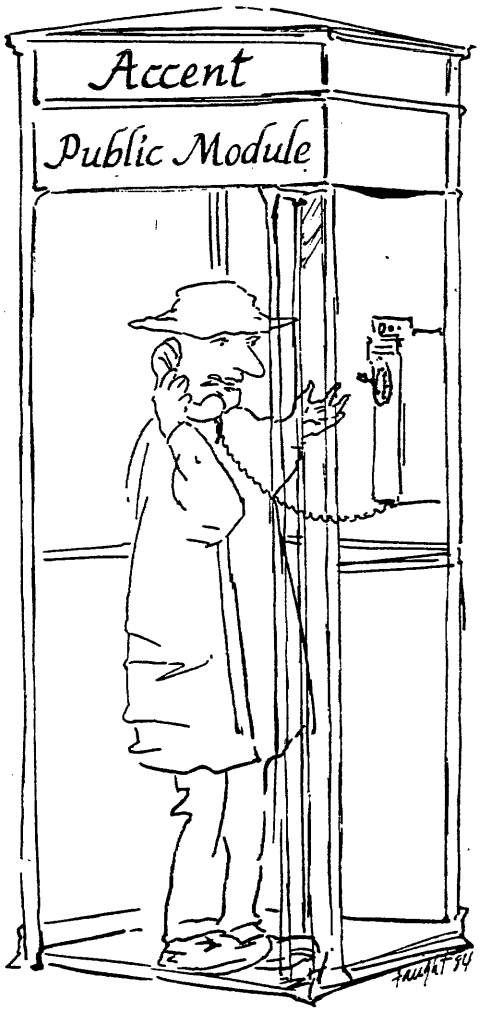
CARNEGIE-MELLON UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

SPICE PROJECT

Accent Public Module Index

Spice Project



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Accent Public Module Index

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Definitions:

Abort [*Except*] exception(Message: String)
AbsoluteDef [*CFileDefs*] const = 13
AbsoluteLocalDef [*CFileDefs*] const = 14
Accent_Version [*AccInt*] function(ServPort: port; AccVersion: DevPartString): GeneralReturn
AccentError [*Dynamic*] exception(R: GeneralReturn; M: String)
AccentVersion [*Dynamic*] const = True
AccErr [*AccentType*] const = 100
Access_Rights [*SesDiskDefs*] type = integer
AddExtension [*PathName*] procedure(var fileName: Path_Name; Extension: String)
AddSearchWord [*CommandParse*] procedure(table: pWord_Search_Table; WordKey: integer; WordString: Cmnd_String)
Adjust [*Spice_String*] procedure(var Str: PString; Len: Integer)
All_Read_Access [*SesDiskDefs*] const = #100
All_Write_Access [*SesDiskDefs*] const = #200
AllocatePort [*AccInt*] function(ServPort: port; var LocalPort: Port; BackLog: Integer): GeneralReturn
AllocCommandNode [*CommandParse*] function(WordClass: Word_Type; WordString: Cmnd_String): pCommand_Word_List
ALLPORTS [*AccentType*] const = -1
ALLPTS [*AccentType*] const = 1
ALoadError [*ALoad*] exception(s: string_255)
AlwaysEof [*CommandParse*] procedure(var ChPool: pCharacter_Pool; var PoolLength: Char_Pool_Index)
APath_Name [*SesameDefs*] type = string[Path_Name_Size]
AppendChar [*Spice_String*] procedure(var Str: PString; c: Char)
AppendString [*Spice_String*] procedure(var Str1: PString; Str2: PString)

