

Structure Offsets

COLLABORATORS

	<i>TITLE :</i> Structure Offsets		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

Structure Offsets

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Amiga Structure Offsets
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|       |   |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|---|
| 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          |       | ntp_  |
| dtSelect         |       | nts_  |
| DTSpecialInfo    |       | si_   |
| dtTrigger        |       | dt_   |
| 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_   |
| INewTablet      |              | 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_ |
| IOArray         | (PTERMARRAY) |       |
| IOPrtCmdReq     |              | io_   |
| IORequest       |              | IO_   |
| IORPReq         |              | io_   |
| IOStdReq        | (IO)         | IO_   |
| IOArray         | (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)
```

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---

|        |     |   |          |
|--------|-----|---|----------|
| \$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 | bltcon0l |
| \$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   |

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|        |     |    |           |
|--------|-----|----|-----------|
| \$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  | dru_Message              |
| \$0014 | 20 | dru_DiscBlock            |
| \$002a | 42 | dru_DiscSync             |
| \$0040 | 64 | dru_Index                |

## 1.107 DiskFontHeader

DiskFontHeader:

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

## 1.108 DiskObject

DiskObject:

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

## 1.109 DisplayInfo

DisplayInfo:

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

```
NVEEntry:
$0014    20    sizeof(NVEEntry)
$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 RDArgs

```

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

## 1.279 SatisfyMsg

SatisfyMsg:

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

## 1.280 Screen

Screen:

|        |     |                |
|--------|-----|----------------|
| \$015a | 346 | sizeof(Screen) |
| \$0000 | 0   | NextScreen     |
| \$0004 | 4   | FirstWindow    |
| \$0008 | 8   | LeftEdge       |
| \$000a | 10  | TopEdge        |
| \$000c | 12  | Width          |
| \$000e | 14  | Height         |
| \$0010 | 16  | MouseY         |
| \$0012 | 18  | 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   | WBorTop      |
| \$0024 | 36  | 1   | WBorLeft     |
| \$0025 | 37  | 1   | WBorRight    |
| \$0026 | 38  | 1   | WBorBottom   |
| \$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           |