0024 | 36  | 2 | dsklen   |
| \$0026 | 38  | 2 | dskdat   |
| \$0028 | 40  | 2 | refptr   |
| \$002a | 42  | 2 | vposw    |
| \$002c | 44  | 2 | vhposw   |
| \$002e | 46  | 2 | copcon   |
| \$0030 | 48  | 2 | serdat   |
| \$0032 | 50  | 2 | serper   |
| \$0034 | 52  | 2 | potgo    |
| \$0036 | 54  | 2 | joytest  |
| \$0038 | 56  | 2 | strequ   |
| \$003a | 58  | 2 | strvbl   |
| \$003c | 60  | 2 | strhor   |
| \$003e | 62  | 2 | strlong  |
| \$0040 | 64  | 2 | bltcon0  |
| \$0042 | 66  | 2 | bltcon1  |
| \$0044 | 68  | 2 | bltafwm  |
| \$0046 | 70  | 2 | bltalwm  |
| \$0048 | 72  | 4 | bltcpt   |
| \$004c | 76  | 4 | bltbpt   |
| \$0050 | 80  | 4 | bltapt   |
| \$0054 | 84  | 4 | bltdpt   |
| \$0058 | 88  | 2 | bltsize  |
| \$005a | 90  | 1 | pad2d    |
| \$005b | 91  | 1 | bltcon01 |
| \$005c | 92  | 2 | bltsizv  |
| \$005e | 94  | 2 | bltsizh  |
| \$0060 | 96  | 2 | bltcmmod |
| \$0062 | 98  | 2 | bltbmod  |
| \$0064 | 100 | 2 | bltamod  |
| \$0066 | 102 | 2 | bltdmod  |
| \$0068 | 104 | 2 | pad34[0] |
| \$0070 | 112 | 2 | bltcdat  |
| \$0072 | 114 | 2 | bltbdat  |
| \$0074 | 116 | 2 | bltadat  |
| \$0076 | 118 | 2 | pad3b[0] |
| \$007c | 124 | 2 | deniseid |
| \$007e | 126 | 2 | dsksync  |
| \$0080 | 128 | 4 | cop1lc   |
| \$0084 | 132 | 4 | cop2lc   |
| \$0088 | 136 | 2 | copjmp1  |
| \$008a | 138 | 2 | copjmp2  |
| \$008c | 140 | 2 | copins   |
| \$008e | 142 | 2 | diwstrt  |
| \$0090 | 144 | 2 | diwstop  |
| \$0092 | 146 | 2 | ddfstrt  |
| \$0094 | 148 | 2 | ddfstop  |
| \$0096 | 150 | 2 | dmacon   |
| \$0098 | 152 | 2 | clxcon   |

---

|        |     |    |           |
|--------|-----|----|-----------|
| \$009a | 154 | 2  | intena    |
| \$009c | 156 | 2  | intreq    |
| \$009e | 158 | 2  | adkcon    |
| \$00a0 | 160 | 16 | aud[0]    |
| \$00a0 | 176 | 16 | aud[1]    |
| \$00e0 | 224 | 4  | bplpt[0]  |
| \$0100 | 256 | 2  | bplcon0   |
| \$0102 | 258 | 2  | bplcon1   |
| \$0104 | 260 | 2  | bplcon2   |
| \$0106 | 262 | 2  | bplcon3   |
| \$0108 | 264 | 2  | bpl1mod   |
| \$010a | 266 | 2  | bpl2mod   |
| \$010c | 268 | 2  | bplcon4   |
| \$010e | 270 | 2  | clxcon2   |
| \$0110 | 272 | 2  | bpldat[0] |
| \$0120 | 288 | 4  | sprpt[0]  |
| \$0140 | 320 | 8  | spr[0]    |
| \$0148 | 328 | 8  | spr[1]    |
| \$0150 | 336 | 8  | spr[2]    |
| \$0158 | 344 | 8  | spr[3]    |
| \$0160 | 352 | 8  | spr[4]    |
| \$0168 | 360 | 8  | spr[5]    |
| \$0170 | 368 | 8  | spr[6]    |
| \$0178 | 376 | 8  | spr[7]    |
| \$0180 | 384 | 2  | color[0]  |
| \$01c0 | 448 | 2  | htotal    |
| \$01c2 | 450 | 2  | hsstop    |
| \$01c4 | 452 | 2  | hbstrt    |
| \$01c6 | 454 | 2  | hbstop    |
| \$01c8 | 456 | 2  | vtotal    |
| \$01ca | 458 | 2  | vsstop    |
| \$01cc | 460 | 2  | vbstrt    |
| \$01ce | 462 | 2  | vbstop    |
| \$01d0 | 464 | 2  | sprhstrt  |
| \$01d2 | 466 | 2  | sprhstop  |
| \$01d4 | 468 | 2  | bplhstrt  |
| \$01d6 | 470 | 2  | bplhstop  |
| \$01d8 | 472 | 2  | hhposw    |
| \$01da | 474 | 2  | hhposr    |
| \$01dc | 476 | 2  | beamcon0  |
| \$01de | 478 | 2  | hsstrt    |
| \$01e0 | 480 | 2  | vsstrt    |
| \$01e2 | 482 | 2  | hcenter   |
| \$01e4 | 484 | 2  | diwhigh   |
| \$01e6 | 486 | 2  | padf3[0]  |
| \$01fc | 508 | 2  | fmode     |

## 1.87 DBufInfo

DBufInfo:

|        |    |                    |
|--------|----|--------------------|
| \$0054 | 84 | sizeof(DBufInfo)   |
| \$0000 | 0  | 4 dbi_Link1        |
| \$0004 | 4  | 4 dbi_Count1       |
| \$0008 | 8  | 20 dbi_SafeMessage |
| \$001c | 28 | 4 dbi_UserData1    |

|        |    |    |                 |
|--------|----|----|-----------------|
| \$0020 | 32 | 4  | dbi_Link2       |
| \$0024 | 36 | 4  | dbi_Count2      |
| \$0028 | 40 | 20 | dbi_DispMessage |
| \$003c | 60 | 4  | dbi_UserData2   |
| \$0040 | 64 | 4  | dbi_MatchLong   |
| \$0044 | 68 | 4  | dbi_CopPtr1     |
| \$0048 | 72 | 4  | dbi_CopPtr2     |
| \$004c | 76 | 4  | dbi_CopPtr3     |
| \$0050 | 80 | 2  | dbi_BeamPos1    |
| \$0052 | 82 | 2  | dbi_BeamPos2    |

## 1.88 DBufPacket

DBufPacket:

|        |    |                    |
|--------|----|--------------------|
| \$000c | 12 | sizeof(DBufPacket) |
| \$0000 | 0  | 2 BufY             |
| \$0002 | 2  | 2 BufX             |
| \$0004 | 4  | 4 BufPath          |
| \$0008 | 8  | 4 BufBuffer        |

## 1.89 DTHookContext

DTHookContext:

|        |    |                       |
|--------|----|-----------------------|
| \$0028 | 40 | sizeof(DTHookContext) |
| \$0000 | 0  | 4 dthc_SysBase        |
| \$0004 | 4  | 4 dthc_DOSBase        |
| \$0008 | 8  | 4 dthc_IFFParseBase   |
| \$000c | 12 | 4 dthc_UtilityBase    |
| \$0010 | 16 | 4 dthc_Lock           |
| \$0014 | 20 | 4 dthc_FIB            |
| \$0018 | 24 | 4 dthc_FileHandle     |
| \$001c | 28 | 4 dthc_IFF            |
| \$0020 | 32 | 4 dthc_Buffer         |
| \$0024 | 36 | 4 dthc_BufferLength   |

## 1.90 DTMethod

DTMethod:

|        |    |                  |
|--------|----|------------------|
| \$000c | 12 | sizeof(DTMethod) |
| \$0000 | 0  | 4 dtm_Label      |
| \$0004 | 4  | 4 dtm_Command    |
| \$0008 | 8  | 4 dtm_Method     |

## 1.91 DTSpecialInfo

## DTSpecialInfo:

|        |    |                        |
|--------|----|------------------------|
| \$005a | 90 | sizeof (DTSpecialInfo) |
| \$0000 | 0  | 46 si_Lock             |
| \$002e | 46 | 4 si_Flags             |
| \$0032 | 50 | 4 si_TopVert           |
| \$0036 | 54 | 4 si_VisVert           |
| \$003a | 58 | 4 si_TotVert           |
| \$003e | 62 | 4 si_OTopVert          |
| \$0042 | 66 | 4 si_VertUnit          |
| \$0046 | 70 | 4 si_TopHoriz          |
| \$004a | 74 | 4 si_VisHoriz          |
| \$004e | 78 | 4 si_TotHoriz          |
| \$0052 | 82 | 4 si_OTopHoriz         |
| \$0056 | 86 | 4 si_HorizUnit         |

## 1.92 DataType

## DataType:

|        |    |                    |
|--------|----|--------------------|
| \$003a | 58 | sizeof (DataType)  |
| \$0000 | 0  | 14 dtn_Node1       |
| \$000e | 14 | 14 dtn_Node2       |
| \$001c | 28 | 4 dtn_Header       |
| \$0020 | 32 | 14 dtn_ToolList    |
| \$002e | 46 | 4 dtn_FunctionName |
| \$0032 | 50 | 4 dtn_AttrList     |
| \$0036 | 54 | 4 dtn_Length       |

## 1.93 DataTypeHeader

## DataTypeHeader:

|        |    |                         |
|--------|----|-------------------------|
| \$0020 | 32 | sizeof (DataTypeHeader) |
| \$0000 | 0  | 4 dth_Name              |
| \$0004 | 4  | 4 dth_BaseName          |
| \$0008 | 8  | 4 dth_Pattern           |
| \$000c | 12 | 4 dth_Mask              |
| \$0010 | 16 | 4 dth_GroupID           |
| \$0014 | 20 | 4 dth_ID                |
| \$0018 | 24 | 2 dth_MaskLen           |
| \$001a | 26 | 2 dth_Pad               |
| \$001c | 28 | 2 dth_Flags             |
| \$001e | 30 | 2 dth_Priority          |

## 1.94 DateStamp

## DateStamp:

|        |    |                    |
|--------|----|--------------------|
| \$000c | 12 | sizeof (DateStamp) |
| \$0000 | 0  | 4 ds_Days          |
| \$0004 | 4  | 4 ds_Minute        |
| \$0008 | 8  | 4 ds_Tick          |

## 1.95 DateTime

DateTime:

|        |    |                  |
|--------|----|------------------|
| \$001a | 26 | sizeof(DateTime) |
| \$0000 | 0  | 12 dat_Stamp     |
| \$000c | 12 | 1 dat_Format     |
| \$000d | 13 | 1 dat_Flags      |
| \$000e | 14 | 4 dat_StrDay     |
| \$0012 | 18 | 4 dat_StrDate    |
| \$0016 | 22 | 4 dat_StrTime    |

## 1.96 DevInfo

DevInfo:

|        |    |                 |
|--------|----|-----------------|
| \$002c | 44 | sizeof(DevInfo) |
| \$0000 | 0  | 4 dvi_Next      |
| \$0004 | 4  | 4 dvi_Type      |
| \$0008 | 8  | 4 dvi_Task      |
| \$000c | 12 | 4 dvi_Lock      |
| \$0010 | 16 | 4 dvi_Handler   |
| \$0014 | 20 | 4 dvi_StackSize |
| \$0018 | 24 | 4 dvi_Priority  |
| \$001c | 28 | 4 dvi_Startup   |
| \$0020 | 32 | 4 dvi_SegList   |
| \$0024 | 36 | 4 dvi_GlobVec   |
| \$0028 | 40 | 4 dvi_Name      |

## 1.97 DevProc

DevProc:

|        |    |                 |
|--------|----|-----------------|
| \$0010 | 16 | sizeof(DevProc) |
| \$0000 | 0  | 4 dvp_Port      |
| \$0004 | 4  | 4 dvp_Lock      |
| \$0008 | 8  | 4 dvp_Flags     |
| \$000c | 12 | 4 dvp_DevNode   |

## 1.98 Device

Device:

|        |    |                |
|--------|----|----------------|
| \$0022 | 34 | sizeof(Device) |
| \$0000 | 0  | 34 dd_Library  |

## 1.99 DeviceData

## DeviceData:

|        |    |                    |
|--------|----|--------------------|
| \$0034 | 52 | sizeof(DeviceData) |
| \$0000 | 0  | 34 dd_Device       |
| \$0022 | 34 | 4 dd_Segment       |
| \$0026 | 38 | 4 dd_ExecBase      |
| \$002a | 42 | 4 dd_CmdVectors    |
| \$002e | 46 | 4 dd_CmdBytes      |
| \$0032 | 50 | 2 dd_NumCommands   |

## 1.100 DeviceList

## DeviceList:

|        |    |                    |
|--------|----|--------------------|
| \$002c | 44 | sizeof(DeviceList) |
| \$0000 | 0  | 4 dl_Next          |
| \$0004 | 4  | 4 dl_Type          |
| \$0008 | 8  | 4 dl_Task          |
| \$000c | 12 | 4 dl_Lock          |
| \$0010 | 16 | 12 dl_VolumeDate   |
| \$001c | 28 | 4 dl_LockList      |
| \$0020 | 32 | 4 dl_DiskType      |
| \$0024 | 36 | 4 dl_unused        |
| \$0028 | 40 | 4 dl_Name          |

## 1.101 DeviceNode

## DeviceNode:

|        |    |                    |
|--------|----|--------------------|
| \$002c | 44 | sizeof(DeviceNode) |
| \$0000 | 0  | 4 dn_Next          |
| \$0004 | 4  | 4 dn_Type          |
| \$0008 | 8  | 4 dn_Task          |
| \$000c | 12 | 4 dn_Lock          |
| \$0010 | 16 | 4 dn_Handler       |
| \$0014 | 20 | 4 dn_StackSize     |
| \$0018 | 24 | 4 dn_Priority      |
| \$001c | 28 | 4 dn_Startup       |
| \$0020 | 32 | 4 dn_SegList       |
| \$0024 | 36 | 4 dn_GlobalVec     |
| \$0028 | 40 | 4 dn_Name          |

## 1.102 DeviceTData

## DeviceTData:

|        |    |                     |
|--------|----|---------------------|
| \$000a | 10 | sizeof(DeviceTData) |
| \$0000 | 0  | 4 dtd_DTsize        |
| \$0004 | 4  | 4 dtd_DTspped       |
| \$0008 | 8  | 1 dtd_DTtype        |
| \$0009 | 9  | 1 dtd_DTflags       |

---



## 1.103 DiagArea

DiagArea:

|        |    |                  |
|--------|----|------------------|
| \$000e | 14 | sizeof(DiagArea) |
| \$0000 | 0  | 1 da_Config      |
| \$0001 | 1  | 1 da_Flags       |
| \$0002 | 2  | 2 da_Size        |
| \$0004 | 4  | 2 da_DiagPoint   |
| \$0006 | 6  | 2 da_BootPoint   |
| \$0008 | 8  | 2 da_Name        |
| \$000a | 10 | 2 da_Reserved01  |
| \$000c | 12 | 2 da_Reserved02  |

## 1.104 DimensionInfo

DimensionInfo:

|        |    |                       |
|--------|----|-----------------------|
| \$0058 | 88 | sizeof(DimensionInfo) |
| \$0000 | 0  | 16 Header             |
| \$0010 | 16 | 2 MaxDepth            |
| \$0012 | 18 | 2 MinRasterWidth      |
| \$0014 | 20 | 2 MinRasterHeight     |
| \$0016 | 22 | 2 MaxRasterWidth      |
| \$0018 | 24 | 2 MaxRasterHeight     |
| \$001a | 26 | 8 Nominal             |
| \$0022 | 34 | 8 MaxOScan            |
| \$002a | 42 | 8 VideoOScan          |
| \$0032 | 50 | 8 TxtOScan            |
| \$003a | 58 | 8 StdOScan            |
| \$0042 | 66 | 1 pad[0]              |
| \$0050 | 80 | 4 reserved[0]         |

## 1.105 DiscResource

DiscResource:

|        |     |                      |
|--------|-----|----------------------|
| \$0094 | 148 | sizeof(DiscResource) |
| \$0000 | 0   | 34 dr_Library        |
| \$0022 | 34  | 4 dr_Current         |
| \$0026 | 38  | 1 dr_Flags           |
| \$0027 | 39  | 1 dr_pad             |
| \$0028 | 40  | 4 dr_SysLib          |
| \$002c | 44  | 4 dr_CiaResource     |
| \$0030 | 48  | 4 dr_UnitID[0]       |
| \$0040 | 64  | 14 dr_Waiting        |
| \$004e | 78  | 22 dr_DiscBlock      |
| \$0064 | 100 | 22 dr_DiscSync       |
| \$007a | 122 | 22 dr_Index          |
| \$0090 | 144 | 4 dr_CurrTask        |

## 1.106 DiscResourceUnit

DiscResourceUnit:

|        |    |                          |
|--------|----|--------------------------|
| \$0056 | 86 | sizeof(DiscResourceUnit) |
| \$0000 | 0  | 20 dru_Message           |
| \$0014 | 20 | 22 dru_DiscBlock         |
| \$002a | 42 | 22 dru_DiscSync          |
| \$0040 | 64 | 22 dru_Index             |

## 1.107 DiskFontHeader

DiskFontHeader:

|        |     |                        |
|--------|-----|------------------------|
| \$006a | 106 | sizeof(DiskFontHeader) |
| \$0000 | 0   | 14 dfh_DF              |
| \$000e | 14  | 2 dfh_FileID           |
| \$0010 | 16  | 2 dfh_Revision         |
| \$0012 | 18  | 4 dfh_Segment          |
| \$0016 | 22  | 1 dfh_Name[0]          |
| \$0036 | 54  | 52 dfh_TF              |

## 1.108 DiskObject

DiskObject:

|        |    |                    |
|--------|----|--------------------|
| \$004e | 78 | sizeof(DiskObject) |
| \$0000 | 0  | 2 do_Magic         |
| \$0002 | 2  | 2 do_Version       |
| \$0004 | 4  | 44 do_Gadget       |
| \$0030 | 48 | 1 do_Type          |
| \$0032 | 50 | 4 do_DefaultTool   |
| \$0036 | 54 | 4 do_ToolTypes     |
| \$003a | 58 | 4 do_CurrentX      |
| \$003e | 62 | 4 do_CurrentY      |
| \$0042 | 66 | 4 do_DrawerData    |
| \$0046 | 70 | 4 do_ToolWindow    |
| \$004a | 74 | 4 do_StackSize     |

## 1.109 DisplayInfo

DisplayInfo:

|        |    |                     |
|--------|----|---------------------|
| \$0038 | 56 | sizeof(DisplayInfo) |
| \$0000 | 0  | 16 Header           |
| \$0010 | 16 | 2 NotAvailable      |
| \$0012 | 18 | 4 PropertyFlags     |
| \$0016 | 22 | 4 Resolution        |
| \$001a | 26 | 2 PixelSpeed        |
| \$001c | 28 | 2 NumStdSprites     |
| \$001e | 30 | 2 PaletteRange      |
| \$0020 | 32 | 4 SpriteResolution  |
| \$0024 | 36 | 1 pad[0]            |
| \$0028 | 40 | 1 RedBits           |
| \$0029 | 41 | 1 GreenBits         |

|        |    |   |             |
|--------|----|---|-------------|
| \$002a | 42 | 1 | BlueBits    |
| \$002b | 43 | 1 | pad2[0]     |
| \$0030 | 48 | 4 | reserved[0] |

## 1.110 DisplayMode

DisplayMode:

|        |     |                     |
|--------|-----|---------------------|
| \$006a | 106 | sizeof(DisplayMode) |
| \$0000 | 0   | 14 dm_Node          |
| \$000e | 14  | 88 dm_DimensionInfo |
| \$0066 | 102 | 4 dm_PropertyFlags  |

## 1.111 DosEnvec

DosEnvec:

|        |    |                     |
|--------|----|---------------------|
| \$0050 | 80 | sizeof(DosEnvec)    |
| \$0000 | 0  | 4 de_TableSize      |
| \$0004 | 4  | 4 de_SizeBlock      |
| \$0008 | 8  | 4 de_SecOrg         |
| \$000c | 12 | 4 de_Surfaces       |
| \$0010 | 16 | 4 de_SectorPerBlock |
| \$0014 | 20 | 4 de_BlocksPerTrack |
| \$0018 | 24 | 4 de_Reserved       |
| \$001c | 28 | 4 de_PreAlloc       |
| \$0020 | 32 | 4 de_Interleave     |
| \$0024 | 36 | 4 de_LowCyl         |
| \$0028 | 40 | 4 de_HighCyl        |
| \$002c | 44 | 4 de_NumBuffers     |
| \$0030 | 48 | 4 de_BufMemType     |
| \$0034 | 52 | 4 de_MaxTransfer    |
| \$0038 | 56 | 4 de_Mask           |
| \$003c | 60 | 4 de_BootPri        |
| \$0040 | 64 | 4 de_DosType        |
| \$0044 | 68 | 4 de_Baud           |
| \$0048 | 72 | 4 de_Control        |
| \$004c | 76 | 4 de_BootBlocks     |

## 1.112 DosInfo

DosInfo:

|        |     |                  |
|--------|-----|------------------|
| \$009e | 158 | sizeof(DosInfo)  |
| \$0000 | 0   | 4 di_McName      |
| \$0004 | 4   | 4 di_DevInfo     |
| \$0008 | 8   | 4 di_Devices     |
| \$000c | 12  | 4 di_Handlers    |
| \$0010 | 16  | 4 di_NetHand     |
| \$0014 | 20  | 46 di_DevLock    |
| \$0042 | 66  | 46 di_EntryLock  |
| \$0070 | 112 | 46 di_DeleteLock |