ArcCos [*RealFunctions*] function(X: Real): Real
ArcCosLarge [*RealFunctions*] exception(X: Real)
ArcSin [*RealFunctions*] function(X: Real): Real
ArcSinLarge [*RealFunctions*] exception(X: Real)
ArcTan [*RealFunctions*] function(X: Real): Real
ArcTan2 [*RealFunctions*] function(Y, X: Real): Real
ArcTan2Zero [*RealFunctions*] exception(Y, X: Real).
Arguments [*AccentType*] type = record ReturnValue: GeneralReturn; case integer of 1: (Msg: ptrMsg; MaxWait: long; Option: integer; PtOption: integer); 2: (Ports: ptrPortBitArray; MsgType: long); 3: (SrcAddr: VirtualAddress; DstAddr: VirtualAddress; NumWords: long; Delete: boolean; Create: boolean; Mask: long; DontShare: boolean); 4: (NumCmds: integer; GPIBBuffer: GPBuffer); 5: (NormalOrEmergency: boolean; EnableOrDisable: boolean); 6: (SleepID: long); 7: (RectPort: Port; X1: integer; Y1: integer; X2: integer; Y2: integer; Kind: integer); 8: (SrcRect: Port; DstRect: Port; Action: integer; Height: integer; Width: integer; SrcX: integer; SrcY: integer; DstX: integer; DstY: integer); 9: (Rect: Port; FontRect: Port; Funct: integer; FirstX: integer; FirstY: integer; MaxX: integer; FirstChar: integer; MaxChar: integer; StrPtr: Pointer; Rslt: integer); 10: (LockDoLock: boolean; LockPortPtr: ptrLPortArray; LockPortCnt: long); 11: (MsgWType: long; MsgWPortPtr: ptrLPortArray; MsgWPortCnt: long) end
ARunLoad [*ALoad*] procedure(RunFileName: Path_Name; p: pointer; filesize: long; hiskport: port; LoadDebug: boolean)
ASKUSER [*SapphDefs*] const = -32005
ASTInconsistency [*AccentType*] const = AccErr + 46
ASTRecord [*BootInfo*] type = integer
ASyncIO [*IO*] procedure(ServPort: ServerIOPort; Command: IOCommand; CmdBlk: Pointer; CmdBlk_Cnt: long; DataBuf: Pointer; DataBuf_Cnt: long; DataTransferCnt: Long; TimeOut: Long)
Auth_Error_Base [*AuthDefs*] const = 5000
Auth_Var [*AuthDefs*] type = String[Auth_Var_Size]
Auth_Var_Size [*AuthDefs*] const = 30
AuthorizationServerGone [*SesDiskDefs*] const = SesDisk_Error_Base + 3
AuthPortIncorrect [*AuthDefs*] const = Auth_Error_Base + 3
AvailableVM [*AccInt*] function(ServPort: port; var NumBytes: Long): GeneralReturn
BackLogValue [*AccentType*] type = 0..MAXBACKLOG
BadAlignment [*Dynamic*] exception
BadBase [*Stream*] exception(FileName: SName; Base: Integer)
BadCreateMask [*AccentType*] const = AccErr + 52
BadDateTime [*Time*] exception
BadExit [*Except*] exception
BadHeap [*Dynamic*] exception(H: HeapNumber)
BadHeapNumber [*Dynamic*] const = 0
BadIdTable [*Stream*] exception(FileName: SName)
BadIPCName [*AccentType*] const = AccErr + 19
BadKernelMsg [*AccentType*] const = AccErr + 27
BadMsg [*AccentType*] const = AccErr + 22
BADMSGID [*AccentType*] const = 1
BadMsgType [*AccentType*] const = AccErr + 18
BadName [*SesameDefs*] const = Sesame_Error_Base + 4
BadPartitionName [*SesDiskDefs*] const = SesDisk_Error_Base + 1
BadPartitionType [*SesDiskDefs*] const = SesDisk_Error_Base + 2
BadPatterns [*PMatch*] exception
BadPointer [*Dynamic*] exception
BadPriority [*AccentType*] const = AccErr + 30
BadRectangle [*AccentType*] const = AccErr + 53
BADREPLY [*AccentType*] const = 3
BadRights [*AccentType*] const = AccErr + 8

BadSearchlistSyntax [*EnvMgrDefs*] const = Env_Error_Base + 3
BadSegment [*AccentType*] const = AccErr + 34
BadSegType [*AccentType*] const = AccErr + 33
BadTrap [*AccentType*] const = AccErr + 31
BadVPTable [*AccentType*] const = AccErr + 39
BadWildName [*SesameDefs*] const = Sesame_Error_Base + 7
BaseType [*SymDefs*] type = (T_Unknown, T_Char, T_Boolean, T_Integer, T_Enumerated, T_Real, T_Long, T_Pointer, T_Var, T_Routine, T_File, T_String, T_Set, T_Record, T_Array, T_Unused)
BIRecord [*BootInfo*] type = packed record case integer of 1: (IntBlk: array[0..255] of integer); 2: (OvlTable: array[0..11] of VirtualAddress; VP: VirtualAddress; PV: VirtualAddress; PVList: VirtualAddress; Sector: VirtualAddress; PCB: VirtualAddress; AST: VirtualAddress; AccentQueue: VirtualAddress; AccentFont: VirtualAddress; AccentCursor: VirtualAddress; AccentScreen: VirtualAddress; ScreenSize: integer; FreeVP: integer; FreeAST: integer; SchedProc: integer; InitProc: integer; BootChar: integer; NumProc: integer; StackSize: integer; GlobalSize: integer; NumSVReg: integer; TrapCode: integer; TrapArgs: VirtualAddress; MemBoard: integer; AccentStdCursor: VirtualAddress; AccentRoTemp: VirtualAddress; DefaultPartitionName: String[19]; IgnoreRunFile: Boolean; MachineInfo: MachineInfoRec; Filler: array[0..49 – WordSize(AstRecord)] of integer; FirstAst: ASTRecord; EtherIOArea: VirtualAddress; UserPtr: VirtualAddress; SVContext: record SV_CS: integer; SV_GP: integer; SV_LP: integer; SV_LocalSize: integer; SV_TrapCount: integer; SV_FirstRN: integer; SV_PC_Vector: array[0..121] of integer end) end
Bit1 [*AccentType*] type = 0..1
Bit10 [*AccentType*] type = 0..1023
Bit11 [*AccentType*] type = 0..2047
Bit12 [*AccentType*] type = 0..4095
Bit13 [*AccentType*] type = 0..8191
Bit14 [*AccentType*] type = 0..16383
Bit15 [*AccentType*] type = 0..32767
Bit16 [*AccentType*] type = integer
Bit2 [*AccentType*] type = 0..3
Bit3 [*AccentType*] type = 0..7
Bit32 [*AccentType*] type = packed record case integer of 1: (DblWord: array[0..1] of integer); 3: (Bit32Ptr: pBit32); 4: (AnyPtr: pointer); 5: (Byte: packed array[0..3] of Bit8); 6: (PageOffset: Bit8; LswPage: Bit8; MswPage: Bit16); 7: (Lng: Long); 8: (Blk: integer; Index: Bit12; Imag: Bit4); 13: (Field4: Bit8; Field3: Bit8; Field2: Bit8; Field1: Bit7; Field0: Bit1); 14: (Word0: Bit16; Word1: Bit16); 15: (Byte0: Bit8; Byte1: Bit8; Byte2: Bit8; Byte3: Bit8); end
Bit4 [*AccentType*] type = 0..15
Bit5 [*AccentType*] type = 0..31
Bit6 [*AccentType*] type = 0..63
Bit64 [*AccentType*] type = record lsw: long; msw: long; end
Bit7 [*AccentType*] type = 0..127
Bit8 [*AccentType*] type = 0..255
Bit9 [*AccentType*] type = 0..511
BitTable [*Spice_String*] type = set of Char
BlankStarString [*SaltError*] const = ''
BootBlockLocation [*BootInfo*] const = #20000000000
BorderOverhead [*SapphDefs*] const = 5
BOTTOM [*SapphDefs*] const = 32000
BreakKind [*Spice_String*] type = set of BreakType
BreakPointTrap [*AccentType*] const = AccErr + 45
BreakRecord [*Spice_String*] type = record Breakers: set of Char; Omitters: set of Char; Flags: BreakKind end
BreakTable [*Spice_String*] type = ↑BreakRecord
BreakType [*Spice_String*] type = (Append, Retain, Skip, FoldUp, FoldDown, Inclusive, Exclusive)
BusyRectangle [*AccentType*] const = AccErr + 57