## 1.113 DosLibrary

```

DosLibrary:
  $0046    70    sizeof(DosLibrary)
  $0000     0    34    dl_lib
  $0022    34     4    dl_Root
  $0026    38     4    dl_GV
  $002a    42     4    dl_A2
  $002e    46     4    dl_A5
  $0032    50     4    dl_A6
  $0036    54     4    dl_Errors
  $003a    58     4    dl_TimeReq
  $003e    62     4    dl_UtilityBase
  $0042    66     4    dl_IntuitionBase

```

## 1.114 DosList

```

DosList:
  $002c    44    sizeof(DosList)
  $0000     0     4    dol_Next
  $0004     4     4    dol_Type
  $0008     8     4    dol_Task
  $000c    12     4    dol_Lock
  $0010    16    24    dol_misc
  $0010    16    24    dol_misc.dol_handler
  $0010    16     4    dol_misc.dol_handler.dol_Handler
  $0014    20     4    dol_misc.dol_handler.dol_StackSize
  $0018    24     4    dol_misc.dol_handler.dol_Priority
  $001c    28     4    dol_misc.dol_handler.dol_Startup
  $0020    32     4    dol_misc.dol_handler.dol_SegList
  $0024    36     4    dol_misc.dol_handler.dol_GlobVec
  $0010    16    20    dol_misc.dol_volume
  $0010    16    12    dol_misc.dol_volume.dol_VolumeDate
  $001c    28     4    dol_misc.dol_volume.dol_LockList
  $0020    32     4    dol_misc.dol_volume.dol_DiskType
  $0010    16     8    dol_misc.dol_assign
  $0010    16     4    dol_misc.dol_assign.dol_AssignName
  $0014    20     4    dol_misc.dol_assign.dol_List
  $0028    40     4    dol_Name

```

## 1.115 DosPacket

```

DosPacket:
  $0030    48    sizeof(DosPacket)
  $0000     0     4    dp_Link
  $0004     4     4    dp_Port
  $0008     8     4    dp_Type
  $000c    12     4    dp_Res1
  $0010    16     4    dp_Res2
  $0014    20     4    dp_Arg1
  $0018    24     4    dp_Arg2
  $001c    28     4    dp_Arg3

```

|        |    |   |         |
|--------|----|---|---------|
| \$0020 | 32 | 4 | dp_Arg4 |
| \$0024 | 36 | 4 | dp_Arg5 |
| \$0028 | 40 | 4 | dp_Arg6 |
| \$002c | 44 | 4 | dp_Arg7 |

## 1.116 DrawInfo

DrawInfo:

|        |    |                  |                  |
|--------|----|------------------|------------------|
| \$0032 | 50 | sizeof(DrawInfo) |                  |
| \$0000 | 0  | 2                | dri_Version      |
| \$0002 | 2  | 2                | dri_NumPens      |
| \$0004 | 4  | 4                | dri_Pens         |
| \$0008 | 8  | 4                | dri_Font         |
| \$000c | 12 | 2                | dri_Depth        |
| \$000e | 14 | 4                | dri_Resolution   |
| \$000e | 14 | 2                | dri_Resolution.X |
| \$0010 | 16 | 2                | dri_Resolution.Y |
| \$0012 | 18 | 4                | dri_Flags        |
| \$0016 | 22 | 4                | dri_CheckMark    |
| \$001a | 26 | 4                | dri_AmigaKey     |
| \$001e | 30 | 4                | dri_Reserved[0]  |

## 1.117 DrawerData

DrawerData:

|        |    |                    |              |
|--------|----|--------------------|--------------|
| \$003e | 62 | sizeof(DrawerData) |              |
| \$0000 | 0  | 48                 | dd_NewWindow |
| \$0030 | 48 | 4                  | dd_CurrentX  |
| \$0034 | 52 | 4                  | dd_CurrentY  |
| \$0038 | 56 | 4                  | dd_Flags     |
| \$003c | 60 | 2                  | dd_ViewModes |

## 1.118 DriveGeometry

DriveGeometry:

|        |    |                       |                 |
|--------|----|-----------------------|-----------------|
| \$0020 | 32 | sizeof(DriveGeometry) |                 |
| \$0000 | 0  | 4                     | dg_SectorSize   |
| \$0004 | 4  | 4                     | dg_TotalSectors |
| \$0008 | 8  | 4                     | dg_Cylinders    |
| \$000c | 12 | 4                     | dg_CylSectors   |
| \$0010 | 16 | 4                     | dg_Heads        |
| \$0014 | 20 | 4                     | dg_TrackSectors |
| \$0018 | 24 | 4                     | dg_BufMemType   |
| \$001c | 28 | 1                     | dg_DeviceType   |
| \$001d | 29 | 1                     | dg_Flags        |
| \$001e | 30 | 2                     | dg_Reserved     |

## 1.119 EClockVal

```
EClockVal:
  $0008      8  sizeof(EClockVal)
  $0000      0   4  ev_hi
  $0004      4   4  ev_lo
```

## 1.120 EasyStruct

```
EasyStruct:
  $0014     20  sizeof(EasyStruct)
  $0000      0   4  es_StructSize
  $0004      4   4  es_Flags
  $0008      8   4  es_Title
  $000c     12   4  es_TextFormat
  $0010     16   4  es_GadgetFormat
```

## 1.121 ErrorString

```
ErrorString:
  $0008      8  sizeof(ErrorString)
  $0000      0   4  estr_Nums
  $0004      4   4  estr_Strings
```

## 1.122 ExAllControl

```
ExAllControl:
  $0010     16  sizeof(ExAllControl)
  $0000      0   4  eac_Entries
  $0004      4   4  eac_LastKey
  $0008      8   4  eac_MatchString
  $000c     12   4  eac_MatchFunc
```

## 1.123 ExAllData

```
ExAllData:
  $0028     40  sizeof(ExAllData)
  $0000      0   4  ed_Next
  $0004      4   4  ed_Name
  $0008      8   4  ed_Type
  $000c     12   4  ed_Size
  $0010     16   4  ed_Prot
  $0014     20   4  ed_Days
  $0018     24   4  ed_Mins
  $001c     28   4  ed_Ticks
  $0020     32   4  ed_Comment
  $0024     36   2  ed_OwnerUID
  $0026     38   2  ed_OwnerGID
```

## 1.124 ExecBase

ExecBase:

|        |     |                        |
|--------|-----|------------------------|
| \$0278 | 632 | sizeof(ExecBase)       |
| \$0000 | 0   | 34 LibNode             |
| \$0022 | 34  | 2 SoftVer              |
| \$0024 | 36  | 2 LowMemChkSum         |
| \$0026 | 38  | 4 ChkBase              |
| \$002a | 42  | 4 ColdCapture          |
| \$002e | 46  | 4 CoolCapture          |
| \$0032 | 50  | 4 WarmCapture          |
| \$0036 | 54  | 4 SysStkUpper          |
| \$003a | 58  | 4 SysStkLower          |
| \$003e | 62  | 4 MaxLocMem            |
| \$0042 | 66  | 4 DebugEntry           |
| \$0046 | 70  | 4 DebugData            |
| \$004a | 74  | 4 AlertData            |
| \$004e | 78  | 4 MaxExtMem            |
| \$0052 | 82  | 2 ChkSum               |
| \$0054 | 84  | 12 IntVects[0]         |
| \$0114 | 276 | 4 ThisTask             |
| \$0118 | 280 | 4 IdleCount            |
| \$011c | 284 | 4 DispCount            |
| \$0120 | 288 | 2 Quantum              |
| \$0122 | 290 | 2 Elapsed              |
| \$0124 | 292 | 2 SysFlags             |
| \$0126 | 294 | 1 IDNestCnt            |
| \$0127 | 295 | 1 TDNestCnt            |
| \$0128 | 296 | 2 AttnFlags            |
| \$012a | 298 | 2 AttnResched          |
| \$012c | 300 | 4 ResModules           |
| \$0130 | 304 | 4 TaskTrapCode         |
| \$0134 | 308 | 4 TaskExceptCode       |
| \$0138 | 312 | 4 TaskExitCode         |
| \$013c | 316 | 4 TaskSigAlloc         |
| \$0140 | 320 | 2 TaskTrapAlloc        |
| \$0142 | 322 | 14 MemList             |
| \$0150 | 336 | 14 ResourceList        |
| \$015e | 350 | 14 DeviceList          |
| \$016c | 364 | 14 IntrList            |
| \$017a | 378 | 14 LibList             |
| \$0188 | 392 | 14 PortList            |
| \$0196 | 406 | 14 TaskReady           |
| \$01a4 | 420 | 14 TaskWait            |
| \$01b2 | 434 | 16 SoftInts[0]         |
| \$0202 | 514 | 4 LastAlert[0]         |
| \$0212 | 530 | 1 VBlankFrequency      |
| \$0213 | 531 | 1 PowerSupplyFrequency |
| \$0214 | 532 | 14 SemaphoreList       |
| \$0222 | 546 | 4 KickMemPtr           |
| \$0226 | 550 | 4 KickTagPtr           |
| \$022a | 554 | 4 KickCheckSum         |
| \$022e | 558 | 2 ex_Pad0              |
| \$0230 | 560 | 4 ex_LaunchPoint       |
| \$0234 | 564 | 4 ex_RamLibPrivate     |
| \$0238 | 568 | 4 ex_EClockFrequency   |

|        |     |    |                 |
|--------|-----|----|-----------------|
| \$023c | 572 | 4  | ex_CacheControl |
| \$0240 | 576 | 4  | ex_TaskID       |
| \$0244 | 580 | 4  | ex_Reserved1[0] |
| \$0258 | 600 | 4  | ex_MMULock      |
| \$025c | 604 | 4  | ex_Reserved2[0] |
| \$0268 | 616 | 12 | ex_MemHandlers  |
| \$0274 | 628 | 4  | ex_MemHandler   |

## 1.125 ExpansionBase

```
ExpansionBase:
$0058      88  sizeof(ExpansionBase)
$0000       0   34  LibNode
$0022      34    1  Flags
$0023      35    1  eb_Private01
$0024      36    4  eb_Private02
$0028      40    4  eb_Private03
$002c      44   16  eb_Private04
$003c      60   14  eb_Private05
$004a      74   14  MountList
```

## 1.126 ExpansionControl

```
ExpansionControl:
$0010      16  sizeof(ExpansionControl)
$0000       0    1  ec_Interrupt
$0001       1    1  ec_Z3_HighBase
$0002       2    1  ec_BaseAddress
$0003       3    1  ec_Shutup
$0004       4    1  ec_Reserved14
$0005       5    1  ec_Reserved15
$0006       6    1  ec_Reserved16
$0007       7    1  ec_Reserved17
$0008       8    1  ec_Reserved18
$0009       9    1  ec_Reserved19
$000a      10    1  ec_Reserved1a
$000b      11    1  ec_Reserved1b
$000c      12    1  ec_Reserved1c
$000d      13    1  ec_Reserved1d
$000e      14    1  ec_Reserved1e
$000f      15    1  ec_Reserved1f
```

## 1.127 ExpansionRom

```
ExpansionRom:
$0010      16  sizeof(ExpansionRom)
$0000       0    1  er_Type
$0001       1    1  er_Product
$0002       2    1  er_Flags
$0003       3    1  er_Reserved03
```



|        |    |   |                 |
|--------|----|---|-----------------|
| \$0004 | 4  | 2 | er_Manufacturer |
| \$0006 | 6  | 4 | er_SerialNumber |
| \$000a | 10 | 2 | er_InitDiagVec  |
| \$000c | 12 | 1 | er_Reserved0c   |
| \$000d | 13 | 1 | er_Reserved0d   |
| \$000e | 14 | 1 | er_Reserved0e   |
| \$000f | 15 | 1 | er_Reserved0f   |

## 1.128 ExtGadget

ExtGadget :

|        |    |                    |                |
|--------|----|--------------------|----------------|
| \$0038 | 56 | sizeof (ExtGadget) |                |
| \$0000 | 0  | 4                  | NextGadget     |
| \$0004 | 4  | 2                  | LeftEdge       |
| \$0006 | 6  | 2                  | TopEdge        |
| \$0008 | 8  | 2                  | Width          |
| \$000a | 10 | 2                  | Height         |
| \$000c | 12 | 2                  | Flags          |
| \$000e | 14 | 2                  | Activation     |
| \$0010 | 16 | 2                  | GadgetType     |
| \$0012 | 18 | 4                  | GadgetRender   |
| \$0016 | 22 | 4                  | SelectRender   |
| \$001a | 26 | 4                  | GadgetText     |
| \$001e | 30 | 4                  | MutualExclude  |
| \$0022 | 34 | 4                  | SpecialInfo    |
| \$0026 | 38 | 2                  | GadgetID       |
| \$0028 | 40 | 4                  | UserData       |
| \$002c | 44 | 4                  | MoreFlags      |
| \$0030 | 48 | 2                  | BoundsLeftEdge |
| \$0032 | 50 | 2                  | BoundsTopEdge  |
| \$0034 | 52 | 2                  | BoundsWidth    |
| \$0036 | 54 | 2                  | BoundsHeight   |

## 1.129 ExtIntuiMessage

ExtIntuiMessage:

|        |    |                          |                  |
|--------|----|--------------------------|------------------|
| \$0038 | 56 | sizeof (ExtIntuiMessage) |                  |
| \$0000 | 0  | 52                       | eim_IntuiMessage |
| \$0034 | 52 | 4                        | eim_TabletData   |

## 1.130 ExtNewScreen

ExtNewScreen:

|        |    |                       |           |
|--------|----|-----------------------|-----------|
| \$0024 | 36 | sizeof (ExtNewScreen) |           |
| \$0000 | 0  | 2                     | LeftEdge  |
| \$0002 | 2  | 2                     | TopEdge   |
| \$0004 | 4  | 2                     | Width     |
| \$0006 | 6  | 2                     | Height    |
| \$0008 | 8  | 2                     | Depth     |
| \$000a | 10 | 1                     | DetailPen |

|        |    |   |              |
|--------|----|---|--------------|
| \$000b | 11 | 1 | BlockPen     |
| \$000c | 12 | 2 | ViewModes    |
| \$000e | 14 | 2 | Type         |
| \$0010 | 16 | 4 | Font         |
| \$0014 | 20 | 4 | DefaultTitle |
| \$0018 | 24 | 4 | Gadgets      |
| \$001c | 28 | 4 | CustomBitMap |
| \$0020 | 32 | 4 | Extension    |

### 1.131 ExtNewWindow

ExtNewWindow:

|        |    |                       |
|--------|----|-----------------------|
| \$0034 | 52 | sizeof (ExtNewWindow) |
| \$0000 | 0  | 2 LeftEdge            |
| \$0002 | 2  | 2 TopEdge             |
| \$0004 | 4  | 2 Width               |
| \$0006 | 6  | 2 Height              |
| \$0008 | 8  | 1 DetailPen           |
| \$0009 | 9  | 1 BlockPen            |
| \$000a | 10 | 4 IDCMPFlags          |
| \$000e | 14 | 4 Flags               |
| \$0012 | 18 | 4 FirstGadget         |
| \$0016 | 22 | 4 CheckMark           |
| \$001a | 26 | 4 Title               |
| \$001e | 30 | 4 Screen              |
| \$0022 | 34 | 4 BitMap              |
| \$0026 | 38 | 2 MinWidth            |
| \$0028 | 40 | 2 MinHeight           |
| \$002a | 42 | 2 MaxWidth            |
| \$002c | 44 | 2 MaxHeight           |
| \$002e | 46 | 2 Type                |
| \$0030 | 48 | 4 Extension           |

### 1.132 ExtSprite

ExtSprite:

|        |    |                    |
|--------|----|--------------------|
| \$0010 | 16 | sizeof (ExtSprite) |
| \$0000 | 0  | 12 es_SimpleSprite |
| \$000c | 12 | 2 es_wordwidth     |
| \$000e | 14 | 2 es_flags         |

### 1.133 ExtendedNode

ExtendedNode:

|        |    |                       |
|--------|----|-----------------------|
| \$0018 | 24 | sizeof (ExtendedNode) |
| \$0000 | 0  | 4 xln_Succ            |
| \$0004 | 4  | 4 xln_Pred            |
| \$0008 | 8  | 1 xln_Type            |
| \$0009 | 9  | 1 xln_Pri             |
| \$000a | 10 | 4 xln_Name            |

|        |    |   |               |
|--------|----|---|---------------|
| \$000e | 14 | 1 | xln_Subsystem |
| \$000f | 15 | 1 | xln_Subtype   |
| \$0010 | 16 | 4 | xln_Library   |
| \$0014 | 20 | 4 | xln_Init      |

### 1.134 FileHandle

FileHandle:

|        |    |                    |
|--------|----|--------------------|
| \$002c | 44 | sizeof(FileHandle) |
| \$0000 | 0  | 4 fh_Link          |
| \$0004 | 4  | 4 fh_Port          |
| \$0008 | 8  | 4 fh_Type          |
| \$000c | 12 | 4 fh_Buf           |
| \$0010 | 16 | 4 fh_Pos           |
| \$0014 | 20 | 4 fh_End           |
| \$0018 | 24 | 4 fh_Funcs         |
| \$001c | 28 | 4 fh_Func2         |
| \$0020 | 32 | 4 fh_Func3         |
| \$0024 | 36 | 4 fh_Args          |
| \$0028 | 40 | 4 fh_Arg2          |

### 1.135 FileInfoBlock

FileInfoBlock:

|        |     |                       |
|--------|-----|-----------------------|
| \$0104 | 260 | sizeof(FileInfoBlock) |
| \$0000 | 0   | 4 fib_DiskKey         |
| \$0004 | 4   | 4 fib_DirEntryType    |
| \$0008 | 8   | 1 fib_FileName[0]     |
| \$0074 | 116 | 4 fib_Protection      |
| \$0078 | 120 | 4 fib_EntryType       |
| \$007c | 124 | 4 fib_Size            |
| \$0080 | 128 | 4 fib_NumBlocks       |
| \$0084 | 132 | 12 fib_Date           |
| \$0090 | 144 | 1 fib_Comment[0]      |
| \$00e0 | 224 | 2 fib_OwnerUID        |
| \$00e2 | 226 | 2 fib_OwnerGID        |
| \$00e4 | 228 | 1 fib_Reserved[0]     |

### 1.136 FileLock

FileLock:

|        |    |                  |
|--------|----|------------------|
| \$0014 | 20 | sizeof(FileLock) |
| \$0000 | 0  | 4 fl_Link        |
| \$0004 | 4  | 4 fl_Key         |
| \$0008 | 8  | 4 fl_Access      |
| \$000c | 12 | 4 fl_Task        |
| \$0010 | 16 | 4 fl_Volume      |

### 1.137 FileRequester

```
FileRequester:
$0038    56  sizeof(FileRequester)
$0000     0   1  fr_Reserved0[0]
$0004     4   4  fr_File
$0008     8   4  fr_Drawer
$000c    12   1  fr_Reserved1[0]
$0016    22   2  fr_LeftEdge
$0018    24   2  fr_TopEdge
$001a    26   2  fr_Width
$001c    28   2  fr_Height
$001e    30   1  fr_Reserved2[0]
$0020    32   4  fr_NumArgs
$0024    36   4  fr_ArgList
$0028    40   4  fr_UserData
$002c    44   1  fr_Reserved3[0]
$0034    52   4  fr_Pattern
```

### 1.138 FileSysEntry

```
FileSysEntry:
$003e    62  sizeof(FileSysEntry)
$0000     0  14  fse_Node
$000e    14   4  fse_DosType
$0012    18   4  fse_Version
$0016    22   4  fse_PatchFlags
$001a    26   4  fse_Type
$001e    30   4  fse_Task
$0022    34   4  fse_Lock
$0026    38   4  fse_Handler
$002a    42   4  fse_StackSize
$002e    46   4  fse_Priority
$0032    50   4  fse_Startup
$0036    54   4  fse_SegList
$003a    58   4  fse_GlobalVec
```

### 1.139 FileSysHeaderBlock

```
FileSysHeaderBlock:
$0100    256  sizeof(FileSysHeaderBlock)
$0000     0   4  fhb_ID
$0004     4   4  fhb_SummedLongs
$0008     8   4  fhb_ChkSum
$000c    12   4  fhb_HostID
$0010    16   4  fhb_Next
$0014    20   4  fhb_Flags
$0018    24   4  fhb_Reserved1[0]
$0020    32   4  fhb_DosType
$0024    36   4  fhb_Version
$0028    40   4  fhb_PatchFlags
$002c    44   4  fhb_Type
```

|        |     |   |                   |
|--------|-----|---|-------------------|
| \$0030 | 48  | 4 | fhb_Task          |
| \$0034 | 52  | 4 | fhb_Lock          |
| \$0038 | 56  | 4 | fhb_Handler       |
| \$003c | 60  | 4 | fhb_StackSize     |
| \$0040 | 64  | 4 | fhb_Priority      |
| \$0044 | 68  | 4 | fhb_Startup       |
| \$0048 | 72  | 4 | fhb_SegListBlocks |
| \$004c | 76  | 4 | fhb_GlobalVec     |
| \$0050 | 80  | 4 | fhb_Reserved2[0]  |
| \$00ac | 172 | 4 | fhb_Reserved3[0]  |

## 1.140 FileSysResource

FileSysResource:

|        |    |                          |
|--------|----|--------------------------|
| \$0020 | 32 | sizeof (FileSysResource) |
| \$0000 | 0  | 14 fsr_Node              |
| \$000e | 14 | 4 fsr_Creator            |
| \$0012 | 18 | 14 fsr_FileSysEntries    |

## 1.141 FileSysStartupMsg

FileSysStartupMsg:

|        |    |                            |
|--------|----|----------------------------|
| \$0010 | 16 | sizeof (FileSysStartupMsg) |
| \$0000 | 0  | 4 fssm_Unit                |
| \$0004 | 4  | 4 fssm_Device              |
| \$0008 | 8  | 4 fssm_Environ             |
| \$000c | 12 | 4 fssm_Flags               |

## 1.142 FontContents

FontContents:

|        |     |                       |
|--------|-----|-----------------------|
| \$0104 | 260 | sizeof (FontContents) |
| \$0000 | 0   | 1 fc_FileName[0]      |
| \$0100 | 256 | 2 fc_YSize            |
| \$0102 | 258 | 1 fc_Style            |
| \$0103 | 259 | 1 fc_Flags            |