ByteSizeOfAbsoluteLocalSymbol [*CFileDefs*] function(var sym: string): long
ByteSizeOfAbsoluteSymbol [*CFileDefs*] function(var sym: string): long
ByteSizeOfLibrarySymbol [*CFileDefs*] function(var libname: string): long
CantFork [*AccentType*] const = AccErr + 29
Cat3 [*Spice_String*] function(Str1, Str2, Str3: pstring): pstring
Cat4 [*Spice_String*] function(Str1, Str2, Str3, Str4: pstring): pstring
Cat5 [*Spice_String*] function(Str1, Str2, Str3, Str4, Str5: pstring): pstring
Cat6 [*Spice_String*] function(Str1, Str2, Str3, Str4, Str5, Str6: pstring): pstring
cChCmd [*SapphDefs*] const = 0
cdBlueDown [*SapphFileDefs*] const = 258
cdBlueUp [*SapphFileDefs*] const = 262
cdDiffPosResponse [*SapphFileDefs*] const = 267
cdGreenDown [*SapphFileDefs*] const = 259
cdGreenUp [*SapphFileDefs*] const = 263
cdListener [*SapphFileDefs*] const = 269
cdNoEvent [*SapphFileDefs*] const = 268
cdPosResponse [*SapphFileDefs*] const = 266
cdRegionExit [*SapphFileDefs*] const = 264
cdTimeout [*SapphFileDefs*] const = 265
cdWhiteDown [*SapphFileDefs*] const = 257
cdWhiteUp [*SapphFileDefs*] const = 261
cdYellowDown [*SapphFileDefs*] const = 256
cdYellowUp [*SapphFileDefs*] const = 260
CF_IOBoard [*Configuration*] function: Cf_IOBoardType
Cf_IOBoardType [*Configuration*] type = (Cf_CIO, Cf_EIO)
Cf_Monitor [*Configuration*] function: Cf_MonitorType
Cf_MonitorType [*Configuration*] type = (Cf_Landscape, Cf_Portrait)
Cf_Network [*Configuration*] function: Cf_NetworkType
Cf_NetworkType [*Configuration*] type = (Cf_CMUNet, Cf_10MBitNet)
Cf_OldZ80 [*Configuration*] function: Boolean
CFileVersion [*CFileDefs*] const = -4
ChainHead [*CFileDefs*] const = 12
ChangeExtensions [*PathName*] procedure(var Name: Path_Name; EList: Extension_List; NewExt: string)
ChangeUserParams [*Auth*] function(ServPort: Port; UserName: Auth_Var; CurrentPassword: Auth_Var; ChangePassword: Boolean; NewPassword: Auth_Var; NewProfile: APath_Name; NewShell: APath_Name): GeneralReturn
Char_Pool_Index [*CommandDefs*] type = long
Character_Pool [*CommandDefs*] type = packed array[0..0] of char
ChArray [*Stream*] type = packed array[1..1] of char
Check_Type [*AuthDefs*] type = (Check_Login, Check_User)
CheckHeap [*Dynamic*] procedure(S: HeapNumber)
CheckIn [*MsgN*] function(ServPort: Port; PortsName: string; Signature: Port; PortsID: Port): GeneralReturn
CheckOut [*MsgN*] function(ServPort: Port; PortsName: string; Signature: Port): GeneralReturn
CheckUser [*Auth*] function(ServPort: Port; UserName: Auth_Var; PassWord: Auth_Var; var UserRec: UserRecord): GeneralReturn
CImpInfo [*Code*] type = record case boolean of true: (ModuleName: SNArray; FileName: FNString); false: (Ary: array[0..0] of integer) end
CImpInfo [*SegDefs*] type = record case boolean of true: (ModuleName: SNArray; FileName: FNString); false: (Ary: array[0..0] of integer) end
CLoadNotCFile [*Cload*] const = -1
CLoadProcess [*Cload*] function(FileName: APath_Name; var FileInMem: pointer; var FileSize: long; Proc: Port; LoadDebug: Boolean): GeneralReturn