## 1.143 FontContentsHeader

FontContentsHeader:

|        |   |                             |
|--------|---|-----------------------------|
| \$0004 | 4 | sizeof (FontContentsHeader) |
| \$0000 | 0 | 2 fch_FileID                |
| \$0002 | 2 | 2 fch_NumEntries            |

---

## 1.144 FontPrefs

FontPrefs:

|        |     |                   |
|--------|-----|-------------------|
| \$009c | 156 | sizeof(FontPrefs) |
| \$0000 | 0   | 4 fp_Reserved[0]  |
| \$000c | 12  | 2 fp_Reserved2    |
| \$000e | 14  | 2 fp_Type         |
| \$0010 | 16  | 1 fp_FrontPen     |
| \$0011 | 17  | 1 fp_BackPen      |
| \$0012 | 18  | 1 fp_DrawMode     |
| \$0014 | 20  | 8 fp_TextAttr     |
| \$001c | 28  | 1 fp_Name[0]      |

## 1.145 FontRequester

FontRequester:

|        |    |                       |
|--------|----|-----------------------|
| \$002c | 44 | sizeof(FontRequester) |
| \$0000 | 0  | 1 fo_Reserved0[0]     |
| \$0008 | 8  | 8 fo_Attr             |
| \$0010 | 16 | 1 fo_FrontPen         |
| \$0011 | 17 | 1 fo_BackPen          |
| \$0012 | 18 | 1 fo_DrawMode         |
| \$0013 | 19 | 1 fo_Reserved1        |
| \$0014 | 20 | 4 fo_UserData         |
| \$0018 | 24 | 2 fo_LeftEdge         |
| \$001a | 26 | 2 fo_TopEdge          |
| \$001c | 28 | 2 fo_Width            |
| \$001e | 30 | 2 fo_Height           |
| \$0020 | 32 | 12 fo_TAttr           |

## 1.146 FrameInfo

FrameInfo:

|        |    |                         |
|--------|----|-------------------------|
| \$0024 | 36 | sizeof(FrameInfo)       |
| \$0000 | 0  | 4 fri_PropertyFlags     |
| \$0004 | 4  | 4 fri_Resolution        |
| \$0008 | 8  | 1 fri_RedBits           |
| \$0009 | 9  | 1 fri_GreenBits         |
| \$000a | 10 | 1 fri_BlueBits          |
| \$000c | 12 | 12 fri_Dimensions       |
| \$000c | 12 | 4 fri_Dimensions.Width  |
| \$0010 | 16 | 4 fri_Dimensions.Height |
| \$0014 | 20 | 4 fri_Dimensions.Depth  |
| \$0018 | 24 | 4 fri_Screen            |
| \$001c | 28 | 4 fri_ColorMap          |
| \$0020 | 32 | 4 fri_Flags             |

## 1.147 FreeList

FreeList:

|        |    |                  |
|--------|----|------------------|
| \$0010 | 16 | sizeof(FreeList) |
| \$0000 | 0  | 2 fl_NumFree     |
| \$0002 | 2  | 14 fl_MemList    |

## 1.148 Gadget

Gadget:

|        |    |                 |
|--------|----|-----------------|
| \$002c | 44 | sizeof(Gadget)  |
| \$0000 | 0  | 4 NextGadget    |
| \$0004 | 4  | 2 LeftEdge      |
| \$0006 | 6  | 2 TopEdge       |
| \$0008 | 8  | 2 Width         |
| \$000a | 10 | 2 Height        |
| \$000c | 12 | 2 Flags         |
| \$000e | 14 | 2 Activation    |
| \$0010 | 16 | 2 GadgetType    |
| \$0012 | 18 | 4 GadgetRender  |
| \$0016 | 22 | 4 SelectRender  |
| \$001a | 26 | 4 GadgetText    |
| \$001e | 30 | 4 MutualExclude |
| \$0022 | 34 | 4 SpecialInfo   |
| \$0026 | 38 | 2 GadgetID      |
| \$0028 | 40 | 4 UserData      |

## 1.149 GadgetInfo

GadgetInfo:

|        |    |                     |
|--------|----|---------------------|
| \$003a | 58 | sizeof(GadgetInfo)  |
| \$0000 | 0  | 4 gi_Screen         |
| \$0004 | 4  | 4 gi_Window         |
| \$0008 | 8  | 4 gi_Requester      |
| \$000c | 12 | 4 gi_RastPort       |
| \$0010 | 16 | 4 gi_Layer          |
| \$0014 | 20 | 8 gi_Domain         |
| \$001c | 28 | 2 gi_Pens           |
| \$001c | 28 | 1 gi_Pens.DetailPen |
| \$001d | 29 | 1 gi_Pens.BlockPen  |
| \$001e | 30 | 4 gi_DrInfo         |
| \$0022 | 34 | 4 gi_Reserved[0]    |

## 1.150 GamePortTrigger

GamePortTrigger:

|        |   |                         |
|--------|---|-------------------------|
| \$0008 | 8 | sizeof(GamePortTrigger) |
| \$0000 | 0 | 2 gpt_Keys              |
| \$0002 | 2 | 2 gpt_Timeout           |
| \$0004 | 4 | 2 gpt_XDelta            |
| \$0006 | 6 | 2 gpt_YDelta            |

## 1.151 GelsInfo

GelsInfo:

|        |    |                  |
|--------|----|------------------|
| \$0026 | 38 | sizeof(GelsInfo) |
| \$0000 | 0  | 1 sprRsrvd       |
| \$0001 | 1  | 1 Flags          |
| \$0002 | 2  | 4 gelHead        |
| \$0006 | 6  | 4 gelTail        |
| \$000a | 10 | 4 nextLine       |
| \$000e | 14 | 4 lastColor      |
| \$0012 | 18 | 4 collHandler    |
| \$0016 | 22 | 2 leftmost       |
| \$0018 | 24 | 2 rightmost      |
| \$001a | 26 | 2 topmost        |
| \$001c | 28 | 2 bottommost     |
| \$001e | 30 | 4 firstBlissObj  |
| \$0022 | 34 | 4 lastBlissObj   |

## 1.152 GfxBase

GfxBase:

|        |     |                  |
|--------|-----|------------------|
| \$0220 | 544 | sizeof(GfxBase)  |
| \$0000 | 0   | 34 LibNode       |
| \$0022 | 34  | 4 ActiView       |
| \$0026 | 38  | 4 copinit        |
| \$002a | 42  | 4 cia            |
| \$002e | 46  | 4 blitter        |
| \$0032 | 50  | 4 LOFlst         |
| \$0036 | 54  | 4 SHFlst         |
| \$003a | 58  | 4 blthd          |
| \$003e | 62  | 4 blttl          |
| \$0042 | 66  | 4 bsblthd        |
| \$0046 | 70  | 4 bsblttl        |
| \$004a | 74  | 22 vbsrv         |
| \$0060 | 96  | 22 timsrv        |
| \$0076 | 118 | 22 bltsrv        |
| \$008c | 140 | 14 TextFonts     |
| \$009a | 154 | 4 DefaultFont    |
| \$009e | 158 | 2 Modes          |
| \$00a0 | 160 | 1 VBlank         |
| \$00a1 | 161 | 1 Debug          |
| \$00a2 | 162 | 2 BeamSync       |
| \$00a4 | 164 | 2 system_bplcon0 |
| \$00a6 | 166 | 1 SpriteReserved |
| \$00a7 | 167 | 1 bytereserved   |
| \$00a8 | 168 | 2 Flags          |
| \$00aa | 170 | 2 BlitLock       |
| \$00ac | 172 | 2 BlitNest       |
| \$00ae | 174 | 14 BlitWaitQ     |
| \$00bc | 188 | 4 BlitOwner      |
| \$00c0 | 192 | 14 TOF_WaitQ     |
| \$00ce | 206 | 2 DisplayFlags   |
| \$00d0 | 208 | 4 SimpleSprites  |
| \$00d4 | 212 | 2 MaxDisplayRow  |



---

|        |     |    |                      |
|--------|-----|----|----------------------|
| \$00d6 | 214 | 2  | MaxDisplayColumn     |
| \$00d8 | 216 | 2  | NormalDisplayRows    |
| \$00da | 218 | 2  | NormalDisplayColumns |
| \$00dc | 220 | 2  | NormalDPMX           |
| \$00de | 222 | 2  | NormalDPMY           |
| \$00e0 | 224 | 4  | LastChanceMemory     |
| \$00e4 | 228 | 4  | LCMptr               |
| \$00e8 | 232 | 2  | MicrosPerLine        |
| \$00ea | 234 | 2  | MinDisplayColumn     |
| \$00ec | 236 | 1  | ChipRevBits0         |
| \$00ed | 237 | 1  | MemType              |
| \$00ee | 238 | 1  | crb_reserved[0]      |
| \$00f2 | 242 | 2  | monitor_id           |
| \$00f4 | 244 | 4  | hedley[0]            |
| \$0114 | 276 | 4  | hedley_sprites[0]    |
| \$0134 | 308 | 4  | hedley_sprites1[0]   |
| \$0154 | 340 | 2  | hedley_count         |
| \$0156 | 342 | 2  | hedley_flags         |
| \$0158 | 344 | 2  | hedley_tmp           |
| \$015a | 346 | 4  | hash_table           |
| \$015e | 350 | 2  | current_tot_rows     |
| \$0160 | 352 | 2  | current_tot_cclks    |
| \$0162 | 354 | 1  | hedley_hint          |
| \$0163 | 355 | 1  | hedley_hint2         |
| \$0164 | 356 | 4  | nreserved[0]         |
| \$0174 | 372 | 4  | a2024_sync_raster    |
| \$0178 | 376 | 2  | control_delta_pal    |
| \$017a | 378 | 2  | control_delta_ntsc   |
| \$017c | 380 | 4  | current_monitor      |
| \$0180 | 384 | 14 | MonitorList          |
| \$018e | 398 | 4  | default_monitor      |
| \$0192 | 402 | 4  | MonitorListSemaphore |
| \$0196 | 406 | 4  | DisplayInfoDataBase  |
| \$019a | 410 | 2  | TopLine              |
| \$019c | 412 | 4  | ActiViewCprSemaphore |
| \$01a0 | 416 | 4  | UtilBase             |
| \$01a4 | 420 | 4  | ExecBase             |
| \$01a8 | 424 | 4  | bwshifts             |
| \$01ac | 428 | 4  | StrtFetchMasks       |
| \$01b0 | 432 | 4  | StopFetchMasks       |
| \$01b4 | 436 | 4  | Overrun              |
| \$01b8 | 440 | 4  | RealStops            |
| \$01bc | 444 | 2  | SpriteWidth          |
| \$01be | 446 | 2  | SpriteFMode          |
| \$01c0 | 448 | 1  | SoftSprites          |
| \$01c1 | 449 | 1  | arraywidth           |
| \$01c2 | 450 | 2  | DefaultSpriteWidth   |
| \$01c4 | 452 | 1  | SprMoveDisable       |
| \$01c5 | 453 | 1  | WantChips            |
| \$01c6 | 454 | 1  | BoardMemType         |
| \$01c7 | 455 | 1  | Bugs                 |
| \$01c8 | 456 | 4  | gb_LayersBase        |
| \$01cc | 460 | 4  | ColorMask            |
| \$01d0 | 464 | 4  | IVector              |
| \$01d4 | 468 | 4  | IData                |
| \$01d8 | 472 | 4  | SpecialCounter       |
| \$01dc | 476 | 4  | DBList               |

---

|        |     |   |                    |
|--------|-----|---|--------------------|
| \$01e0 | 480 | 2 | MonitorFlags       |
| \$01e2 | 482 | 1 | ScanDoubledSprites |
| \$01e3 | 483 | 1 | BP3Bits            |
| \$01e4 | 484 | 4 | MonitorVBlank      |
| \$01e8 | 488 | 4 | natural_monitor    |
| \$01ec | 492 | 4 | ProgData           |
| \$01f0 | 496 | 1 | ExtSprites         |
| \$01f1 | 497 | 1 | pad3               |
| \$01f2 | 498 | 2 | GfxFlags           |
| \$01f4 | 500 | 4 | VBCounter          |
| \$01f8 | 504 | 4 | HashTableSemaphore |
| \$01fc | 508 | 4 | HWEmul[0]          |

### 1.153 GlyphEngine

GlyphEngine:

|        |   |                     |
|--------|---|---------------------|
| \$0008 | 8 | sizeof(GlyphEngine) |
| \$0000 | 0 | 4 gle_Library       |
| \$0004 | 4 | 4 gle_Name          |

### 1.154 GlyphMap

GlyphMap:

|        |    |                   |
|--------|----|-------------------|
| \$0024 | 36 | sizeof(GlyphMap)  |
| \$0000 | 0  | 2 glm_BMModulo    |
| \$0002 | 2  | 2 glm_BMRows      |
| \$0004 | 4  | 2 glm_BlackLeft   |
| \$0006 | 6  | 2 glm_BlackTop    |
| \$0008 | 8  | 2 glm_BlackWidth  |
| \$000a | 10 | 2 glm_BlackHeight |
| \$000c | 12 | 4 glm_XOrigin     |
| \$0010 | 16 | 4 glm_YOrigin     |
| \$0014 | 20 | 2 glm_X0          |
| \$0016 | 22 | 2 glm_Y0          |
| \$0018 | 24 | 2 glm_X1          |
| \$001a | 26 | 2 glm_Y1          |
| \$001c | 28 | 4 glm_Width       |
| \$0020 | 32 | 4 glm_BitMap      |

### 1.155 GlyphWidthEntry

GlyphWidthEntry:

|        |    |                         |
|--------|----|-------------------------|
| \$000e | 14 | sizeof(GlyphWidthEntry) |
| \$0000 | 0  | 8 gwe_Node              |
| \$0008 | 8  | 2 gwe_Code              |
| \$000a | 10 | 4 gwe_Width             |

## 1.156 Hook

Hook:

|        |    |              |
|--------|----|--------------|
| \$0014 | 20 | sizeof(Hook) |
| \$0000 | 0  | 8 h_MinNode  |
| \$0008 | 8  | 4 h_Entry    |
| \$000c | 12 | 4 h_SubEntry |
| \$0010 | 16 | 4 h_Data     |

## 1.157 IBox

IBox:

|        |   |              |
|--------|---|--------------|
| \$0008 | 8 | sizeof(IBox) |
| \$0000 | 0 | 2 Left       |
| \$0002 | 2 | 2 Top        |
| \$0004 | 4 | 2 Width      |
| \$0006 | 6 | 2 Height     |

## 1.158 IControlPrefs

IControlPrefs:

|        |    |                       |
|--------|----|-----------------------|
| \$001c | 28 | sizeof(IControlPrefs) |
| \$0000 | 0  | 4 ic_Reserved[0]      |
| \$0010 | 16 | 2 ic_TimeOut          |
| \$0012 | 18 | 2 ic_MetaDrag         |
| \$0014 | 20 | 4 ic_Flags            |
| \$0018 | 24 | 1 ic_WBtoFront        |
| \$0019 | 25 | 1 ic_FrontToBack      |
| \$001a | 26 | 1 ic_ReqTrue          |
| \$001b | 27 | 1 ic_ReqFalse         |

## 1.159 IENewTablet

IENewTablet:

|        |    |                        |
|--------|----|------------------------|
| \$0020 | 32 | sizeof(IENewTablet)    |
| \$0000 | 0  | 4 ient_CallBack        |
| \$0004 | 4  | 2 ient_ScaledX         |
| \$0006 | 6  | 2 ient_ScaledY         |
| \$0008 | 8  | 2 ient_ScaledXFraction |
| \$000a | 10 | 2 ient_ScaledYFraction |
| \$000c | 12 | 4 ient_TabletX         |
| \$0010 | 16 | 4 ient_TabletY         |
| \$0014 | 20 | 4 ient_RangeX          |
| \$0018 | 24 | 4 ient_RangeY          |
| \$001c | 28 | 4 ient_TagList         |

## 1.160 IEPointerPixel

```
IEPointerPixel:  
$0008      8  sizeof(IEPointerPixel)  
$0000      0   4  iepp_Screen  
$0004      4   4  iepp_Position  
$0004      4   2  iepp_Position.X  
$0006      6   2  iepp_Position.Y
```

## 1.161 IEPointerTablet

```
IEPointerTablet:  
$000a     10  sizeof(IEPointerTablet)  
$0000      0   4  iept_Range  
$0000      0   2  iept_Range.X  
$0002      2   2  iept_Range.Y  
$0004      4   4  iept_Value  
$0004      4   2  iept_Value.X  
$0006      6   2  iept_Value.Y  
$0008      8   2  iept_Pressure
```

## 1.162 IFFHandle

```
IFFHandle:  
$000c     12  sizeof(IFFHandle)  
$0000      0   4  iff_Stream  
$0004      4   4  iff_Flags  
$0008      8   4  iff_Depth
```

## 1.163 IFFStreamCmd

```
IFFStreamCmd:  
$000c     12  sizeof(IFFStreamCmd)  
$0000      0   4  sc_Command  
$0004      4   4  sc_Buf  
$0008      8   4  sc_NBytes
```

## 1.164 IOAudio

```
IOAudio:  
$0044     68  sizeof(IOAudio)  
$0000      0  32  ioa_Request  
$0020     32   2  ioa_AllocKey  
$0022     34   4  ioa_Data  
$0026     38   4  ioa_Length  
$002a     42   2  ioa_Period  
$002c     44   2  ioa_Volume
```

|        |    |    |              |
|--------|----|----|--------------|
| \$002e | 46 | 2  | ioa_Cycles   |
| \$0030 | 48 | 20 | ioa_WriteMsg |

## 1.165 IOClipReq

IOClipReq:

|        |    |                   |            |
|--------|----|-------------------|------------|
| \$0034 | 52 | sizeof(IOClipReq) |            |
| \$0000 | 0  | 20                | io_Message |
| \$0014 | 20 | 4                 | io_Device  |
| \$0018 | 24 | 4                 | io_Unit    |
| \$001c | 28 | 2                 | io_Command |
| \$001e | 30 | 1                 | io_Flags   |
| \$001f | 31 | 1                 | io_Error   |
| \$0020 | 32 | 4                 | io_Actual  |
| \$0024 | 36 | 4                 | io_Length  |
| \$0028 | 40 | 4                 | io_Data    |
| \$002c | 44 | 4                 | io_Offset  |
| \$0030 | 48 | 4                 | io_ClipID  |

## 1.166 IORPReq

IORPReq:

|        |    |                 |              |
|--------|----|-----------------|--------------|
| \$003e | 62 | sizeof(IORPReq) |              |
| \$0000 | 0  | 20              | io_Message   |
| \$0014 | 20 | 4               | io_Device    |
| \$0018 | 24 | 4               | io_Unit      |
| \$001c | 28 | 2               | io_Command   |
| \$001e | 30 | 1               | io_Flags     |
| \$001f | 31 | 1               | io_Error     |
| \$0020 | 32 | 4               | io_RastPort  |
| \$0024 | 36 | 4               | io_ColorMap  |
| \$0028 | 40 | 4               | io_Modes     |
| \$002c | 44 | 2               | io_SrcX      |
| \$002e | 46 | 2               | io_SrcY      |
| \$0030 | 48 | 2               | io_SrcWidth  |
| \$0032 | 50 | 2               | io_SrcHeight |
| \$0034 | 52 | 4               | io_DestCols  |
| \$0038 | 56 | 4               | io_DestRows  |
| \$003c | 60 | 2               | io_Special   |

## 1.167 IOExtPar

IOExtPar:

|        |    |                  |               |
|--------|----|------------------|---------------|
| \$003e | 62 | sizeof(IOExtPar) |               |
| \$0000 | 0  | 48               | IOPar         |
| \$0030 | 48 | 4                | io_PExtFlags  |
| \$0034 | 52 | 1                | io_Status     |
| \$0035 | 53 | 1                | io_ParFlags   |
| \$0036 | 54 | 8                | io_PTermArray |

## 1.168 IOExtSer

```
IOExtSer:
  $0052    82  sizeof(IOExtSer)
  $0000     0   48  IOSer
  $0030    48   4  io_CtlChar
  $0034    52   4  io_RBufLen
  $0038    56   4  io_ExtFlags
  $003c    60   4  io_Baud
  $0040    64   4  io_BrkTime
  $0044    68   8  io_TermArray
  $004c    76   1  io_ReadLen
  $004d    77   1  io_WriteLen
  $004e    78   1  io_StopBits
  $004f    79   1  io_SerFlags
  $0050    80   2  io_Status
```

## 1.169 IOExtTD

```
IOExtTD:
  $0038    56  sizeof(IOExtTD)
  $0000     0   48  iotd_Req
  $0030    48   4  iotd_Count
  $0034    52   4  iotd_SecLabel
```

## 1.170 IOPArray

```
IOPArray:
  $0008     8  sizeof(IOPArray)
  $0000     0   4  PTermArray0
  $0004     4   4  PTermArray1
```

## 1.171 IOPrtCmdReq

```
IOPrtCmdReq:
  $0026    38  sizeof(IOPrtCmdReq)
  $0000     0   20  io_Message
  $0014    20   4  io_Device
  $0018    24   4  io_Unit
  $001c    28   2  io_Command
  $001e    30   1  io_Flags
  $001f    31   1  io_Error
  $0020    32   2  io_PrtCommand
  $0022    34   1  io_Parm0
  $0023    35   1  io_Parm1
  $0024    36   1  io_Parm2
  $0025    37   1  io_Parm3
```

## 1.172 IORequest

```
IORequest:
  $0020    32  sizeof(IORequest)
  $0000     0    20  io_Message
  $0014    20     4  io_Device
  $0018    24     4  io_Unit
  $001c    28     2  io_Command
  $001e    30     1  io_Flags
  $001f    31     1  io_Error
```

## 1.173 IOStdReq

```
IOStdReq:
  $0030    48  sizeof(IOStdReq)
  $0000     0    20  io_Message
  $0014    20     4  io_Device
  $0018    24     4  io_Unit
  $001c    28     2  io_Command
  $001e    30     1  io_Flags
  $001f    31     1  io_Error
  $0020    32     4  io_Actual
  $0024    36     4  io_Length
  $0028    40     4  io_Data
  $002c    44     4  io_Offset
```

## 1.174 IOTArray

```
IOTArray:
  $0008     8  sizeof(IOTArray)
  $0000     0     4  TermArray0
  $0004     4     4  TermArray1
```

## 1.175 Image

```
Image:
  $0014    20  sizeof(Image)
  $0000     0     2  LeftEdge
  $0002     2     2  TopEdge
  $0004     4     2  Width
  $0006     6     2  Height
  $0008     8     2  Depth
  $000a    10     4  ImageData
  $000e    14     1  PlanePick
  $000f    15     1  PlaneOnOff
  $0010    16     4  NextImage
```

## 1.176 InfoData

InfoData:

|        |    |                    |
|--------|----|--------------------|
| \$0024 | 36 | sizeof(InfoData)   |
| \$0000 | 0  | 4 id_NumSoftErrors |
| \$0004 | 4  | 4 id_UnitNumber    |
| \$0008 | 8  | 4 id_DiskState     |
| \$000c | 12 | 4 id_NumBlocks     |
| \$0010 | 16 | 4 id_NumBlocksUsed |
| \$0014 | 20 | 4 id_BytesPerBlock |
| \$0018 | 24 | 4 id_DiskType      |
| \$001c | 28 | 4 id_VolumeNode    |
| \$0020 | 32 | 4 id_InUse         |

## 1.177 InputEvent

InputEvent:

|        |    |                                        |
|--------|----|----------------------------------------|
| \$0016 | 22 | sizeof(InputEvent)                     |
| \$0000 | 0  | 4 ie_NextEvent                         |
| \$0004 | 4  | 1 ie_Class                             |
| \$0005 | 5  | 1 ie_SubClass                          |
| \$0006 | 6  | 2 ie_Code                              |
| \$0008 | 8  | 2 ie_Qualifier                         |
| \$000a | 10 | 4 ie_position                          |
| \$000a | 10 | 4 ie_position.ie_xy                    |
| \$000a | 10 | 2 ie_position.ie_xy.ie_x               |
| \$000c | 12 | 2 ie_position.ie_xy.ie_y               |
| \$000a | 10 | 4 ie_position.ie_addr                  |
| \$000a | 10 | 4 ie_position.ie_dead                  |
| \$000a | 10 | 1 ie_position.ie_dead.ie_prev1DownCode |
| \$000b | 11 | 1 ie_position.ie_dead.ie_prev1DownQual |
| \$000c | 12 | 1 ie_position.ie_dead.ie_prev2DownCode |
| \$000d | 13 | 1 ie_position.ie_dead.ie_prev2DownQual |
| \$000e | 14 | 8 ie_TimeStamp                         |

## 1.178 InputPrefs

InputPrefs:

|        |    |                    |
|--------|----|--------------------|
| \$002c | 44 | sizeof(InputPrefs) |
| \$0000 | 0  | 1 ip_Keymap[0]     |
| \$0010 | 16 | 2 ip_PointerTicks  |
| \$0012 | 18 | 8 ip_DoubleClick   |
| \$001a | 26 | 8 ip_KeyRptDelay   |
| \$0022 | 34 | 8 ip_KeyRptSpeed   |
| \$002a | 42 | 2 ip_MouseAccel    |

## 1.179 InputXpression



InputXpression:

|        |    |                         |
|--------|----|-------------------------|
| \$000c | 12 | sizeof (InputXpression) |
| \$0000 | 0  | 1 ix_Version            |
| \$0001 | 1  | 1 ix_Class              |
| \$0002 | 2  | 2 ix_Code               |
| \$0004 | 4  | 2 ix_CodeMask           |
| \$0006 | 6  | 2 ix_Qualifier          |
| \$0008 | 8  | 2 ix_QualMask           |
| \$000a | 10 | 2 ix_QualSame           |

## 1.180 IntVector

IntVector:

|        |    |                    |
|--------|----|--------------------|
| \$000c | 12 | sizeof (IntVector) |
| \$0000 | 0  | 4 iv_Data          |
| \$0004 | 4  | 4 iv_Code          |
| \$0008 | 8  | 4 iv_Node          |

## 1.181 Interrupt

Interrupt:

|        |    |                    |
|--------|----|--------------------|
| \$0016 | 22 | sizeof (Interrupt) |
| \$0000 | 0  | 14 is_Node         |
| \$000e | 14 | 4 is_Data          |
| \$0012 | 18 | 4 is_Code          |

## 1.182 IntuiMessage

IntuiMessage:

|        |    |                       |
|--------|----|-----------------------|
| \$0034 | 52 | sizeof (IntuiMessage) |
| \$0000 | 0  | 20 ExecMessage        |
| \$0014 | 20 | 4 Class               |
| \$0018 | 24 | 2 Code                |
| \$001a | 26 | 2 Qualifier           |
| \$001c | 28 | 4 IAddress            |
| \$0020 | 32 | 2 MouseX              |
| \$0022 | 34 | 2 MouseY              |
| \$0024 | 36 | 4 Seconds             |
| \$0028 | 40 | 4 Micros              |
| \$002c | 44 | 4 IDCMPWindow         |
| \$0030 | 48 | 4 SpecialLink         |

## 1.183 IntuiText

```

IntuiText:
  $0014    20  sizeof(IntuiText)
  $0000     0    1  FrontPen
  $0001     1    1  BackPen
  $0002     2    1  DrawMode
  $0004     4    2  LeftEdge
  $0006     6    2  TopEdge
  $0008     8    4  ITextFont
  $000c    12    4  IText
  $0010    16    4  NextText

```

## 1.184 IntuitionBase

```

IntuitionBase:
  $0050    80  sizeof(IntuitionBase)
  $0000     0   34  LibNode
  $0022    34   18  ViewLord
  $0034    52    4  ActiveWindow
  $0038    56    4  ActiveScreen
  $003c    60    4  FirstScreen
  $0040    64    4  Flags
  $0044    68    2  MouseY
  $0046    70    2  MouseX
  $0048    72    4  Seconds
  $004c    76    4  Micros

```

## 1.185 IoBuff

```

IoBuff:
  $0100   256  sizeof(IoBuff)
  $0000     0   32  iobNode
  $0020    32    4  iobRpt
  $0024    36    4  iobRct
  $0028    40    4  iobDFH
  $002c    44    4  iobLock
  $0030    48    4  iobBct
  $0034    52    1  iobArea[0]

```

## 1.186 Isrvstr

```

Isrvstr:
  $001e    30  sizeof(Isrvstr)
  $0000     0   14  is_Node
  $000e    14    4  Iptr
  $0012    18    4  code
  $0016    22    4  ccode
  $001a    26    4  Carg

```

## 1.187 KeyMap

```
KeyMap:
  $0020    32  sizeof(KeyMap)
  $0000     0    4  km_LoKeyMapTypes
  $0004     4    4  km_LoKeyMap
  $0008     8    4  km_LoCapsable
  $000c    12    4  km_LoRepeatable
  $0010    16    4  km_HiKeyMapTypes
  $0014    20    4  km_HiKeyMap
  $0018    24    4  km_HiCapsable
  $001c    28    4  km_HiRepeatable
```

## 1.188 KeyMapNode

```
KeyMapNode:
  $002e    46  sizeof(KeyMapNode)
  $0000     0   14  kn_Node
  $000e    14   32  kn_KeyMap
```

## 1.189 KeyMapResource

```
KeyMapResource:
  $001c    28  sizeof(KeyMapResource)
  $0000     0   14  kr_Node
  $000e    14   14  kr_List
```

## 1.190 KeyQuery

```
KeyQuery:
  $0004     4  sizeof(KeyQuery)
  $0000     0    2  kq_KeyCode
  $0002     2    2  kq_Pressed
```

## 1.191 LVDrawMsg

```
LVDrawMsg:
  $0018    24  sizeof(LVDrawMsg)
  $0000     0    4  lvdm_MethodID
  $0004     4    4  lvdm_RastPort
  $0008     8    4  lvdm_DrawInfo
  $000c    12    8  lvdm_Bounds
  $0014    20    4  lvdm_State
```

## 1.192 Layer

|        |     |               |                    |
|--------|-----|---------------|--------------------|
| Layer: |     |               |                    |
| \$00a0 | 160 | sizeof(Layer) |                    |
| \$0000 | 0   | 4             | front              |
| \$0004 | 4   | 4             | back               |
| \$0008 | 8   | 4             | ClipRect           |
| \$000c | 12  | 4             | rp                 |
| \$0010 | 16  | 8             | bounds             |
| \$0018 | 24  | 1             | reserved[0]        |
| \$001c | 28  | 2             | priority           |
| \$001e | 30  | 2             | Flags              |
| \$0020 | 32  | 4             | SuperBitMap        |
| \$0024 | 36  | 4             | SuperClipRect      |
| \$0028 | 40  | 4             | Window             |
| \$002c | 44  | 2             | Scroll_X           |
| \$002e | 46  | 2             | Scroll_Y           |
| \$0030 | 48  | 4             | cr                 |
| \$0034 | 52  | 4             | cr2                |
| \$0038 | 56  | 4             | crnew              |
| \$003c | 60  | 4             | SuperSaveClipRects |
| \$0040 | 64  | 4             | _cliprects         |
| \$0044 | 68  | 4             | LayerInfo          |
| \$0048 | 72  | 46            | Lock               |
| \$0076 | 118 | 4             | BackFill           |
| \$007a | 122 | 4             | reserved1          |
| \$007e | 126 | 4             | ClipRegion         |
| \$0082 | 130 | 4             | saveClipRects      |
| \$0086 | 134 | 2             | Width              |
| \$0088 | 136 | 2             | Height             |
| \$008a | 138 | 1             | reserved2[0]       |
| \$009c | 156 | 4             | DamageList         |

## 1.193 LayerInfo

|             |     |                    |                 |
|-------------|-----|--------------------|-----------------|
| Layer_Info: |     |                    |                 |
| \$0066      | 102 | sizeof(Layer_Info) |                 |
| \$0000      | 0   | 4                  | top_layer       |
| \$0004      | 4   | 4                  | check_lp        |
| \$0008      | 8   | 4                  | obs             |
| \$000c      | 12  | 4                  | FreeClipRects   |
| \$0010      | 16  | 4                  | PrivateReserve1 |
| \$0014      | 20  | 4                  | PrivateReserve2 |
| \$0018      | 24  | 46                 | Lock            |
| \$0046      | 70  | 12                 | gs_Head         |
| \$0052      | 82  | 2                  | PrivateReserve3 |
| \$0054      | 84  | 4                  | PrivateReserve4 |
| \$0058      | 88  | 2                  | Flags           |
| \$005a      | 90  | 1                  | fatten_count    |
| \$005b      | 91  | 1                  | LockLayersCount |
| \$005c      | 92  | 2                  | PrivateReserve5 |
| \$005e      | 94  | 4                  | BlankHook       |
| \$0062      | 98  | 4                  | LayerInfo_extra |

## 1.194 Library

Library:

|        |    |                 |
|--------|----|-----------------|
| \$0022 | 34 | sizeof(Library) |
| \$0000 | 0  | 14 lib_Node     |
| \$000e | 14 | 1 lib_Flags     |
| \$000f | 15 | 1 lib_pad       |
| \$0010 | 16 | 2 lib_NegSize   |
| \$0012 | 18 | 2 lib_PosSize   |
| \$0014 | 20 | 2 lib_Version   |
| \$0016 | 22 | 2 lib_Revision  |
| \$0018 | 24 | 4 lib_IdString  |
| \$001c | 28 | 4 lib_Sum       |
| \$0020 | 32 | 2 lib_OpenCnt   |

## 1.195 Line

Line:

|        |    |              |
|--------|----|--------------|
| \$0024 | 36 | sizeof(Line) |
| \$0000 | 0  | 8 ln_Link    |
| \$0008 | 8  | 4 ln_Text    |
| \$000c | 12 | 4 ln_TextLen |
| \$0010 | 16 | 2 ln_XOffset |
| \$0012 | 18 | 2 ln_YOffset |
| \$0014 | 20 | 2 ln_Width   |
| \$0016 | 22 | 2 ln_Height  |
| \$0018 | 24 | 2 ln_Flags   |
| \$001a | 26 | 1 ln_FgPen   |
| \$001b | 27 | 1 ln_BgPen   |
| \$001c | 28 | 4 ln_Style   |
| \$0020 | 32 | 4 ln_Data    |

## 1.196 List

List:

|        |    |               |
|--------|----|---------------|
| \$000e | 14 | sizeof(List)  |
| \$0000 | 0  | 4 lh_Head     |
| \$0004 | 4  | 4 lh_Tail     |
| \$0008 | 8  | 4 lh_TailPred |
| \$000c | 12 | 1 lh_Type     |
| \$000d | 13 | 1 l_pad       |

## 1.197 LoadSegBlock

LoadSegBlock:

|        |     |                      |
|--------|-----|----------------------|
| \$0200 | 512 | sizeof(LoadSegBlock) |
| \$0000 | 0   | 4 lsb_ID             |
| \$0004 | 4   | 4 lsb_SummedLongs    |
| \$0008 | 8   | 4 lsb_ChkSum         |

|        |    |   |                 |
|--------|----|---|-----------------|
| \$000c | 12 | 4 | lsb_HostID      |
| \$0010 | 16 | 4 | lsb_Next        |
| \$0014 | 20 | 4 | lsb_LoadData[0] |

## 1.198 LocalContextItem

LocalContextItem:

|        |    |                          |           |
|--------|----|--------------------------|-----------|
| \$0014 | 20 | sizeof(LocalContextItem) |           |
| \$0000 | 0  | 8                        | lci_Node  |
| \$0008 | 8  | 4                        | lci_ID    |
| \$000c | 12 | 4                        | lci_Type  |
| \$0010 | 16 | 4                        | lci_Ident |

## 1.199 LocalVar

LocalVar:

|        |    |                  |          |
|--------|----|------------------|----------|
| \$0018 | 24 | sizeof(LocalVar) |          |
| \$0000 | 0  | 14               | lv_Node  |
| \$000e | 14 | 2                | lv_Flags |
| \$0010 | 16 | 4                | lv_Value |
| \$0014 | 20 | 4                | lv_Len   |

## 1.200 Locale

Locale:

|        |     |                |                         |
|--------|-----|----------------|-------------------------|
| \$00a8 | 168 | sizeof(Locale) |                         |
| \$0000 | 0   | 4              | loc_LocaleName          |
| \$0004 | 4   | 4              | loc_LanguageName        |
| \$0008 | 8   | 4              | loc_PrefLanguages[0]    |
| \$0030 | 48  | 4              | loc_Flags               |
| \$0034 | 52  | 4              | loc_CodeSet             |
| \$0038 | 56  | 4              | loc_CountryCode         |
| \$003c | 60  | 4              | loc_TelephoneCode       |
| \$0040 | 64  | 4              | loc_GMTOffset           |
| \$0044 | 68  | 1              | loc_MeasuringSystem     |
| \$0045 | 69  | 1              | loc_CalendarType        |
| \$0046 | 70  | 1              | loc_Reserved0[0]        |
| \$0048 | 72  | 4              | loc_DateTimeFormat      |
| \$004c | 76  | 4              | loc_DateFormat          |
| \$0050 | 80  | 4              | loc_TimeFormat          |
| \$0054 | 84  | 4              | loc_ShortDateTimeFormat |
| \$0058 | 88  | 4              | loc_ShortDateFormat     |
| \$005c | 92  | 4              | loc_ShortTimeFormat     |
| \$0060 | 96  | 4              | loc_DecimalPoint        |
| \$0064 | 100 | 4              | loc_GroupSeparator      |
| \$0068 | 104 | 4              | loc_FracGroupSeparator  |
| \$006c | 108 | 4              | loc_Grouping            |
| \$0070 | 112 | 4              | loc_FracGrouping        |
| \$0074 | 116 | 4              | loc_MonDecimalPoint     |
| \$0078 | 120 | 4              | loc_MonGroupSeparator   |

|        |     |   |                           |
|--------|-----|---|---------------------------|
| \$007c | 124 | 4 | loc_MonFracGroupSeparator |
| \$0080 | 128 | 4 | loc_MonGrouping           |
| \$0084 | 132 | 4 | loc_MonFracGrouping       |
| \$0088 | 136 | 1 | loc_MonFracDigits         |
| \$0089 | 137 | 1 | loc_MonIntFracDigits      |
| \$008a | 138 | 1 | loc_Reserved1[0]          |
| \$008c | 140 | 4 | loc_MonCS                 |
| \$0090 | 144 | 4 | loc_MonSmallCS            |
| \$0094 | 148 | 4 | loc_MonIntCS              |
| \$0098 | 152 | 4 | loc_MonPositiveSign       |
| \$009c | 156 | 1 | loc_MonPositiveSpaceSep   |
| \$009d | 157 | 1 | loc_MonPositiveSignPos    |
| \$009e | 158 | 1 | loc_MonPositiveCSPos      |
| \$009f | 159 | 1 | loc_Reserved2             |
| \$00a0 | 160 | 4 | loc_MonNegativeSign       |
| \$00a4 | 164 | 1 | loc_MonNegativeSpaceSep   |
| \$00a5 | 165 | 1 | loc_MonNegativeSignPos    |
| \$00a6 | 166 | 1 | loc_MonNegativeCSPos      |
| \$00a7 | 167 | 1 | loc_Reserved3             |

## 1.201 LocaleBase

LocaleBase:

|        |    |                    |
|--------|----|--------------------|
| \$0024 | 36 | sizeof(LocaleBase) |
| \$0000 | 0  | 34 lb_LibNode      |
| \$0022 | 34 | 2 lb_SysPatches    |

## 1.202 LocalePrefs

LocalePrefs:

|        |     |                             |
|--------|-----|-----------------------------|
| \$035c | 860 | sizeof(LocalePrefs)         |
| \$0000 | 0   | 4 lp_Reserved[0]            |
| \$0010 | 16  | 1 lp_CountryName[0]         |
| \$0030 | 48  | 30 lp_PREFERREDLanguages[0] |
| \$015c | 348 | 4 lp_GMTOffset              |
| \$0160 | 352 | 4 lp_Flags                  |
| \$0164 | 356 | 504 lp_CountryData          |

## 1.203 MathIEEEBase

MathIEEEBase:

|        |    |                             |
|--------|----|-----------------------------|
| \$003c | 60 | sizeof(MathIEEEBase)        |
| \$0000 | 0  | 34 MathIEEEBase_LibNode     |
| \$0022 | 34 | 1 MathIEEEBase_reserved[0]  |
| \$0034 | 52 | 4 MathIEEEBase_TaskOpenLib  |
| \$0038 | 56 | 4 MathIEEEBase_TaskCloseLib |

## 1.204 MathIEEEResource

MathIEEEResource:

|        |    |                                 |
|--------|----|---------------------------------|
| \$002c | 44 | sizeof (MathIEEEResource)       |
| \$0000 | 0  | 14 MathIEEEResource_Node        |
| \$000e | 14 | 2 MathIEEEResource_Flags        |
| \$0010 | 16 | 4 MathIEEEResource_BaseAddr     |
| \$0014 | 20 | 4 MathIEEEResource_DblBasInit   |
| \$0018 | 24 | 4 MathIEEEResource_DblTransInit |
| \$001c | 28 | 4 MathIEEEResource_SglBasInit   |
| \$0020 | 32 | 4 MathIEEEResource_SglTransInit |
| \$0024 | 36 | 4 MathIEEEResource_ExtBasInit   |
| \$0028 | 40 | 4 MathIEEEResource_ExtTransInit |

## 1.205 MemChunk

MemChunk:

|        |   |                   |
|--------|---|-------------------|
| \$0008 | 8 | sizeof (MemChunk) |
| \$0000 | 0 | 4 mc_Next         |
| \$0004 | 4 | 4 mc_Bytes        |

## 1.206 MemEntry

MemEntry:

|        |   |                   |
|--------|---|-------------------|
| \$0008 | 8 | sizeof (MemEntry) |
| \$0000 | 0 | 4 me_Un           |
| \$0000 | 0 | 4 me_Un.meu_Reqs  |
| \$0000 | 0 | 4 me_Un.meu_Addr  |
| \$0004 | 4 | 4 me_Length       |

## 1.207 MemHandlerData

MemHandlerData:

|        |    |                         |
|--------|----|-------------------------|
| \$000c | 12 | sizeof (MemHandlerData) |
| \$0000 | 0  | 4 memh_RequestSize      |
| \$0004 | 4  | 4 memh_RequestFlags     |
| \$0008 | 8  | 4 memh_Flags            |

## 1.208 MemHeader

MemHeader:

|        |    |                    |
|--------|----|--------------------|
| \$0020 | 32 | sizeof (MemHeader) |
| \$0000 | 0  | 14 mh_Node         |
| \$000e | 14 | 2 mh_Attributes    |
| \$0010 | 16 | 4 mh_First         |
| \$0014 | 20 | 4 mh_Lower         |
| \$0018 | 24 | 4 mh_Upper         |
| \$001c | 28 | 4 mh_Free          |



## 1.209 MemList

```
MemList:
$0018    24    sizeof(MemList)
$0000     0    14    ml_Node
$000e    14     2    ml_NumEntries
$0010    16     8    ml_ME[0]
```

## 1.210 Menu

```
Menu:
$001e    30    sizeof(Menu)
$0000     0     4    NextMenu
$0004     4     2    LeftEdge
$0006     6     2    TopEdge
$0008     8     2    Width
$000a    10     2    Height
$000c    12     2    Flags
$000e    14     4    MenuName
$0012    18     4    FirstItem
$0016    22     2    JazzX
$0018    24     2    JazzY
$001a    26     2    BeatX
$001c    28     2    BeatY
```