CloseIO [*IO*] function(ServPort: ServerIOPort): GeneralReturn
Cmd_EmptyCmdLine [*ExtraCmdParse*] const = -3
Cmd_NotFound [*ExtraCmdParse*] const = WS_NotFound
Cmd_NotInsMaybeSwitches [*ExtraCmdParse*] const = -4
Cmd_NotUnique [*ExtraCmdParse*] const = WS_NotUnique
Cmd_SomeError [*ExtraCmdParse*] const = -5
CmdChar [*CommandParse*] const = Chr(#200+24)
CmdFileChar [*CommandParse*] const = Chr(#200+26)
CmdParse_Error_Base [*CommandDefs*] const = 4200
Cmnd_String [*CommandParse*] type = String[MaxCmndString]
cNoCmd [*SapphDefs*] const = 1
CNTRLOOPS [*SapphFileDefs*] const = #225
CodeVersion [*Code*] const = '1.14'
command_file_leadin_char [*CommandParse*] const = '
Command_File_List [*CommandParse*] type = RECORD cmdFile: Text; isCharDevice: Boolean; next: pCommand_File_List; END
Command_Word_List [*CommandParse*] type = packed record ptrWordString: pWord_String; DeallocWordString: boolean; case WordClass: Word_Type of in_arg, out_arg, command_file: (NextArg: pCommand_Word_List); switch_arg: (NextSwitch: pCommand_Word_List; ValueOfSwitch: pCommand_Word_List; CorrespondingArg: pCommand_Word_List); switch_value: (); end
CommandBlock [*CommandDefs*] type = record WordCount: long; WordDirIndex: Char_Pool_Index; WordArrayPtr: pCharacter_Pool; WordArray_Cnt: Char_Pool_Index; end
CommandParseVersion [*CommandParse*] const = '5.7 of 3 Jun 84'
comment_leadin_char [*CommandParse*] const = '#'
CommentLen [*Code*] const = 80
CommentLen [*SegDefs*] const = 80
CompactIcons [*Sapph*] procedure(ServPort: Window)
CompletePathName [*PathName*] function(var WildPathName: Wild_Path_Name; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; var Cursor: integer): long
ComputeProgress [*WindowUtils*] procedure(Current, Max: Long)
Concat [*Spice_String*] function(Str1, Str2: PString): PString
Confirm_NO [*ExtraCmdParse*] const = 2
Confirm_Switches [*ExtraCmdParse*] const = 3
Confirm_YES [*ExtraCmdParse*] const = 1
ConfirmUser [*Auth*] function(ServPort: Port; UserAuthPort: Port; var UserID: User_ID; var UserMachineName: Auth_Var): GeneralReturn
ConnectionInheritance [*Spawn*] type = (NewOne, Given, GivenReg)
ControlChar [*Stream*] type = 0..#37
ConvertPoolToString [*CommandParse*] function(ChPool: pCharacter_Pool; FirstChar: Char_Pool_Index; StringLength: Char_Pool_Index): Cmnd_String
ConvertStringToPool [*CommandParse*] procedure(CnvStr: Cmnd_String; var ChPool: pCharacter_Pool; var PoolLength: Char_Pool_Index)
ConvUpper [*Spice_String*] procedure(var Str: PString)
CopyEnvConnection [*EnvMgr*] function(ServPort: Port; OldConnection: Port; var NewConnection: port): GeneralReturn
Cos [*RealFunctions*] function(X: Real): Real
CosH [*RealFunctions*] function(x: real): real
CosHLarge [*RealFunctions*] exception(X: Real)
CosLarge [*RealFunctions*] exception(X: Real)
CoTan [*RealFunctions*] function(X: Real): Real
CoveredRectangle [*AccentType*] const = AccErr+56
CreateHeap [*Dynamic*] function: HeapNumber

CreateProcess [*AccInt*] function(ServPort: port; var HisKernelPort: port; var HisDataPort: port): GeneralReturn

CreateRectangle [*AccInt*] function(ServPort: port; RectPort: port; BaseAddr: VirtualAddress; ScanWidth: Integer; BaseX: Integer; BaseY: Integer; MaxX: Integer; MaxY: Integer; IsFont: Boolean): GeneralReturn

CreateSegment [*AccInt*] function(ServPort: port; ImagSegPort: port; SegmentKind: SpiceSegKind; InitialSize: Integer; MaxSize: Integer; Stable: Boolean; var Segment: SegID): GeneralReturn

CreateWindow [*Sapph*] function(ServPort: Window; fixedPosition: boolean; var leftx: integer; var topy: integer; fixedSize: boolean; var width: integer; var height: integer; hasTitle: boolean; hasborder: boolean; title: TitStr; var progName: ProgStr; hasIcon: boolean; var vp: Viewport): Window

CRLFConvention [*SysType*] const = false

CursorArrayRec [*SapphFileDefs*] type = record firstBlock: Packed Record numCursors: Integer; filler: Integer; offsets: Array[0..126] of record x: Integer; y: Integer; End; End; cursors: array[0..0] of PatternMap; end

CursorFunction [*SapphDefs*] type = (cfScreenOff, cfBroken, cfOR, cfXOR, cfCursorOff)