## 1.211 MenuItem

```
MenuItem:
$0022    34    sizeof(MenuItem)
$0000     0     4    NextItem
$0004     4     2    LeftEdge
$0006     6     2    TopEdge
$0008     8     2    Width
$000a    10     2    Height
$000c    12     2    Flags
$000e    14     4    MutualExclude
$0012    18     4    ItemFill
$0016    22     4    SelectFill
$001a    26     1    Command
$001c    28     4    SubItem
$0020    32     2    NextSelect
```

## 1.212 Message

```
Message:
$0014    20    sizeof(Message)
$0000     0    14    mn_Node
$000e    14     4    mn_ReplyPort
$0012    18     2    mn_Length
```

---

## 1.213 MinList

```
MinList:
  $000c    12  sizeof(MinList)
  $0000    0   4  mlh_Head
  $0004    4   4  mlh_Tail
  $0008    8   4  mlh_TailPred
```

## 1.214 MinNode

```
MinNode:
  $0008    8  sizeof(MinNode)
  $0000    0   4  mln_Succ
  $0004    4   4  mln_Pred
```

## 1.215 MonitorInfo

```
MonitorInfo:
  $0060    96  sizeof(MonitorInfo)
  $0000    0   16  Header
  $0010    16   4  Mspc
  $0014    20   4  ViewPosition
  $0018    24   4  ViewResolution
  $001c    28   8  ViewPositionRange
  $0024    36   2  TotalRows
  $0026    38   2  TotalColorClocks
  $0028    40   2  MinRow
  $002a    42   2  Compatibility
  $002c    44   1  pad[0]
  $004c    76   4  MouseTicks
  $0050    80   4  DefaultViewPosition
  $0054    84   4  PreferredModeID
  $0058    88   4  reserved[0]
```

## 1.216 MonitorSpec

```
MonitorSpec:
  $00a0   160  sizeof(MonitorSpec)
  $0000    0   24  ms_Node
  $0018    24   2  ms_Flags
  $001a    26   4  ratioh
  $001e    30   4  ratiov
  $0022    34   2  total_rows
  $0024    36   2  total_colorclocks
  $0026    38   2  DeniseMaxDisplayColumn
  $0028    40   2  BeamCon0
  $002a    42   2  min_row
  $002c    44   4  ms_Special
  $0030    48   2  ms_OpenCount
```

|        |     |    |                              |
|--------|-----|----|------------------------------|
| \$0032 | 50  | 4  | ms_transform                 |
| \$0036 | 54  | 4  | ms_translate                 |
| \$003a | 58  | 4  | ms_scale                     |
| \$003e | 62  | 2  | ms_xoffset                   |
| \$0040 | 64  | 2  | ms_yoffset                   |
| \$0042 | 66  | 8  | ms_LegalView                 |
| \$004a | 74  | 4  | ms_maxoscan                  |
| \$004e | 78  | 4  | ms_videoscan                 |
| \$0052 | 82  | 2  | DeniseMinDisplayColumn       |
| \$0054 | 84  | 4  | DisplayCompatible            |
| \$0058 | 88  | 14 | DisplayInfoDataBase          |
| \$0066 | 102 | 46 | DisplayInfoDataBaseSemaphore |
| \$0094 | 148 | 4  | ms_MrgCop                    |
| \$0098 | 152 | 4  | ms_LoadView                  |
| \$009c | 156 | 4  | ms_KillView                  |

## 1.217 MsgPort

```
MsgPort:
$0022    34    sizeof(MsgPort)
$0000    0     14    mp_Node
$000e    14    1     mp_Flags
$000f    15    1     mp_SigBit
$0010    16    4     mp_SigTask
$0014    20    14    mp_MsgList
```

## 1.218 NVEntry

```
NVEntry:
$0014    20    sizeof(NVEntry)
$0000    0     8     nve_Node
$0008    8     4     nve_Name
$000c    12    4     nve_Size
$0010    16    4     nve_Protection
```

## 1.219 NVInfo

```
NVInfo:
$0008    8     sizeof(NVInfo)
$0000    0     4     nvi_MaxStorage
$0004    4     4     nvi_FreeStorage
```

## 1.220 NameInfo

```
NameInfo:
$0038    56    sizeof(NameInfo)
$0000    0     16    Header
```

```

$0010    16    1  Name[0]
$0030    48    4  reserved[0]

```

## 1.221 NamedObject

NamedObject:

```

$0004    4  sizeof(NamedObject)
$0000    0    4  no_Object

```

## 1.222 NewAmigaGuide

NewAmigaGuide:

```

$0034    52  sizeof(NewAmigaGuide)
$0000    0    4  nag_Lock
$0004    4    4  nag_Name
$0008    8    4  nag_Screen
$000c   12    4  nag_PubScreen
$0010   16    4  nag_HostPort
$0014   20    4  nag_ClientPort
$0018   24    4  nag_BaseName
$001c   28    4  nag_Flags
$0020   32    4  nag_Context
$0024   36    4  nag_Node
$0028   40    4  nag_Line
$002c   44    4  nag_Extens
$0030   48    4  nag_Client

```

## 1.223 NewBroker

NewBroker:

```

$001a   26  sizeof(NewBroker)
$0000    0    1  nb_Version
$0002    2    4  nb_Name
$0006    6    4  nb_Title
$000a   10    4  nb_Descr
$000e   14    2  nb_Unique
$0010   16    2  nb_Flags
$0012   18    1  nb_Pri
$0014   20    4  nb_Port
$0018   24    2  nb_ReservedChannel

```

## 1.224 NewGadget

NewGadget:

```

$001e   30  sizeof(NewGadget)
$0000    0    2  ng_LeftEdge
$0002    2    2  ng_TopEdge

```

|        |    |   |               |
|--------|----|---|---------------|
| \$0004 | 4  | 2 | ng_Width      |
| \$0006 | 6  | 2 | ng_Height     |
| \$0008 | 8  | 4 | ng_GadgetText |
| \$000c | 12 | 4 | ng_TextAttr   |
| \$0010 | 16 | 2 | ng_GadgetID   |
| \$0012 | 18 | 4 | ng_Flags      |
| \$0016 | 22 | 4 | ng_VisualInfo |
| \$001a | 26 | 4 | ng_UserData   |

## 1.225 NewMenu

NewMenu:

|        |    |                  |                  |
|--------|----|------------------|------------------|
| \$0014 | 20 | sizeof (NewMenu) |                  |
| \$0000 | 0  | 1                | nm_Type          |
| \$0002 | 2  | 4                | nm_Label         |
| \$0006 | 6  | 4                | nm_CommKey       |
| \$000a | 10 | 2                | nm_Flags         |
| \$000c | 12 | 4                | nm_MutualExclude |
| \$0010 | 16 | 4                | nm_UserData      |

## 1.226 NewScreen

NewScreen:

|        |    |                    |              |
|--------|----|--------------------|--------------|
| \$0020 | 32 | sizeof (NewScreen) |              |
| \$0000 | 0  | 2                  | LeftEdge     |
| \$0002 | 2  | 2                  | TopEdge      |
| \$0004 | 4  | 2                  | Width        |
| \$0006 | 6  | 2                  | Height       |
| \$0008 | 8  | 2                  | Depth        |
| \$000a | 10 | 1                  | DetailPen    |
| \$000b | 11 | 1                  | BlockPen     |
| \$000c | 12 | 2                  | ViewModes    |
| \$000e | 14 | 2                  | Type         |
| \$0010 | 16 | 4                  | Font         |
| \$0014 | 20 | 4                  | DefaultTitle |
| \$0018 | 24 | 4                  | Gadgets      |
| \$001c | 28 | 4                  | CustomBitMap |

## 1.227 NewWindow

NewWindow:

|        |    |                    |            |
|--------|----|--------------------|------------|
| \$0030 | 48 | sizeof (NewWindow) |            |
| \$0000 | 0  | 2                  | LeftEdge   |
| \$0002 | 2  | 2                  | TopEdge    |
| \$0004 | 4  | 2                  | Width      |
| \$0006 | 6  | 2                  | Height     |
| \$0008 | 8  | 1                  | DetailPen  |
| \$0009 | 9  | 1                  | BlockPen   |
| \$000a | 10 | 4                  | IDCMPFlags |
| \$000e | 14 | 4                  | Flags      |

|        |    |   |             |
|--------|----|---|-------------|
| \$0012 | 18 | 4 | FirstGadget |
| \$0016 | 22 | 4 | CheckMark   |
| \$001a | 26 | 4 | Title       |
| \$001e | 30 | 4 | Screen      |
| \$0022 | 34 | 4 | BitMap      |
| \$0026 | 38 | 2 | MinWidth    |
| \$0028 | 40 | 2 | MinHeight   |
| \$002a | 42 | 2 | MaxWidth    |
| \$002c | 44 | 2 | MaxHeight   |
| \$002e | 46 | 2 | Type        |

## 1.228 NexxStr

```
NexxStr:
$0010    16  sizeof(NexxStr)
$0000     0    4  ns_Ivalue
$0004     4    2  ns_Length
$0006     6    1  ns_Flags
$0007     7    1  ns_Hash
$0008     8    1  ns_Buff[0]
```

## 1.229 Node

```
Node:
$000e    14  sizeof(Node)
$0000     0    4  ln_Succ
$0004     4    4  ln_Pred
$0008     8    1  ln_Type
$0009     9    1  ln_Pri
$000a    10    4  ln_Name
```

## 1.230 NotifyMessage

```
NotifyMessage:
$0026    38  sizeof(NotifyMessage)
$0000     0   20  nm_ExecMessage
$0014    20    4  nm_Class
$0018    24    2  nm_Code
$001a    26    4  nm_NReq
$001e    30    4  nm_DoNotTouch
$0022    34    4  nm_DoNotTouch2
```

## 1.231 NotifyRequest

```
NotifyRequest:
$0030    48  sizeof(NotifyRequest)
$0000     0    4  nr_Name
```

|        |    |   |                                 |
|--------|----|---|---------------------------------|
| \$0004 | 4  | 4 | nr_FullName                     |
| \$0008 | 8  | 4 | nr_UserData                     |
| \$000c | 12 | 4 | nr_Flags                        |
| \$0010 | 16 | 8 | nr_stuff                        |
| \$0010 | 16 | 4 | nr_stuff.nr_Msg                 |
| \$0010 | 16 | 4 | nr_stuff.nr_Msg.nr_Port         |
| \$0010 | 16 | 8 | nr_stuff.nr_Signal              |
| \$0010 | 16 | 4 | nr_stuff.nr_Signal.nr_Task      |
| \$0014 | 20 | 1 | nr_stuff.nr_Signal.nr_SignalNum |
| \$0015 | 21 | 1 | nr_stuff.nr_Signal.nr_pad[0]    |
| \$0018 | 24 | 4 | nr_Reserved[0]                  |
| \$0028 | 40 | 4 | nr_MsgCount                     |
| \$002c | 44 | 4 | nr_Handler                      |

### 1.232 OldDrawerData

OldDrawerData:

|        |    |                       |
|--------|----|-----------------------|
| \$0038 | 56 | sizeof(OldDrawerData) |
| \$0000 | 0  | 48 dd_NewWindow       |
| \$0030 | 48 | 4 dd_CurrentX         |
| \$0034 | 52 | 4 dd_CurrentY         |

### 1.233 OverscanPrefs

OverscanPrefs:

|        |    |                       |
|--------|----|-----------------------|
| \$0024 | 36 | sizeof(OverscanPrefs) |
| \$0000 | 0  | 4 os_Reserved         |
| \$0004 | 4  | 4 os_Magic            |
| \$0008 | 8  | 2 os_HStart           |
| \$000a | 10 | 2 os_HStop            |
| \$000c | 12 | 2 os_VStart           |
| \$000e | 14 | 2 os_VStop            |
| \$0010 | 16 | 4 os_DisplayID        |
| \$0014 | 20 | 4 os_ViewPos          |
| \$0018 | 24 | 4 os_Text             |
| \$001c | 28 | 8 os_Standard         |

### 1.234 PGX

PGX:

|        |    |                 |
|--------|----|-----------------|
| \$0010 | 16 | sizeof(PGX)     |
| \$0000 | 0  | 8 pgx_Container |
| \$0008 | 8  | 8 pgx_NewKnob   |

### 1.235 PaletteExtra

## PaletteExtra:

|        |    |                      |
|--------|----|----------------------|
| \$0044 | 68 | sizeof(PaletteExtra) |
| \$0000 | 0  | 46 pe_Semaphore      |
| \$002e | 46 | 2 pe_FirstFree       |
| \$0030 | 48 | 2 pe_NFree           |
| \$0032 | 50 | 2 pe_FirstShared     |
| \$0034 | 52 | 2 pe_NShared         |
| \$0036 | 54 | 4 pe_RefCnt          |
| \$003a | 58 | 4 pe_AllocList       |
| \$003e | 62 | 4 pe_ViewPort        |
| \$0042 | 66 | 2 pe_SharableColors  |

**1.236 PalettePrefs**

## PalettePrefs:

|        |     |                      |
|--------|-----|----------------------|
| \$0190 | 400 | sizeof(PalettePrefs) |
| \$0000 | 0   | 4 pap_Reserved[0]    |
| \$0010 | 16  | 2 pap_4ColorPens[0]  |
| \$0050 | 80  | 2 pap_8ColorPens[0]  |
| \$0090 | 144 | 8 pap_Colors[0]      |

**1.237 PartitionBlock**

## PartitionBlock:

|        |     |                        |
|--------|-----|------------------------|
| \$0100 | 256 | sizeof(PartitionBlock) |
| \$0000 | 0   | 4 pb_ID                |
| \$0004 | 4   | 4 pb_SummedLongs       |
| \$0008 | 8   | 4 pb_ChkSum            |
| \$000c | 12  | 4 pb_HostID            |
| \$0010 | 16  | 4 pb_Next              |
| \$0014 | 20  | 4 pb_Flags             |
| \$0018 | 24  | 4 pb_Reserved1[0]      |
| \$0020 | 32  | 4 pb_DevFlags          |
| \$0024 | 36  | 1 pb_DriveName[0]      |
| \$0044 | 68  | 4 pb_Reserved2[0]      |
| \$0080 | 128 | 4 pb_Environment[0]    |
| \$00c4 | 196 | 4 pb_EReserved[0]      |

**1.238 Player**

## Player:

|        |    |                 |
|--------|----|-----------------|
| \$002c | 44 | sizeof(Player)  |
| \$0000 | 0  | 14 pl_Link      |
| \$000e | 14 | 1 pl_Reserved0  |
| \$000f | 15 | 1 pl_Reserved1  |
| \$0010 | 16 | 4 pl_Hook       |
| \$0014 | 20 | 4 pl_Source     |
| \$0018 | 24 | 4 pl_Task       |
| \$001c | 28 | 4 pl_MetricTime |



|        |    |   |              |
|--------|----|---|--------------|
| \$0020 | 32 | 4 | pl_AlarmTime |
| \$0024 | 36 | 4 | pl_UserData  |
| \$0028 | 40 | 2 | pl_PlayerID  |
| \$002a | 42 | 2 | pl_Flags     |

### 1.239 PointerPrefs

```
PointerPrefs:
$0020    32    sizeof(PointerPrefs)
$0000     0     4    pp_Reserved[0]
$0010    16     2    pp_Which
$0012    18     2    pp_Size
$0014    20     2    pp_Width
$0016    22     2    pp_Height
$0018    24     2    pp_Depth
$001a    26     2    pp_YSize
$001c    28     2    pp_X
$001e    30     2    pp_Y
```

### 1.240 PrefHeader

```
PrefHeader:
$0006     6    sizeof(PrefHeader)
$0000     0     1    ph_Version
$0001     1     1    ph_Type
$0002     2     4    ph_Flags
```

### 1.241 Preferences

```
Preferences:
$00e8   232    sizeof(Preferences)
$0000     0     1    FontHeight
$0001     1     1    PrinterPort
$0002     2     2    BaudRate
$0004     4     8    KeyRptSpeed
$000c    12     8    KeyRptDelay
$0014    20     8    DoubleClick
$001c    28     2    PointerMatrix[0]
$0064   100     1    XOffset
$0065   101     1    YOffset
$0066   102     2    color17
$0068   104     2    color18
$006a   106     2    color19
$006c   108     2    PointerTicks
$006e   110     2    color0
$0070   112     2    color1
$0072   114     2    color2
$0074   116     2    color3
$0076   118     1    ViewXOffset
$0077   119     1    ViewYOffset
```

|        |     |   |                    |
|--------|-----|---|--------------------|
| \$0078 | 120 | 2 | ViewInitX          |
| \$007a | 122 | 2 | ViewInitY          |
| \$007c | 124 | 2 | EnableCLI          |
| \$007e | 126 | 2 | PrinterType        |
| \$0080 | 128 | 1 | PrinterFilename[0] |
| \$009e | 158 | 2 | PrintPitch         |
| \$00a0 | 160 | 2 | PrintQuality       |
| \$00a2 | 162 | 2 | PrintSpacing       |
| \$00a4 | 164 | 2 | PrintLeftMargin    |
| \$00a6 | 166 | 2 | PrintRightMargin   |
| \$00a8 | 168 | 2 | PrintImage         |
| \$00aa | 170 | 2 | PrintAspect        |
| \$00ac | 172 | 2 | PrintShade         |
| \$00ae | 174 | 2 | PrintThreshold     |
| \$00b0 | 176 | 2 | PaperSize          |
| \$00b2 | 178 | 2 | PaperLength        |
| \$00b4 | 180 | 2 | PaperType          |
| \$00b6 | 182 | 1 | SerRWBits          |
| \$00b7 | 183 | 1 | SerStopBuf         |
| \$00b8 | 184 | 1 | SerParShk          |
| \$00b9 | 185 | 1 | LaceWB             |
| \$00ba | 186 | 1 | Pad[0]             |
| \$00c6 | 198 | 1 | PrtDevName[0]      |
| \$00d6 | 214 | 1 | DefaultPrtUnit     |
| \$00d7 | 215 | 1 | DefaultSerUnit     |
| \$00d8 | 216 | 1 | RowSizeChange      |
| \$00d9 | 217 | 1 | ColumnSizeChange   |
| \$00da | 218 | 2 | PrintFlags         |
| \$00dc | 220 | 2 | PrintMaxWidth      |
| \$00de | 222 | 2 | PrintMaxHeight     |
| \$00e0 | 224 | 1 | PrintDensity       |
| \$00e1 | 225 | 1 | PrintXOffset       |
| \$00e2 | 226 | 2 | wb_Width           |
| \$00e4 | 228 | 2 | wb_Height          |
| \$00e6 | 230 | 1 | wb_Depth           |
| \$00e7 | 231 | 1 | ext_size           |

## 1.242 PrinterData

```
PrinterData:
  $1aa2  6818  sizeof(PrinterData)
  $0000   0    52  pd_Device
  $0034   52   34  pd_Unit
  $0056   86    4  pd_PrinterSegment
  $005a   90    2  pd_PrinterType
  $005c   92    4  pd_SegmentData
  $0060   96    4  pd_PrintBuf
  $0064  100    4  pd_PWrite
  $0068  104    4  pd_PBothReady
  $006c  108   82  pd_ior0
  $006c  108   62  pd_ior0.pd_p0
  $006c  108   82  pd_ior0.pd_s0
  $00be  190   82  pd_ior1
  $00be  190   62  pd_ior1.pd_p1
  $00be  190   82  pd_ior1.pd_s1
```

|        |      |     |                 |
|--------|------|-----|-----------------|
| \$0110 | 272  | 40  | pd_TIOR         |
| \$0138 | 312  | 34  | pd_IORPort      |
| \$015a | 346  | 92  | pd_TC           |
| \$01b6 | 438  | 1   | pd_OldStk[0]    |
| \$09b6 | 2486 | 1   | pd_Flags        |
| \$09b7 | 2487 | 1   | pd_pad          |
| \$09b8 | 2488 | 232 | pd_Preferences  |
| \$0aa0 | 2720 | 1   | pd_PWaitEnabled |
| \$0aa1 | 2721 | 1   | pd_Flags1       |
| \$0aa2 | 2722 | 1   | pd_Stk[0]       |

## 1.243 PrinterExtendedData

PrinterExtendedData:

|        |    |                             |
|--------|----|-----------------------------|
| \$0042 | 66 | sizeof(PrinterExtendedData) |
| \$0000 | 0  | 4 ped_PrinterName           |
| \$0004 | 4  | 4 ped_Init                  |
| \$0008 | 8  | 4 ped_Expunge               |
| \$000c | 12 | 4 ped_Open                  |
| \$0010 | 16 | 4 ped_Close                 |
| \$0014 | 20 | 1 ped_PrinterClass          |
| \$0015 | 21 | 1 ped_ColorClass            |
| \$0016 | 22 | 1 ped_MaxColumns            |
| \$0017 | 23 | 1 ped_NumCharSets           |
| \$0018 | 24 | 2 ped_NumRows               |
| \$001a | 26 | 4 ped_MaxXDots              |
| \$001e | 30 | 4 ped_MaxYDots              |
| \$0022 | 34 | 2 ped_XDotsInch             |
| \$0024 | 36 | 2 ped_YDotsInch             |
| \$0026 | 38 | 4 ped_Commands              |
| \$002a | 42 | 4 ped_DoSpecial             |
| \$002e | 46 | 4 ped_Render                |
| \$0032 | 50 | 4 ped_TimeoutSecs           |
| \$0036 | 54 | 4 ped_8BitChars             |
| \$003a | 58 | 4 ped_PrintMode             |
| \$003e | 62 | 4 ped_ConvFunc              |

## 1.244 PrinterGfxPrefs

PrinterGfxPrefs:

|        |    |                         |
|--------|----|-------------------------|
| \$0026 | 38 | sizeof(PrinterGfxPrefs) |
| \$0000 | 0  | 4 pg_Reserved[0]        |
| \$0010 | 16 | 2 pg_Aspect             |
| \$0012 | 18 | 2 pg_Shade              |
| \$0014 | 20 | 2 pg_Image              |
| \$0016 | 22 | 2 pg_Threshold          |
| \$0018 | 24 | 1 pg_ColorCorrect       |
| \$0019 | 25 | 1 pg_Dimensions         |
| \$001a | 26 | 1 pg_Dithering          |
| \$001c | 28 | 2 pg_GraphicFlags       |
| \$001e | 30 | 1 pg_PrintDensity       |
| \$0020 | 32 | 2 pg_PrintMaxWidth      |

|        |    |   |                   |
|--------|----|---|-------------------|
| \$0022 | 34 | 2 | pg_PrintMaxHeight |
| \$0024 | 36 | 1 | pg_PrintXOffset   |
| \$0025 | 37 | 1 | pg_PrintYOffset   |

## 1.245 PrinterPSPrefs

PrinterPSPrefs:

|        |     |                        |
|--------|-----|------------------------|
| \$007c | 124 | sizeof(PrinterPSPrefs) |
| \$0000 | 0   | 4 ps_Reserved[0]       |
| \$0010 | 16  | 1 ps_DriverMode        |
| \$0011 | 17  | 1 ps_PaperFormat       |
| \$0012 | 18  | 1 ps_Reserved1[0]      |
| \$0014 | 20  | 4 ps_Copies            |
| \$0018 | 24  | 4 ps_PaperWidth        |
| \$001c | 28  | 4 ps_PaperHeight       |
| \$0020 | 32  | 4 ps_HorizontalDPI     |
| \$0024 | 36  | 4 ps_VerticalDPI       |
| \$0028 | 40  | 1 ps_Font              |
| \$0029 | 41  | 1 ps_Pitch             |
| \$002a | 42  | 1 ps_Orientation       |
| \$002b | 43  | 1 ps_Tab               |
| \$002c | 44  | 1 ps_Reserved2[0]      |
| \$0034 | 52  | 4 ps_LeftMargin        |
| \$0038 | 56  | 4 ps_RightMargin       |
| \$003c | 60  | 4 ps_TopMargin         |
| \$0040 | 64  | 4 ps_BottomMargin      |
| \$0044 | 68  | 4 ps_FontPointSize     |
| \$0048 | 72  | 4 ps_Leading           |
| \$004c | 76  | 1 ps_Reserved3[0]      |
| \$0054 | 84  | 4 ps_LeftEdge          |
| \$0058 | 88  | 4 ps_TopEdge           |
| \$005c | 92  | 4 ps_Width             |
| \$0060 | 96  | 4 ps_Height            |
| \$0064 | 100 | 1 ps_Image             |
| \$0065 | 101 | 1 ps_Shading           |
| \$0066 | 102 | 1 ps_Dithering         |
| \$0067 | 103 | 1 ps_Reserved4[0]      |
| \$0070 | 112 | 1 ps_Aspect            |
| \$0071 | 113 | 1 ps_ScalingType       |
| \$0072 | 114 | 1 ps_Reserved5         |
| \$0073 | 115 | 1 ps_Centering         |
| \$0074 | 116 | 1 ps_Reserved6[0]      |

## 1.246 PrinterSegment

PrinterSegment:

|        |    |                        |
|--------|----|------------------------|
| \$004e | 78 | sizeof(PrinterSegment) |
| \$0000 | 0  | 4 ps_NextSegment       |
| \$0004 | 4  | 4 ps_runAlert          |
| \$0008 | 8  | 2 ps_Version           |
| \$000a | 10 | 2 ps_Revision          |
| \$000c | 12 | 66 ps_PED              |

## 1.247 PrinterTxtPrefs

```
PrinterTxtPrefs:
  $0040    64  sizeof(PrinterTxtPrefs)
  $0000     0   4  pt_Reserved[0]
  $0010    16   1  pt_Driver[0]
  $002e    46   1  pt_Port
  $0030    48   2  pt_PaperType
  $0032    50   2  pt_PaperSize
  $0034    52   2  pt_PaperLength
  $0036    54   2  pt_Pitch
  $0038    56   2  pt_Spacing
  $003a    58   2  pt_LeftMargin
  $003c    60   2  pt_RightMargin
  $003e    62   2  pt_Quality
```

## 1.248 PrinterUnitPrefs

```
PrinterUnitPrefs:
  $0038    56  sizeof(PrinterUnitPrefs)
  $0000     0   4  pu_Reserved[0]
  $0010    16   4  pu_UnitNum
  $0014    20   4  pu_OpenDeviceFlags
  $0018    24   1  pu_DeviceName[0]
```

## 1.249 Process

```
Process:
  $00e4   228  sizeof(Process)
  $0000     0   92  pr_Task
  $005c    92   34  pr_MsgPort
  $007e   126   2   pr_Pad
  $0080   128   4   pr_SegList
  $0084   132   4   pr_StackSize
  $0088   136   4   pr_GlobVec
  $008c   140   4   pr_TaskNum
  $0090   144   4   pr_StackBase
  $0094   148   4   pr_Result2
  $0098   152   4   pr_CurrentDir
  $009c   156   4   pr_CIS
  $00a0   160   4   pr_COS
  $00a4   164   4   pr_ConsoleTask
  $00a8   168   4   pr_FileSystemTask
  $00ac   172   4   pr_CLI
  $00b0   176   4   pr_ReturnAddr
  $00b4   180   4   pr_PktWait
  $00b8   184   4   pr_WindowPtr
  $00bc   188   4   pr_HomeDir
  $00c0   192   4   pr_Flags
  $00c4   196   4   pr_ExitCode
  $00c8   200   4   pr_ExitData
  $00cc   204   4   pr_Arguments
```

|        |     |    |                 |
|--------|-----|----|-----------------|
| \$00d0 | 208 | 12 | pr_LocalVars    |
| \$00dc | 220 | 4  | pr_ShellPrivate |
| \$00e0 | 224 | 4  | pr_CES          |

## 1.250 PropInfo

PropInfo:

|        |    |                  |
|--------|----|------------------|
| \$0016 | 22 | sizeof(PropInfo) |
| \$0000 | 0  | 2 Flags          |
| \$0002 | 2  | 2 HorizPot       |
| \$0004 | 4  | 2 VertPot        |
| \$0006 | 6  | 2 HorizBody      |
| \$0008 | 8  | 2 VertBody       |
| \$000a | 10 | 2 CWidth         |
| \$000c | 12 | 2 CHeight        |
| \$000e | 14 | 2 HPotRes        |
| \$0010 | 16 | 2 VPotRes        |
| \$0012 | 18 | 2 LeftBorder     |
| \$0014 | 20 | 2 TopBorder      |

## 1.251 PrtInfo

PrtInfo:

|        |     |                    |
|--------|-----|--------------------|
| \$0072 | 114 | sizeof(PrtInfo)    |
| \$0000 | 0   | 4 pi_render        |
| \$0004 | 4   | 4 pi_rp            |
| \$0008 | 8   | 4 pi_temprp        |
| \$000c | 12  | 4 pi_RowBuf        |
| \$0010 | 16  | 4 pi_HamBuf        |
| \$0014 | 20  | 4 pi_ColorMap      |
| \$0018 | 24  | 4 pi_ColorInt      |
| \$001c | 28  | 4 pi_HamInt        |
| \$0020 | 32  | 4 pi_Dest1Int      |
| \$0024 | 36  | 4 pi_Dest2Int      |
| \$0028 | 40  | 4 pi_ScaleX        |
| \$002c | 44  | 4 pi_ScaleXAlt     |
| \$0030 | 48  | 4 pi_dmatrix       |
| \$0034 | 52  | 4 pi_TopBuf        |
| \$0038 | 56  | 4 pi_BotBuf        |
| \$003c | 60  | 2 pi_RowBufSize    |
| \$003e | 62  | 2 pi_HamBufSize    |
| \$0040 | 64  | 2 pi_ColorMapSize  |
| \$0042 | 66  | 2 pi_ColorIntSize  |
| \$0044 | 68  | 2 pi_HamIntSize    |
| \$0046 | 70  | 2 pi_Dest1IntSize  |
| \$0048 | 72  | 2 pi_Dest2IntSize  |
| \$004a | 74  | 2 pi_ScaleXSize    |
| \$004c | 76  | 2 pi_ScaleXAltSize |
| \$004e | 78  | 2 pi_PrefsFlags    |
| \$0050 | 80  | 4 pi_special       |
| \$0054 | 84  | 2 pi_xstart        |
| \$0056 | 86  | 2 pi_ystart        |

|        |     |   |              |
|--------|-----|---|--------------|
| \$0058 | 88  | 2 | pi_width     |
| \$005a | 90  | 2 | pi_height    |
| \$005c | 92  | 4 | pi_pc        |
| \$0060 | 96  | 4 | pi_pr        |
| \$0064 | 100 | 2 | pi_ymult     |
| \$0066 | 102 | 2 | pi_ymod      |
| \$0068 | 104 | 2 | pi_ety       |
| \$006a | 106 | 2 | pi_xpos      |
| \$006c | 108 | 2 | pi_threshold |
| \$006e | 110 | 2 | pi_tempwidth |
| \$0070 | 112 | 2 | pi_flags     |

## 1.252 PubScreenNode

```
PubScreenNode:
  $001e    30  sizeof(PubScreenNode)
  $0000    0   14  psn_Node
  $000e    14   4   psn_Screen
  $0012    18   2   psn_Flags
  $0014    20   2   psn_Size
  $0016    22   2   psn_VisitorCount
  $0018    24   4   psn_SigTask
  $001c    28   1   psn_SigBit
```

## 1.253 QCode

```
QCode:
  $000c    12  sizeof(QCode)
  $0000    0   1   CtlAdr
  $0001    1   1   Track
  $0002    2   1   Index
  $0003    3   1   Zero
  $0004    4   4   TrackPosition
  $0008    8   4   DiskPosition
```

## 1.254 QueryHeader

```
QueryHeader:
  $0010    16  sizeof(QueryHeader)
  $0000    0   4   StructID
  $0004    4   4   DisplayID
  $0008    8   4   SkipID
  $000c    12  4   Length
```

## 1.255 RArgs

```
RDArgs:
  $0020    32  sizeof(RDArgs)
  $0000     0   12  RDA_Source
  $000c    12   4   RDA_DAList
  $0010    16   4   RDA_Buffer
  $0014    20   4   RDA_BufSiz
  $0018    24   4   RDA_ExtHelp
  $001c    28   4   RDA_Flags
```

## 1.256 RGBTable

```
RGBTable:
  $0004     4  sizeof(RGBTable)
  $0000     0   1   t_Red
  $0001     1   1   t_Green
  $0002     2   1   t_Blue
```

## 1.257 RMSF

```
RMSF:
  $0004     4  sizeof(RMSF)
  $0000     0   1  Reserved
  $0001     1   1  Minute
  $0002     2   1  Second
  $0003     3   1  Frame
```

## 1.258 RasInfo

```
RasInfo:
  $000c    12  sizeof(RasInfo)
  $0000     0   4  Next
  $0004     4   4  BitMap
  $0008     8   2  RxOffset
  $000a    10   2  RyOffset
```

## 1.259 RastPort

```
RastPort:
  $0064    100  sizeof(RastPort)
  $0000     0   4  Layer
  $0004     4   4  BitMap
  $0008     8   4  AreaPtrn
  $000c    12   4  TmpRas
  $0010    16   4  AreaInfo
  $0014    20   4  GelsInfo
  $0018    24   1  Mask
  $0019    25   1  FgPen
```

---



|        |    |   |                 |
|--------|----|---|-----------------|
| \$001a | 26 | 1 | BgPen           |
| \$001b | 27 | 1 | AOLPen          |
| \$001c | 28 | 1 | DrawMode        |
| \$001d | 29 | 1 | AreaPtSz        |
| \$001e | 30 | 1 | linpatcnt       |
| \$001f | 31 | 1 | dummy           |
| \$0020 | 32 | 2 | Flags           |
| \$0022 | 34 | 2 | LinePtrn        |
| \$0024 | 36 | 2 | cp_x            |
| \$0026 | 38 | 2 | cp_y            |
| \$0028 | 40 | 1 | mintterms[0]    |
| \$0030 | 48 | 2 | PenWidth        |
| \$0032 | 50 | 2 | PenHeight       |
| \$0034 | 52 | 4 | Font            |
| \$0038 | 56 | 1 | AlgoStyle       |
| \$0039 | 57 | 1 | TxFlags         |
| \$003a | 58 | 2 | TxHeight        |
| \$003c | 60 | 2 | TxWidth         |
| \$003e | 62 | 2 | TxBaseline      |
| \$0040 | 64 | 2 | TxSpacing       |
| \$0042 | 66 | 4 | RP_User         |
| \$0046 | 70 | 4 | longreserved[0] |
| \$004e | 78 | 2 | wordreserved[0] |
| \$005c | 92 | 1 | reserved[0]     |

## 1.260 RealTimeBase

```
RealTimeBase:
$0030    48    sizeof(RealTimeBase)
$0000     0    34    rtb_LibNode
$0022    34     1    rtb_Reserved0[0]
$0024    36     4    rtb_Time
$0028    40     4    rtb_TimeFrac
$002c    44     2    rtb_Reserved1
$002e    46     2    rtb_TickErr
```

## 1.261 RecordLock

```
RecordLock:
$0010    16    sizeof(RecordLock)
$0000     0     4    rec_FH
$0004     4     4    rec_Offset
$0008     8     4    rec_Length
$000c    12     4    rec_Mode
```

## 1.262 Rect32

```
Rect32:
$0010    16    sizeof(Rect32)
$0000     0     4    MinX
```

```
$0004    4    4  MinY
$0008    8    4  MaxX
$000c   12    4  MaxY
```

## 1.263 Rectangle

Rectangle:

```
$0008    8  sizeof(Rectangle)
$0000    0    2  MinX
$0002    2    2  MinY
$0004    4    2  MaxX
$0006    6    2  MaxY
```

## 1.264 Region

Region:

```
$000c   12  sizeof(Region)
$0000    0    8  bounds
$0008    8    4  RegionRectangle
```

## 1.265 RegionRectangle

RegionRectangle:

```
$0010   16  sizeof(RegionRectangle)
$0000    0    4  Next
$0004    4    4  Prev
$0008    8    8  bounds
```

## 1.266 Remember

Remember:

```
$000c   12  sizeof(Remember)
$0000    0    4  NextRemember
$0004    4    4  RememberSize
$0008    8    4  Memory
```

## 1.267 Requester

Requester:

```
$0070   112  sizeof(Requester)
$0000    0    4  OlderRequest
$0004    4    2  LeftEdge
$0006    6    2  TopEdge
$0008    8    2  Width
$000a   10    2  Height
```

---

|        |    |   |            |
|--------|----|---|------------|
| \$000c | 12 | 2 | RelLeft    |
| \$000e | 14 | 2 | RelTop     |
| \$0010 | 16 | 4 | ReqGadget  |
| \$0014 | 20 | 4 | ReqBorder  |
| \$0018 | 24 | 4 | ReqText    |
| \$001c | 28 | 2 | Flags      |
| \$001e | 30 | 1 | BackFill   |
| \$0020 | 32 | 4 | ReqLayer   |
| \$0024 | 36 | 1 | ReqPad1[0] |
| \$0044 | 68 | 4 | ImageBMap  |
| \$0048 | 72 | 4 | RWindow    |
| \$004c | 76 | 4 | ReqImage   |
| \$0050 | 80 | 1 | ReqPad2[0] |

## 1.268 Resident

Resident:

|        |    |                  |              |
|--------|----|------------------|--------------|
| \$001a | 26 | sizeof(Resident) |              |
| \$0000 | 0  | 2                | rt_MatchWord |
| \$0002 | 2  | 4                | rt_MatchTag  |
| \$0006 | 6  | 4                | rt_EndSkip   |
| \$000a | 10 | 1                | rt_Flags     |
| \$000b | 11 | 1                | rt_Version   |
| \$000c | 12 | 1                | rt_Type      |
| \$000d | 13 | 1                | rt_Pri       |
| \$000e | 14 | 4                | rt_Name      |
| \$0012 | 18 | 4                | rt_IdString  |
| \$0016 | 22 | 4                | rt_Init      |

## 1.269 REXXArg

REXXArg:

|        |    |                 |            |
|--------|----|-----------------|------------|
| \$0010 | 16 | sizeof(REXXArg) |            |
| \$0000 | 0  | 4               | ra_Size    |
| \$0004 | 4  | 2               | ra_Length  |
| \$0006 | 6  | 1               | ra_Flags   |
| \$0007 | 7  | 1               | ra_Hash    |
| \$0008 | 8  | 1               | ra_Buff[0] |

## 1.270 REXXMsg

REXXMsg:

|        |     |                 |              |
|--------|-----|-----------------|--------------|
| \$0080 | 128 | sizeof(REXXMsg) |              |
| \$0000 | 0   | 20              | rm_Node      |
| \$0014 | 20  | 4               | rm_TaskBlock |
| \$0018 | 24  | 4               | rm_LibBase   |
| \$001c | 28  | 4               | rm_Action    |
| \$0020 | 32  | 4               | rm_Result1   |
| \$0024 | 36  | 4               | rm_Result2   |
| \$0028 | 40  | 4               | rm_Args[0]   |

|        |     |   |             |
|--------|-----|---|-------------|
| \$0068 | 104 | 4 | rm_PassPort |
| \$006c | 108 | 4 | rm_CommAddr |
| \$0070 | 112 | 4 | rm_FileExt  |
| \$0074 | 116 | 4 | rm_Stdin    |
| \$0078 | 120 | 4 | rm_Stdout   |
| \$007c | 124 | 4 | rm_avail    |

## 1.271 RexxMsgPort

```
RexxMsgPort:
$0050      80  sizeof(RexxMsgPort)
$0000       0   32  rmp_Node
$0020      32   34  rmp_Port
$0042      66   14  rmp_ReplyList
```

## 1.272 RexxRsrc

```
RexxRsrc:
$0020      32  sizeof(RexxRsrc)
$0000       0   14  rr_Node
$000e      14    2  rr_Func
$0010      16    4  rr_Base
$0014      20    4  rr_Size
$0018      24    4  rr_Arg1
$001c      28    4  rr_Arg2
```

## 1.273 RexxTask

```
RexxTask:
$014a     330  sizeof(RexxTask)
$0000       0    1  rt_Global[0]
$00c8     200   34  rt_MsgPort
$00ea     234    1  rt_Flags
$00eb     235    1  rt_SigBit
$00ec     236    4  rt_ClientID
$00f0     240    4  rt_MsgPkt
$00f4     244    4  rt_TaskID
$00f8     248    4  rt_RexxPort
$00fc     252    4  rt_ErrTrap
$0100     256    4  rt_StackPtr
$0104     260   14  rt_Header1
$0112     274   14  rt_Header2
$0120     288   14  rt_Header3
$012e     302   14  rt_Header4
$013c     316   14  rt_Header5
```

## 1.274 RigidDiskBlock

RigidDiskBlock:

|        |     |                             |
|--------|-----|-----------------------------|
| \$0100 | 256 | sizeof(RigidDiskBlock)      |
| \$0000 | 0   | 4 rdb_ID                    |
| \$0004 | 4   | 4 rdb_SummedLongs           |
| \$0008 | 8   | 4 rdb_ChkSum                |
| \$000c | 12  | 4 rdb_HostID                |
| \$0010 | 16  | 4 rdb_BlockBytes            |
| \$0014 | 20  | 4 rdb_Flags                 |
| \$0018 | 24  | 4 rdb_BadBlockList          |
| \$001c | 28  | 4 rdb_PartitionList         |
| \$0020 | 32  | 4 rdb_FileSysHeaderList     |
| \$0024 | 36  | 4 rdb_DriveInit             |
| \$0028 | 40  | 4 rdb_Reserved1[0]          |
| \$0040 | 64  | 4 rdb_Cylinders             |
| \$0044 | 68  | 4 rdb_Sectors               |
| \$0048 | 72  | 4 rdb_Heads                 |
| \$004c | 76  | 4 rdb_Interleave            |
| \$0050 | 80  | 4 rdb_Park                  |
| \$0054 | 84  | 4 rdb_Reserved2[0]          |
| \$0060 | 96  | 4 rdb_WritePreComp          |
| \$0064 | 100 | 4 rdb_ReducedWrite          |
| \$0068 | 104 | 4 rdb_StepRate              |
| \$006c | 108 | 4 rdb_Reserved3[0]          |
| \$0080 | 128 | 4 rdb_RDBBlocksLo           |
| \$0084 | 132 | 4 rdb_RDBBlocksHi           |
| \$0088 | 136 | 4 rdb_LoCylinder            |
| \$008c | 140 | 4 rdb_HiCylinder            |
| \$0090 | 144 | 4 rdb_CylBlocks             |
| \$0094 | 148 | 4 rdb_AutoParkSeconds       |
| \$0098 | 152 | 4 rdb_HighRDSKBlock         |
| \$009c | 156 | 4 rdb_Reserved4             |
| \$00a0 | 160 | 1 rdb_DiskVendor[0]         |
| \$00a8 | 168 | 1 rdb_DiskProduct[0]        |
| \$00b8 | 184 | 1 rdb_DiskRevision[0]       |
| \$00bc | 188 | 1 rdb_ControllerVendor[0]   |
| \$00c4 | 196 | 1 rdb_ControllerProduct[0]  |
| \$00d4 | 212 | 1 rdb_ControllerRevision[0] |
| \$00d8 | 216 | 4 rdb_Reserved5[0]          |

## 1.275 RootNode

RootNode:

|        |    |                         |
|--------|----|-------------------------|
| \$0038 | 56 | sizeof(RootNode)        |
| \$0000 | 0  | 4 rn_TaskArray          |
| \$0004 | 4  | 4 rn_ConsoleSegment     |
| \$0008 | 8  | 12 rn_Time              |
| \$0014 | 20 | 4 rn_RestartSeg         |
| \$0018 | 24 | 4 rn_Info               |
| \$001c | 28 | 4 rn_FileHandlerSegment |
| \$0020 | 32 | 12 rn_CliList           |
| \$002c | 44 | 4 rn_BootProc           |
| \$0030 | 48 | 4 rn_ShellSegment       |