CursorSet [*SapphDefs*] type = LONG

CVD [*Spice_String*] function(Str: PString): integer

CVH [*Spice_String*] function(Str: PString): integer

CVHS [*Spice_String*] function(I: integer): PString

CVHSS [*Spice_String*] function(I: integer; W: integer): PString

CvInt [*Spice_String*] function(Str: PString; R: integer): integer

CvL [*Spice_String*] function(Str: PString; Radix: integer): long

CvLS [*Spice_String*] function(I: long; W: integer; Radix: integer; Fill: Pstring): Pstring

CVN [*Spice_String*] function(I: integer; W: integer; B: integer; Fill: Pstring): Pstring

CVO [*Spice_String*] function(Str: PString): integer

CVOS [*Spice_String*] function(I: integer): Pstring

CVOSS [*Spice_String*] function(I: integer; W: integer): Pstring

CVS [*Spice_String*] function(I: integer): Pstring

CVSS [*Spice_String*] function(I: integer; W: integer): Pstring

CvUp [*Spice_String*] function(Str: PString): PString

Data2State [*CFileDefs*] const = 2

Data_Format [*SesameDefs*] type = long

DATAPORT [*AccentType*] const = 2

DataState [*CFileDefs*] const = 1

Date_Fields [*TimeDefs*] type = packed record Year: integer; Month: 1..12; Day: 1..31; Weekday: 0..6; end

DateString [*ALoad*] function(date: Internal_Time): String

DeallocatePort [*AccInt*] function(ServPort: port; LocalPort: Port; Reason: Long): GeneralReturn

DeAllocIconVP [*Sapph*] procedure(ServPort: Window)

DebugMessage [*ProcMgrDefs*] type = record Head: Msg; tKPort: TypeType; KPort: Port; tArg1: TypeType; Arg1: Long; tArg2: TypeType; Arg2: Long; end

DEFAULTBACKLOG [*AccentType*] const = 0

DefaultInputName [*Stream*] var: STRING[255]

DefaultOutputName [*Stream*] var: STRING[255]

DEFAULTPTS [*AccentType*] const = 0

DefHeapSize [*Code*] const = #4

DefIncHeap [*Code*] const = #4

DefIncStack [*Code*] const = #4

DefinedGlobal [*CFileDefs*] const = InitializedSymbol

DefinedLocal [*CFileDefs*] const = LocalLabel

DefineFullSize [*Sapph*] procedure(ServPort: Window; exceptW: Window)

DefStackSize [*Code*] const = #20

DeleteChars [*Spice_String*] procedure(Var Str: PString; Index, Size: Integer)