---

```
$0034    52    4  rn_Flags
```

## 1.276 RxsLib

```
RxsLib:
$00fc    252   sizeof(RxsLib)
$0000     0    34  rl_Node
$0022    34    1   rl_Flags
$0023    35    1   rl_Shadow
$0024    36    4   rl_SysBase
$0028    40    4   rl_DOSBase
$002c    44    4   rl_IeeeDPBase
$0030    48    4   rl_SegList
$0034    52    4   rl_NIL
$0038    56    4   rl_Chunk
$003c    60    4   rl_MaxNest
$0040    64    4   rl_NULL
$0044    68    4   rl_FALSE
$0048    72    4   rl_TRUE
$004c    76    4   rl_REXX
$0050    80    4   rl_COMMAND
$0054    84    4   rl_STDIN
$0058    88    4   rl_STDOUT
$005c    92    4   rl_STDERR
$0060    96    4   rl_Version
$0064   100    4   rl_TaskName
$0068   104    4   rl_TaskPri
$006c   108    4   rl_TaskSeg
$0070   112    4   rl_StackSize
$0074   116    4   rl_RexxDir
$0078   120    4   rl_CTABLE
$007c   124    4   rl_Notice
$0080   128   34   rl_RexxPort
$00a2   162    2   rl_ReadLock
$00a4   164    4   rl_TraceFH
$00a8   168   14   rl_TaskList
$00b6   182    2   rl_NumTask
$00b8   184   14   rl_LibList
$00c6   198    2   rl_NumLib
$00c8   200   14   rl_ClipList
$00d6   214    2   rl_NumClip
$00d8   216   14   rl_MsgList
$00e6   230    2   rl_NumMsg
$00e8   232   14   rl_PgmList
$00f6   246    2   rl_NumPgm
$00f8   248    2   rl_TraceCnt
$00fa   250    2   rl_avail
```

## 1.277 SCSICmd

```
SCSICmd:
$001e    30   sizeof(SCSICmd)
```

---

|        |    |   |                  |
|--------|----|---|------------------|
| \$0000 | 0  | 4 | scsi_Data        |
| \$0004 | 4  | 4 | scsi_Length      |
| \$0008 | 8  | 4 | scsi_Actual      |
| \$000c | 12 | 4 | scsi_Command     |
| \$0010 | 16 | 2 | scsi_CmdLength   |
| \$0012 | 18 | 2 | scsi_CmdActual   |
| \$0014 | 20 | 1 | scsi_Flags       |
| \$0015 | 21 | 1 | scsi_Status      |
| \$0016 | 22 | 4 | scsi_SenseData   |
| \$001a | 26 | 2 | scsi_SenseLength |
| \$001c | 28 | 2 | scsi_SenseActual |

## 1.278 SGWork

SGWork:

|        |    |                |            |
|--------|----|----------------|------------|
| \$002c | 44 | sizeof(SGWork) |            |
| \$0000 | 0  | 4              | Gadget     |
| \$0004 | 4  | 4              | StringInfo |
| \$0008 | 8  | 4              | WorkBuffer |
| \$000c | 12 | 4              | PrevBuffer |
| \$0010 | 16 | 4              | Modes      |
| \$0014 | 20 | 4              | IEvent     |
| \$0018 | 24 | 2              | Code       |
| \$001a | 26 | 2              | BufferPos  |
| \$001c | 28 | 2              | NumChars   |
| \$001e | 30 | 4              | Actions    |
| \$0022 | 34 | 4              | LongInt    |
| \$0026 | 38 | 4              | GadgetInfo |
| \$002a | 42 | 2              | EditOp     |

## 1.279 SatisfyMsg

SatisfyMsg:

|        |    |                    |           |
|--------|----|--------------------|-----------|
| \$001a | 26 | sizeof(SatisfyMsg) |           |
| \$0000 | 0  | 20                 | sm_Msg    |
| \$0014 | 20 | 2                  | sm_Unit   |
| \$0016 | 22 | 4                  | sm_ClipID |

## 1.280 Screen

Screen:

|        |     |                |             |
|--------|-----|----------------|-------------|
| \$015a | 346 | sizeof(Screen) |             |
| \$0000 | 0   | 4              | NextScreen  |
| \$0004 | 4   | 4              | FirstWindow |
| \$0008 | 8   | 2              | LeftEdge    |
| \$000a | 10  | 2              | TopEdge     |
| \$000c | 12  | 2              | Width       |
| \$000e | 14  | 2              | Height      |
| \$0010 | 16  | 2              | MouseY      |
| \$0012 | 18  | 2              | MouseX      |

|        |     |     |              |
|--------|-----|-----|--------------|
| \$0014 | 20  | 2   | Flags        |
| \$0016 | 22  | 4   | Title        |
| \$001a | 26  | 4   | DefaultTitle |
| \$001e | 30  | 1   | BarHeight    |
| \$001f | 31  | 1   | BarVBorder   |
| \$0020 | 32  | 1   | BarHBorder   |
| \$0021 | 33  | 1   | MenuVBorder  |
| \$0022 | 34  | 1   | MenuHBorder  |
| \$0023 | 35  | 1   | WBotTop      |
| \$0024 | 36  | 1   | WBotLeft     |
| \$0025 | 37  | 1   | WBotRight    |
| \$0026 | 38  | 1   | WBotBottom   |
| \$0028 | 40  | 4   | Font         |
| \$002c | 44  | 40  | ViewPort     |
| \$0054 | 84  | 100 | RastPort     |
| \$00b8 | 184 | 40  | BitMap       |
| \$00e0 | 224 | 102 | LayerInfo    |
| \$0146 | 326 | 4   | FirstGadget  |
| \$014a | 330 | 1   | DetailPen    |
| \$014b | 331 | 1   | BlockPen     |
| \$014c | 332 | 2   | SaveColor0   |
| \$014e | 334 | 4   | BarLayer     |
| \$0152 | 338 | 4   | ExtData      |
| \$0156 | 342 | 4   | UserData     |

## 1.281 ScreenBuffer

ScreenBuffer:

|        |   |                      |
|--------|---|----------------------|
| \$0008 | 8 | sizeof(ScreenBuffer) |
| \$0000 | 0 | 4 sb_BitMap          |
| \$0004 | 4 | 4 sb_DBufInfo        |

## 1.282 ScreenModePrefs

ScreenModePrefs:

|        |    |                         |
|--------|----|-------------------------|
| \$001c | 28 | sizeof(ScreenModePrefs) |
| \$0000 | 0  | 4 smp_Reserved[0]       |
| \$0010 | 16 | 4 smp_DisplayID         |
| \$0014 | 20 | 2 smp_Width             |
| \$0016 | 22 | 2 smp_Height            |
| \$0018 | 24 | 2 smp_Depth             |
| \$001a | 26 | 2 smp_Control           |

## 1.283 ScreenModeRequester

ScreenModeRequester:

|        |    |                             |
|--------|----|-----------------------------|
| \$0030 | 48 | sizeof(ScreenModeRequester) |
| \$0000 | 0  | 4 sm_DisplayID              |
| \$0004 | 4  | 4 sm_DisplayWidth           |
| \$0008 | 8  | 4 sm_DisplayHeight          |



|        |    |   |                 |
|--------|----|---|-----------------|
| \$000c | 12 | 2 | sm_DisplayDepth |
| \$000e | 14 | 2 | sm_OverscanType |
| \$0010 | 16 | 2 | sm_AutoScroll   |
| \$0012 | 18 | 4 | sm_BitMapWidth  |
| \$0016 | 22 | 4 | sm_BitMapHeight |
| \$001a | 26 | 2 | sm_LeftEdge     |
| \$001c | 28 | 2 | sm_TopEdge      |
| \$001e | 30 | 2 | sm_Width        |
| \$0020 | 32 | 2 | sm_Height       |
| \$0022 | 34 | 2 | sm_InfoOpened   |
| \$0024 | 36 | 2 | sm_InfoLeftEdge |
| \$0026 | 38 | 2 | sm_InfoTopEdge  |
| \$0028 | 40 | 2 | sm_InfoWidth    |
| \$002a | 42 | 2 | sm_InfoHeight   |
| \$002c | 44 | 4 | sm_UserData     |

## 1.284 Segment

Segment:

|        |    |                 |             |
|--------|----|-----------------|-------------|
| \$0010 | 16 | sizeof(Segment) |             |
| \$0000 | 0  | 4               | seg_Next    |
| \$0004 | 4  | 4               | seg_UC      |
| \$0008 | 8  | 4               | seg_Seg     |
| \$000c | 12 | 1               | seg_Name[0] |

## 1.285 Semaphore

Semaphore:

|        |    |                   |            |
|--------|----|-------------------|------------|
| \$0024 | 36 | sizeof(Semaphore) |            |
| \$0000 | 0  | 34                | sm_MsgPort |
| \$0022 | 34 | 2                 | sm_Bids    |

## 1.286 SemaphoreMessage

SemaphoreMessage:

|        |    |                          |               |
|--------|----|--------------------------|---------------|
| \$0018 | 24 | sizeof(SemaphoreMessage) |               |
| \$0000 | 0  | 20                       | ssm_Message   |
| \$0014 | 20 | 4                        | ssm_Semaphore |

## 1.287 SemaphoreRequest

SemaphoreRequest:

|        |    |                          |           |
|--------|----|--------------------------|-----------|
| \$000c | 12 | sizeof(SemaphoreRequest) |           |
| \$0000 | 0  | 8                        | sr_Link   |
| \$0008 | 8  | 4                        | sr_Waiter |

## 1.288 SerialPrefs

SerialPrefs:

|        |    |                      |
|--------|----|----------------------|
| \$0022 | 34 | sizeof (SerialPrefs) |
| \$0000 | 0  | 4 sp_Reserved[0]     |
| \$000c | 12 | 4 sp_Unit0Map        |
| \$0010 | 16 | 4 sp_BaudRate        |
| \$0014 | 20 | 4 sp_InputBuffer     |
| \$0018 | 24 | 4 sp_OutputBuffer    |
| \$001c | 28 | 1 sp_InputHandshake  |
| \$001d | 29 | 1 sp_OutputHandshake |
| \$001e | 30 | 1 sp_Parity          |
| \$001f | 31 | 1 sp_BitsPerChar     |
| \$0020 | 32 | 1 sp_StopBits        |

## 1.289 SignalSemaphore

SignalSemaphore:

|        |    |                          |
|--------|----|--------------------------|
| \$002e | 46 | sizeof (SignalSemaphore) |
| \$0000 | 0  | 14 ss_Link               |
| \$000e | 14 | 2 ss_NestCount           |
| \$0010 | 16 | 12 ss_WaitQueue          |
| \$001c | 28 | 12 ss_MultipleLink       |
| \$0028 | 40 | 4 ss_Owner               |
| \$002c | 44 | 2 ss_QueueCount          |

## 1.290 SimpleSprite

SimpleSprite:

|        |    |                       |
|--------|----|-----------------------|
| \$000c | 12 | sizeof (SimpleSprite) |
| \$0000 | 0  | 4 posctldata          |
| \$0004 | 4  | 2 height              |
| \$0006 | 6  | 2 x                   |
| \$0008 | 8  | 2 y                   |
| \$000a | 10 | 2 num                 |

## 1.291 SoftIntList

SoftIntList:

|        |    |                      |
|--------|----|----------------------|
| \$0010 | 16 | sizeof (SoftIntList) |
| \$0000 | 0  | 14 sh_List           |
| \$000e | 14 | 2 sh_Pad             |

## 1.292 SoundPrefs

---

## SoundPrefs:

|        |     |                        |
|--------|-----|------------------------|
| \$011c | 284 | sizeof(SoundPrefs)     |
| \$0000 | 0   | 4 sop_Reserved[0]      |
| \$0010 | 16  | 2 sop_DisplayQueue     |
| \$0012 | 18  | 2 sop_AudioQueue       |
| \$0014 | 20  | 2 sop_AudioType        |
| \$0016 | 22  | 2 sop_AudioVolume      |
| \$0018 | 24  | 2 sop_AudioPeriod      |
| \$001a | 26  | 2 sop_AudioDuration    |
| \$001c | 28  | 1 sop_AudioFileName[0] |

**1.293 SpecialMonitor**

## SpecialMonitor:

|        |    |                        |
|--------|----|------------------------|
| \$003a | 58 | sizeof(SpecialMonitor) |
| \$0000 | 0  | 24 spm_Node            |
| \$0018 | 24 | 2 spm_Flags            |
| \$001a | 26 | 4 do_monitor           |
| \$001e | 30 | 4 reserved1            |
| \$0022 | 34 | 4 reserved2            |
| \$0026 | 38 | 4 reserved3            |
| \$002a | 42 | 4 hblank               |
| \$002e | 46 | 4 vblank               |
| \$0032 | 50 | 4 hsync                |
| \$0036 | 54 | 4 vsync                |

**1.294 SpriteDef**

## SpriteDef:

|        |   |                   |
|--------|---|-------------------|
| \$0008 | 8 | sizeof(SpriteDef) |
| \$0000 | 0 | 2 pos             |
| \$0002 | 2 | 2 ctl             |
| \$0004 | 4 | 2 dataa           |
| \$0006 | 6 | 2 datab           |

**1.295 SrcNode**

## SrcNode:

|        |    |                 |
|--------|----|-----------------|
| \$0010 | 16 | sizeof(SrcNode) |
| \$0000 | 0  | 4 sn_Succ       |
| \$0004 | 4  | 4 sn_Pred       |
| \$0008 | 8  | 4 sn_Ptr        |
| \$000c | 12 | 4 sn_Size       |

**1.296 StackSwapStruct**

StackSwapStruct:

|        |    |                         |
|--------|----|-------------------------|
| \$000c | 12 | sizeof(StackSwapStruct) |
| \$0000 | 0  | 4 stk_Lower             |
| \$0004 | 4  | 4 stk_Upper             |
| \$0008 | 8  | 4 stk_Pointer           |

## 1.297 StandardPacket

StandardPacket:

|        |    |                        |
|--------|----|------------------------|
| \$0044 | 68 | sizeof(StandardPacket) |
| \$0000 | 0  | 20 sp_Msg              |
| \$0014 | 20 | 48 sp_Pkt              |

## 1.298 StoredProperty

StoredProperty:

|        |   |                        |
|--------|---|------------------------|
| \$0008 | 8 | sizeof(StoredProperty) |
| \$0000 | 0 | 4 sp_Size              |
| \$0004 | 4 | 4 sp_Data              |

## 1.299 StringExtend

StringExtend:

|        |    |                      |
|--------|----|----------------------|
| \$0024 | 36 | sizeof(StringExtend) |
| \$0000 | 0  | 4 Font               |
| \$0004 | 4  | 1 Pens[0]            |
| \$0006 | 6  | 1 ActivePens[0]      |
| \$0008 | 8  | 4 InitialModes       |
| \$000c | 12 | 4 EditHook           |
| \$0010 | 16 | 4 WorkBuffer         |
| \$0014 | 20 | 4 Reserved[0]        |

## 1.300 StringInfo

StringInfo:

|        |    |                    |
|--------|----|--------------------|
| \$0024 | 36 | sizeof(StringInfo) |
| \$0000 | 0  | 4 Buffer           |
| \$0004 | 4  | 4 UndoBuffer       |
| \$0008 | 8  | 2 BufferPos        |
| \$000a | 10 | 2 MaxChars         |
| \$000c | 12 | 2 DispPos          |
| \$000e | 14 | 2 UndoPos          |
| \$0010 | 16 | 2 NumChars         |
| \$0012 | 18 | 2 DispCount        |
| \$0014 | 20 | 2 CLeft            |
| \$0016 | 22 | 2 CTop             |
| \$0018 | 24 | 4 Extension        |

```
$001c    28    4 LongInt
$0020    32    4 AltKeyMap
```

### 1.301 TAvailFonts

```
TAvailFonts:
$000e    14  sizeof(TAvailFonts)
$0000     0     2 taf_Type
$0002     2    12 taf_Attr
```

### 1.302 TDU\_PublicUnit

```
TDU_PublicUnit:
$0040    64  sizeof(TDU_PublicUnit)
$0000     0    38 tdu_Unit
$0026    38     2 tdu_Comp01Track
$0028    40     2 tdu_Comp10Track
$002a    42     2 tdu_Comp11Track
$002c    44     4 tdu_StepDelay
$0030    48     4 tdu_SettleDelay
$0034    52     1 tdu_RetryCnt
$0035    53     1 tdu_PubFlags
$0036    54     2 tdu_CurrTrk
$0038    56     4 tdu_CalibrateDelay
$003c    60     4 tdu_Counter
```

### 1.303 TFontContents

```
TFontContents:
$0104   260  sizeof(TFontContents)
$0000     0     1 tfc_FileName[0]
$00fe   254     2 tfc_TagCount
$0100   256     2 tfc_YSize
$0102   258     1 tfc_Style
$0103   259     1 tfc_Flags
```

### 1.304 TOCEntry

```
TOCEntry:
$0006     6  sizeof(TOCEntry)
$0000     0     1 CtlAdr
$0001     1     1 Track
$0002     2     4 Position
```

### 1.305 TOCSummary

```
TOCSummary:
$0006      6  sizeof(TOCSummary)
$0000      0   1  FirstTrack
$0001      1   1  LastTrack
$0002      2   4  LeadOut
```

### 1.306 TP\_AmigaXIP

```
TP_AmigaXIP:
$0008      8  sizeof(TP_AmigaXIP)
$0000      0   1  TPL_CODE
$0001      1   1  TPL_LINK
$0002      2   1  TP_XIPLOC[0]
$0006      6   1  TP_XIPFLAGS
$0007      7   1  TP_XIPRESRV
```

### 1.307 TTextAttr

```
TTextAttr:
$000c     12  sizeof(TTextAttr)
$0000      0   4  tta_Name
$0004      4   2  tta_YSize
$0006      6   1  tta_Style
$0007      7   1  tta_Flags
$0008      8   4  tta_Tags
```

### 1.308 TabletData

```
TabletData:
$0018     24  sizeof(TabletData)
$0000      0   2  td_XFraction
$0002      2   2  td_YFraction
$0004      4   4  td_TabletX
$0008      8   4  td_TabletY
$000c     12   4  td_RangeX
$0010     16   4  td_RangeY
$0014     20   4  td_TagList
```

### 1.309 TabletHookData

```
TabletHookData:
$0010     16  sizeof(TabletHookData)
$0000      0   4  thd_Screen
$0004      4   4  thd_Width
$0008      8   4  thd_Height
$000c     12   4  thd_ScreenChanged
```

### 1.310 TagItem

```

TagItem:
  $0008      8  sizeof(TagItem)
  $0000      0   4  ti_Tag
  $0004      4   4  ti_Data

```

### 1.311 Task

```

Task:
  $005c     92  sizeof(Task)
  $0000      0  14  tc_Node
  $000e     14   1  tc_Flags
  $000f     15   1  tc_State
  $0010     16   1  tc_IDNestCnt
  $0011     17   1  tc_TDNestCnt
  $0012     18   4  tc_SigAlloc
  $0016     22   4  tc_SigWait
  $001a     26   4  tc_SigRecvd
  $001e     30   4  tc_SigExcept
  $0022     34   2  tc_TrapAlloc
  $0024     36   2  tc_TrapAble
  $0026     38   4  tc_ExceptData
  $002a     42   4  tc_ExceptCode
  $002e     46   4  tc_TrapData
  $0032     50   4  tc_TrapCode
  $0036     54   4  tc_SPReg
  $003a     58   4  tc_SPLower
  $003e     62   4  tc_SPUpper
  $0042     66   4  tc_Switch
  $0046     70   4  tc_Launch
  $004a     74  14  tc_MemEntry
  $0058     88   4  tc_UserData

```

### 1.312 TextAttr

```

TextAttr:
  $0008      8  sizeof(TextAttr)
  $0000      0   4  ta_Name
  $0004      4   2  ta_YSize
  $0006      6   1  ta_Style
  $0007      7   1  ta_Flags

```

### 1.313 TextExtent

```

TextExtent:
  $000c     12  sizeof(TextExtent)
  $0000      0   2  te_Width
  $0002      2   2  te_Height
  $0004      4   8  te_Extent

```

### 1.314 TextFont

TextFont:

|        |    |                  |
|--------|----|------------------|
| \$0034 | 52 | sizeof(TextFont) |
| \$0000 | 0  | 20 tf_Message    |
| \$0014 | 20 | 2 tf_YSize       |
| \$0016 | 22 | 1 tf_Style       |
| \$0017 | 23 | 1 tf_Flags       |
| \$0018 | 24 | 2 tf_XSize       |
| \$001a | 26 | 2 tf_Baseline    |
| \$001c | 28 | 2 tf_BoldSmear   |
| \$001e | 30 | 2 tf_Accessors   |
| \$0020 | 32 | 1 tf_LoChar      |
| \$0021 | 33 | 1 tf_HiChar      |
| \$0022 | 34 | 4 tf_CharData    |
| \$0026 | 38 | 2 tf_Modulo      |
| \$0028 | 40 | 4 tf_CharLoc     |
| \$002c | 44 | 4 tf_CharSpace   |
| \$0030 | 48 | 4 tf_CharKern    |

### 1.315 TextFontExtension

TextFontExtension:

|        |    |                           |
|--------|----|---------------------------|
| \$0018 | 24 | sizeof(TextFontExtension) |
| \$0000 | 0  | 2 tfe_MatchWord           |
| \$0002 | 2  | 1 tfe_Flags0              |
| \$0003 | 3  | 1 tfe_Flags1              |
| \$0004 | 4  | 4 tfe_BackPtr             |
| \$0008 | 8  | 4 tfe_OrigReplyPort       |
| \$000c | 12 | 4 tfe_Tags                |
| \$0010 | 16 | 4 tfe_OFontPatchS         |
| \$0014 | 20 | 4 tfe_OFontPatchK         |

### 1.316 TmpRas

TmpRas:

|        |   |                |
|--------|---|----------------|
| \$0008 | 8 | sizeof(TmpRas) |
| \$0000 | 0 | 4 RasPtr       |
| \$0004 | 4 | 4 Size         |

### 1.317 Tool

Tool:

|        |   |              |
|--------|---|--------------|
| \$0008 | 8 | sizeof(Tool) |
| \$0000 | 0 | 2 tn_Which   |
| \$0002 | 2 | 2 tn_Flags   |
| \$0004 | 4 | 4 tn_Program |



### 1.318 ToolNode

```
ToolNode:
  $001a    26  sizeof(ToolNode)
  $0000     0   14  tn_Node
  $000e    14    8  tn_Tool
  $0016    22    4  tn_Length
```

### 1.319 UCopList

```
UCopList:
  $000c    12  sizeof(UCopList)
  $0000     0    4  Next
  $0004     4    4  FirstCopList
  $0008     8    4  CopList
```

### 1.320 Unit

```
Unit:
  $0026    38  sizeof(Unit)
  $0000     0   34  unit_MsgPort
  $0022    34    1  unit_flags
  $0023    35    1  unit_pad
  $0024    36    2  unit_OpenCnt
```

### 1.321 UtilityBase

```
UtilityBase:
  $0024    36  sizeof(UtilityBase)
  $0000     0   34  ub_LibNode
  $0022    34    1  ub_Language
  $0023    35    1  ub_Reserved
```

### 1.322 VSprite

```
VSprite:
  $003c    60  sizeof(VSprite)
  $0000     0    4  NextVSprite
  $0004     4    4  PrevVSprite
  $0008     8    4  DrawPath
  $000c    12    4  ClearPath
  $0010    16    2  OldY
  $0012    18    2  OldX
  $0014    20    2  Flags
  $0016    22    2  Y
  $0018    24    2  X
  $001a    26    2  Height
```

|        |    |   |            |
|--------|----|---|------------|
| \$001c | 28 | 2 | Width      |
| \$001e | 30 | 2 | Depth      |
| \$0020 | 32 | 2 | MeMask     |
| \$0022 | 34 | 2 | HitMask    |
| \$0024 | 36 | 4 | ImageData  |
| \$0028 | 40 | 4 | BorderLine |
| \$002c | 44 | 4 | CollMask   |
| \$0030 | 48 | 4 | SprColors  |
| \$0034 | 52 | 4 | VSBob      |
| \$0038 | 56 | 1 | PlanePick  |
| \$0039 | 57 | 1 | PlaneOnOff |
| \$003a | 58 | 2 | VUserExt   |

### 1.323 VecInfo

```
VecInfo:
$0028    40  sizeof(VecInfo)
$0000     0   16  Header
$0010    16   4   Vec
$0014    20   4   Data
$0018    24   2   Type
$001a    26   2   pad[0]
$0020    32   4   reserved[0]
```

### 1.324 View

```
View:
$0012    18  sizeof(View)
$0000     0   4   ViewPort
$0004     4   4   LOFCprList
$0008     8   4   SHFCprList
$000c    12   2   DyOffset
$000e    14   2   DxOffset
$0010    16   2   Modes
```

### 1.325 ViewExtra

```
ViewExtra:
$0022    34  sizeof(ViewExtra)
$0000     0  24   n
$0018    24   4   View
$001c    28   4   Monitor
$0020    32   2   TopLine
```

### 1.326 ViewPort

```

ViewPort:
$0028    40    sizeof(ViewPort)
$0000     0     4    Next
$0004     4     4    ColorMap
$0008     8     4    DspIns
$000c    12     4    SprIns
$0010    16     4    ClrIns
$0014    20     4    UCopIns
$0018    24     2    DWidth
$001a    26     2    DHeight
$001c    28     2    DxOffset
$001e    30     2    DyOffset
$0020    32     2    Modes
$0022    34     1    SpritePriorities
$0023    35     1    ExtendedModes
$0024    36     4    RasInfo

```

### 1.327 ViewPortExtra

```

ViewPortExtra:
$0042    66    sizeof(ViewPortExtra)
$0000     0    24    n
$0018    24     4    ViewPort
$001c    28     8    DisplayClip
$0024    36     4    VecTable
$0028    40     4    DriverData[0]
$0030    48     2    Flags
$0032    50     4    Origin[0]
$003a    58     4    cop1ptr
$003e    62     4    cop2ptr

```

### 1.328 VoiceHeader

```

VoiceHeader:
$0014    20    sizeof(VoiceHeader)
$0000     0     4    vh_OneShotHiSamples
$0004     4     4    vh_RepeatHiSamples
$0008     8     4    vh_SamplesPerHiCycle
$000c    12     2    vh_SamplesPerSec
$000e    14     1    vh_Octaves
$000f    15     1    vh_Compression
$0010    16     4    vh_Volume

```

### 1.329 WBArg

```

WBArg:
$0008     8    sizeof(WBArg)
$0000     0     4    wa_Lock
$0004     4     4    wa_Name

```

### 1.330 WBPatternPrefs

WBPatternPrefs:

|        |    |                        |
|--------|----|------------------------|
| \$0018 | 24 | sizeof(WBPatternPrefs) |
| \$0000 | 0  | 4 wbp_Reserved[0]      |
| \$0010 | 16 | 2 wbp_Which            |
| \$0012 | 18 | 2 wbp_Flags            |
| \$0014 | 20 | 1 wbp_Revision         |
| \$0015 | 21 | 1 wbp_Depth            |
| \$0016 | 22 | 2 wbp_DataLength       |

### 1.331 WBStartup

WBStartup:

|        |    |                   |
|--------|----|-------------------|
| \$0028 | 40 | sizeof(WBStartup) |
| \$0000 | 0  | 20 sm_Message     |
| \$0014 | 20 | 4 sm_Process      |
| \$0018 | 24 | 4 sm_Segment      |
| \$001c | 28 | 4 sm_NumArgs      |
| \$0020 | 32 | 4 sm_ToolWindow   |
| \$0024 | 36 | 4 sm_ArgList      |

### 1.332 Window

Window:

|        |     |                |
|--------|-----|----------------|
| \$0088 | 136 | sizeof(Window) |
| \$0000 | 0   | 4 NextWindow   |
| \$0004 | 4   | 2 LeftEdge     |
| \$0006 | 6   | 2 TopEdge      |
| \$0008 | 8   | 2 Width        |
| \$000a | 10  | 2 Height       |
| \$000c | 12  | 2 MouseY       |
| \$000e | 14  | 2 MouseX       |
| \$0010 | 16  | 2 MinWidth     |
| \$0012 | 18  | 2 MinHeight    |
| \$0014 | 20  | 2 MaxWidth     |
| \$0016 | 22  | 2 MaxHeight    |
| \$0018 | 24  | 4 Flags        |
| \$001c | 28  | 4 MenuStrip    |
| \$0020 | 32  | 4 Title        |
| \$0024 | 36  | 4 FirstRequest |
| \$0028 | 40  | 4 DMRequest    |
| \$002c | 44  | 2 ReqCount     |
| \$002e | 46  | 4 WScreen      |
| \$0032 | 50  | 4 RPort        |
| \$0036 | 54  | 1 BorderLeft   |
| \$0037 | 55  | 1 BorderTop    |
| \$0038 | 56  | 1 BorderRight  |
| \$0039 | 57  | 1 BorderBottom |
| \$003a | 58  | 4 BorderRPort  |
| \$003e | 62  | 4 FirstGadget  |
| \$0042 | 66  | 4 Parent       |

|        |     |   |             |
|--------|-----|---|-------------|
| \$0046 | 70  | 4 | Descendant  |
| \$004a | 74  | 4 | Pointer     |
| \$004e | 78  | 1 | PtrHeight   |
| \$004f | 79  | 1 | PtrWidth    |
| \$0050 | 80  | 1 | XOffset     |
| \$0051 | 81  | 1 | YOffset     |
| \$0052 | 82  | 4 | IDCMPFlags  |
| \$0056 | 86  | 4 | UserPort    |
| \$005a | 90  | 4 | WindowPort  |
| \$005e | 94  | 4 | MessageKey  |
| \$0062 | 98  | 1 | DetailPen   |
| \$0063 | 99  | 1 | BlockPen    |
| \$0064 | 100 | 4 | CheckMark   |
| \$0068 | 104 | 4 | ScreenTitle |
| \$006c | 108 | 2 | GZZMouseX   |
| \$006e | 110 | 2 | GZZMouseY   |
| \$0070 | 112 | 2 | GZZWidth    |
| \$0072 | 114 | 2 | GZZHeight   |
| \$0074 | 116 | 4 | ExtData     |
| \$0078 | 120 | 4 | UserData    |
| \$007c | 124 | 4 | WLayer      |
| \$0080 | 128 | 4 | IFont       |
| \$0084 | 132 | 4 | MoreFlags   |

### 1.333 XRef

XRef:

|        |    |              |
|--------|----|--------------|
| \$0020 | 32 | sizeof(XRef) |
| \$0000 | 0  | 14 xr_Node   |
| \$000e | 14 | 2 xr_Pad     |
| \$0010 | 16 | 4 xr_DF      |
| \$0014 | 20 | 4 xr_File    |
| \$0018 | 24 | 4 xr_Name    |
| \$001c | 28 | 4 xr_Line    |

### 1.334 \_Object

\_Object:

|        |    |                 |
|--------|----|-----------------|
| \$000c | 12 | sizeof(_Object) |
| \$0000 | 0  | 8 o_Node        |
| \$0008 | 8  | 4 o_Class       |

### 1.335 adtFrame

adtFrame:

|        |    |                 |
|--------|----|-----------------|
| \$0028 | 40 | sizeof(adtfame) |
| \$0000 | 0  | 4 MethodID      |
| \$0004 | 4  | 4 alf_TimeStamp |
| \$0008 | 8  | 4 alf_Frame     |
| \$000c | 12 | 4 alf_Duration  |

|        |    |   |                  |
|--------|----|---|------------------|
| \$0010 | 16 | 4 | alf_BitMap       |
| \$0014 | 20 | 4 | alf_CMap         |
| \$0018 | 24 | 4 | alf_Sample       |
| \$001c | 28 | 4 | alf_SampleLength |
| \$0020 | 32 | 4 | alf_Period       |
| \$0024 | 36 | 4 | alf_UserData     |

### 1.336 adtStart

```
adtStart:
  $0008      8  sizeof(adtStart)
  $0000      0   4  MethodID
  $0004      4   4  asa_Frame
```

### 1.337 bltnode

```
bltnode:
  $0012     18  sizeof(bltnode)
  $0000      0   4  n
  $0004      4   4  function
  $0008      8   1  stat
  $000a     10   2  blitsize
  $000c     12   2  beamsync
  $000e     14   4  cleanup
```

### 1.338 collTable

```
collTable:
  $0040     64  sizeof(collTable)
  $0000      0   4  collPtrs[0]
```

### 1.339 copinit

```
copinit:
  $00c0    192  sizeof(copinit)
  $0000      0   2  vsync_hblank[0]
  $0004      4   2  diagstrt[0]
  $001c     28   2  fm0[0]
  $0020     32   2  diwstart[0]
  $0034     52   2  bplcon2[0]
  $0038     56   2  sprfix[0]
  $0058     88   2  sprstrtup[0]
  $0098    152   2  wait14[0]
  $009c    156   2  norm_hblank[0]
  $00a0    160   2  jump[0]
  $00a4    164   2  wait_forever[0]
  $00b0    176   2  sprstop[0]
```

### 1.340 cprlist

```
cprlist:
  $000a    10  sizeof(cprlist)
  $0000     0   4  Next
  $0004     4   4  start
  $0008     8   2  MaxCount
```

### 1.341 dtDraw

```
dtDraw:
  $0024    36  sizeof(dtDraw)
  $0000     0   4  MethodID
  $0004     4   4  dtd_RPort
  $0008     8   4  dtd_Left
  $000c    12   4  dtd_Top
  $0010    16   4  dtd_Width
  $0014    20   4  dtd_Height
  $0018    24   4  dtd_TopHoriz
  $001c    28   4  dtd_TopVert
  $0020    32   4  dtd_AttrList
```

### 1.342 dtFrameBox

```
dtFrameBox:
  $0018    24  sizeof(dtFrameBox)
  $0000     0   4  MethodID
  $0004     4   4  dtf_GInfo
  $0008     8   4  dtf_ContentsInfo
  $000c    12   4  dtf_FrameInfo
  $0010    16   4  dtf_SizeFrameInfo
  $0014    20   4  dtf_FrameFlags
```

### 1.343 dtGeneral

```
dtGeneral:
  $0008     8  sizeof(dtGeneral)
  $0000     0   4  MethodID
  $0004     4   4  dtg_GInfo
```

### 1.344 dtGoto

```
dtGoto:
  $0010    16  sizeof(dtGoto)
  $0000     0   4  MethodID
  $0004     4   4  dtg_GInfo
  $0008     8   4  dtg_NodeName
  $000c    12   4  dtg_AttrList
```

---

### 1.345 dtPrint

```
dtPrint:
  $0010    16  sizeof(dtPrint)
  $0000     0    4  MethodID
  $0004     4    4  dtp_GInfo
  $0008     8    4  dtp_PIO
  $000c    12    4  dtp_AttrList
```

### 1.346 dtSelect

```
dtSelect:
  $0010    16  sizeof(dtSelect)
  $0000     0    4  MethodID
  $0004     4    4  dts_GInfo
  $0008     8    8  dts_Select
```

### 1.347 dtTrigger

```
dtTrigger:
  $0010    16  sizeof(dtTrigger)
  $0000     0    4  MethodID
  $0004     4    4  dtt_GInfo
  $0008     8    4  dtt_Function
  $000c    12    4  dtt_Data
```

### 1.348 dtWrite

```
dtWrite:
  $0014    20  sizeof(dtWrite)
  $0000     0    4  MethodID
  $0004     4    4  dtw_GInfo
  $0008     8    4  dtw_FileHandle
  $000c    12    4  dtw_Mode
  $0010    16    4  dtw_AttrList
```

### 1.349 gpGoInactive

```
gpGoInactive:
  $000c    12  sizeof(gpGoInactive)
  $0000     0    4  MethodID
  $0004     4    4  gpgi_GInfo
  $0008     8    4  gpgi_Abort
```

---



### 1.350 gpHitTest

```
gpHitTest :
  $000c    12  sizeof(gpHitTest)
  $0000    0   4  MethodID
  $0004    4   4  gpht_GInfo
  $0008    8   4  gpht_Mouse
  $0008    8   2  gpht_Mouse.X
  $000a   10   2  gpht_Mouse.Y
```

### 1.351 gpInput

```
gpInput :
  $0018    24  sizeof(gpInput)
  $0000    0   4  MethodID
  $0004    4   4  gpi_GInfo
  $0008    8   4  gpi_IEvent
  $000c   12   4  gpi_Termination
  $0010   16   4  gpi_Mouse
  $0010   16   2  gpi_Mouse.X
  $0012   18   2  gpi_Mouse.Y
  $0014   20   4  gpi_TabletData
```

### 1.352 gpLayout

```
gpLayout :
  $000c    12  sizeof(gpLayout)
  $0000    0   4  MethodID
  $0004    4   4  gpl_GInfo
  $0008    8   4  gpl_Initial
```

### 1.353 gpRender

```
gpRender :
  $0010   16  sizeof(gpRender)
  $0000    0   4  MethodID
  $0004    4   4  gpr_GInfo
  $0008    8   4  gpr_RPort
  $000c   12   4  gpr_Redraw
```

### 1.354 impDraw

```
impDraw :
  $0018    24  sizeof(impDraw)
  $0000    0   4  MethodID
  $0004    4   4  imp_RPort
  $0008    8   4  imp_Offset
```

---

|        |    |   |                       |
|--------|----|---|-----------------------|
| \$0008 | 8  | 2 | imp_Offset.X          |
| \$000a | 10 | 2 | imp_Offset.Y          |
| \$000c | 12 | 4 | imp_State             |
| \$0010 | 16 | 4 | imp_DrInfo            |
| \$0014 | 20 | 4 | imp_Dimensions        |
| \$0014 | 20 | 2 | imp_Dimensions.Width  |
| \$0016 | 22 | 2 | imp_Dimensions.Height |

### 1.355 impErase

```
impErase:
$0010 16 sizeof(impErase)
$0000 0 4 MethodID
$0004 4 4 imp_RPort
$0008 8 4 imp_Offset
$0008 8 2 imp_Offset.X
$000a 10 2 imp_Offset.Y
$000c 12 4 imp_Dimensions
$000c 12 2 imp_Dimensions.Width
$000e 14 2 imp_Dimensions.Height
```

### 1.356 impFrameBox

```
impFrameBox:
$0014 20 sizeof(impFrameBox)
$0000 0 4 MethodID
$0004 4 4 imp_ContentsBox
$0008 8 4 imp_FrameBox
$000c 12 4 imp_DrInfo
$0010 16 4 imp_FrameFlags
```

### 1.357 impHitTest

```
impHitTest:
$000c 12 sizeof(impHitTest)
$0000 0 4 MethodID
$0004 4 4 imp_Point
$0004 4 2 imp_Point.X
$0006 6 2 imp_Point.Y
$0008 8 4 imp_Dimensions
$0008 8 2 imp_Dimensions.Width
$000a 10 2 imp_Dimensions.Height
```

### 1.358 mouth\_rb

```
mouth_rb:
  $005c    92  sizeof(mouth_rb)
  $0000     0    88  voice
  $0058    88     1  width
  $0059    89     1  height
  $005a    90     1  shape
  $005b    91     1  sync
```

### 1.359 narrator\_rb

```
narrator_rb:
  $0058    88  sizeof(narrator_rb)
  $0000     0    48  message
  $0030    48     2  rate
  $0032    50     2  pitch
  $0034    52     2  mode
  $0036    54     2  sex
  $0038    56     4  ch_masks
  $003c    60     2  nm_masks
  $003e    62     2  volume
  $0040    64     2  sampfreq
  $0042    66     1  mouths
  $0043    67     1  chanmask
  $0044    68     1  numchan
  $0045    69     1  flags
  $0046    70     1  F0enthusiasm
  $0047    71     1  F0perturb
  $0048    72     1  Fladj
  $0049    73     1  F2adj
  $004a    74     1  F3adj
  $004b    75     1  Aladj
  $004c    76     1  A2adj
  $004d    77     1  A3adj
  $004e    78     1  articulate
  $004f    79     1  centralize
  $0050    80     4  centphon
  $0054    84     1  AVbias
  $0055    85     1  AFbias
  $0056    86     1  priority
  $0057    87     1  padl
```

### 1.360 opAddTail

```
opAddTail:
  $0008     8  sizeof(opAddTail)
  $0000     0    4  MethodID
  $0004     4    4  opat_List
```

### 1.361 opExpungeNode

```
opExpungeNode :
  $0008      8  sizeof(opExpungeNode)
  $0000      0   4  MethodID
  $0004      4   4  oen_Attrs
```

### 1.362 opFindHost

```
opFindHost :
  $001c      28  sizeof(opFindHost)
  $0000      0   4  MethodID
  $0004      4   4  ofh_Attrs
  $0008      8   4  ofh_Node
  $000c      12  4  ofh_TOC
  $0010      16  4  ofh_Title
  $0014      20  4  ofh_Next
  $0018      24  4  ofh_Prev
```

### 1.363 opGet

```
opGet :
  $000c      12  sizeof(opGet)
  $0000      0   4  MethodID
  $0004      4   4  opg_AttrID
  $0008      8   4  opg_Storage
```

### 1.364 opMember

```
opMember :
  $0008      8  sizeof(opMember)
  $0000      0   4  MethodID
  $0004      4   4  opam_Object
```

### 1.365 opNodeIO

```
opNodeIO :
  $001c      28  sizeof(opNodeIO)
  $0000      0   4  MethodID
  $0004      4   4  onm_Attrs
  $0008      8   4  onm_Node
  $000c      12  4  onm_FileName
  $0010      16  4  onm_DocBuffer
  $0014      20  4  onm_BuffLen
  $0018      24  4  onm_Flags
```

---

### 1.366 opSet

```
opSet:
  $000c    12  sizeof(opSet)
  $0000    0   4  MethodID
  $0004    4   4  ops_AttrList
  $0008    8   4  ops_GInfo
```

### 1.367 opUpdate

```
opUpdate:
  $0010    16  sizeof(opUpdate)
  $0000    0   4  MethodID
  $0004    4   4  opu_AttrList
  $0008    8   4  opu_GInfo
  $000c    12   4  opu_Flags
```

### 1.368 pmState

```
pmState:
  $0008    8   sizeof(pmState)
  $0000    0   4  pms_Method
  $0004    4   4  pms_OldState
```

### 1.369 pmTime

```
pmTime:
  $0008    8   sizeof(pmTime)
  $0000    0   4  pmt_Method
  $0004    4   4  pmt_Time
```

### 1.370 timerequest

```
timerequest:
  $0028    40  sizeof(timerequest)
  $0000    0   32  tr_node
  $0020    32   8  tr_time
```

### 1.371 timeval

```
timeval:
  $0008    8   sizeof(timeval)
  $0000    0   4  tv_secs
  $0004    4   4  tv_micro
```

---

### 1.372 CDTOC

```
CDTOC:
  $0006      6  sizeof(CDTOC)
  $0000      0    6  Summary
  $0000      0    6  Entry
```

### 1.373 LSNMSF

```
LSNMSF:
  $0004      4  sizeof(LSNMSF)
  $0000      0    4  MSF
  $0000      0    4  LSN
```

### 1.374 colorEntry

```
colorEntry:
  $0004      4  sizeof(colorEntry)
  $0000      0    4  colorLong
  $0000      0    1  colorByte[0]
  $0000      0    1  colorSByte[0]
```

### 1.375 printerIO

```
printerIO:
  $003e     62  sizeof(printerIO)
  $0000      0   48  ios
  $0000      0   62  iodrp
  $0000      0   38  iopc
```