DeleteRegion [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer)
DeleteSearchWord [*CommandParse*] procedure(table: pWord_Search_Table; WordString: Cmnd_String)
DeleteWindow [*Sapph*] procedure(ServPort: Window)
DensityType [*IODefs*] type = (SingleDensity, DoubleDensity)
Deposit [*AccInt*] function(ServPort: port; RegOrStack: Boolean; Index: Integer; Value: Integer): GeneralReturn
DestroyChPool [*CommandParse*] procedure(var ChPool: pCharacter_Pool; var PoolLength: Char_Pool_Index)
DestroyCommandList [*CommandParse*] procedure(var argList: pCommand_Word_List)
DestroyCommandParse [*CommandParse*] procedure
DestroyHeap [*Dynamic*] procedure(S: HeapNumber)
DestroyRectangle [*AccInt*] function(ServPort: port; RectPort: port): GeneralReturn
DestroyRegions [*ViewPt*] procedure(ServPort: Viewport)
DestroySearchTable [*CommandParse*] procedure(var table: pWord_Search_Table)
DestroySegment [*AccInt*] function(ServPort: port; Segment: SegID): GeneralReturn
DestroyViewport [*ViewPt*] procedure(ServPort: Viewport)
DestroyVPCursors [*ViewPt*] procedure(ServPort: CursorSet)
DevPartString [*AccentType*] type = string[MAXDPCHARS]
DForm_16_Bit [*SesameDefs*] const = 16
DForm_32_Bit [*SesameDefs*] const = 32
DForm_36_Bit [*SesameDefs*] const = 36
DForm_8_Bit [*SesameDefs*] const = 8
DForm_CRLF_Text [*SesameDefs*] const = #413
DForm_LF_Text [*SesameDefs*] const = #410
DForm_Press [*SesameDefs*] const = #1000
DForm_Unspecified [*SesameDefs*] const = 0
Dir_Separator [*SesameDefs*] const = '/'
DirectIO [*AccInt*] function(ServPort: port; var CmdBlk: DirectIOArgs; var DataHdr: Header; var Data: DiskBuffer): GeneralReturn
DirectIOArgs [*AccentType*] type = Record IOStatus: Integer; UnitNumber: Integer; PhysAddress: Long; Command: DirIOCommands; end
DirectoryNotEmpty [*SesameDefs*] const = Sesame_Error_Base + 3
DirectoryNotFound [*SesameDefs*] const = Sesame_Error_Base + 2
DirIOCommands [*AccentType*] type = (DirIOInit, DirIORead, DirIOWrite, DirIOReadCheck, DirIOWriteCheck, DirIOTrackRead, DirIOTrackWrite, DirIOParamRead, DirIOBootRead, DirIOBootWrite, DirIOClose)
DisablePrivs [*PascalInit*] function(Proc: PORT): GeneralReturn
DiskAddr [*AccentType*] type = packed record case integer of 1: (lng: long); 2: (byte: packed array[0..3] of Bit8) end
DiskBuffer [*AccentType*] type = Packed Array[0..DISKBUFSIZE*2 – 1] of Bit8
DISKBUFSIZE [*AccentType*] const = PAGEBYTESIZE div 2
DiskErr [*AccentType*] const = AccErr + 32
DiskInterface [*AccentType*] type = (EIO, CIO, FlopDrives, MultiBus, Enet)
DiskParams [*AccentType*] type = Record DskBootSize: Integer; DskSectors: Integer; DskNumHeads: Integer; DskNumCylinders: Integer; DskSecCyl: Long; Case HDiskType: DiskType of D5Inch: (WriteCompCyl: Integer; LandingZone: Integer); D14Inch: (c24MByte: Boolean); End
DiskType [*AccentType*] type = (DUnused, D5Inch, D14Inch, D8Inch, DSMD, DFloppy)
DisposeP [*Dynamic*] procedure(var Where: pointer; L: integer)
DivZero [*Except*] exception
DONTCARE [*SapphDefs*] const = –32004
DONTWAIT [*AccentType*] const = 1
DstryCmdFiles [*CommandParse*] procedure(var inF: pCommand_File_List)

Dummy [*AccentType*] const = AccErr + 0
Dump [*Except*] exception(Message: String)
DynamicVersion [*Dynamic*] const = '1.0'
DynDebug [*Dynamic*] const = false
DynPrint [*Dynamic*] const = false
DynStats [*Dynamic*] procedure(Tr, Dump: boolean)
E10Address [*Ether10Defs*] type = record High: integer; Mid: integer; Low: integer end
E10ByteCount [*Ether10Defs*] const = 3002
E10ByteData [*Ether10Defs*] type = packed array[0..1499] of 0..255
E10BytesInHeader [*Ether10Defs*] const = 14
E10CharData [*Ether10Defs*] type = packed array[0..1499] of char
E10CRC [*Ether10Defs*] const = 3005
E10FilterType [*Ether10Defs*] type = E10Type
E10GetAdd [*Net10MB*] function(ServPort: E10Port; var Addr: E10Address): GeneralReturn
E10IntegerData [*Ether10Defs*] type = packed array[0..749] of integer
E10LongData [*Ether10Defs*] type = packed array[0..374] of long
E10MaxDataBytes [*Ether10Defs*] const = 1500
E10Message [*Ether10Defs*] type = record Head: Msg; Body: array[0..123] of integer; end
E10MinDataBytes [*Ether10Defs*] const = 46
E10NoFreeStructures [*Net10MB*] exception
E10NoNet [*Ether10Defs*] const = 3003
E10OK [*Ether10Defs*] const = 3000
E10Packet [*Ether10Defs*] type = packed record Dest: E10Address; Src: E10Address; PType: E10Type; case integer of 1: (BData: E10ByteData); 2: (CData: E10CharData); 3: (IData: E10IntegerData); 4: (LData: E10LongData); end
E10Port [*Ether10Defs*] type = Port
E10PortClear [*Net10MB*] function(ServPort: E10Port; PacketPort: E10Port): GeneralReturn
E10Receive [*Ether10Defs*] exception(ServPort: E10Port; Buff: pE10Packet; NumBytes: long)
E10RecvFailed [*Net10MB*] exception(Why: Integer)
E10RetVal [*Ether10Defs*] type = integer
E10Send [*Net10MB*] function(ServPort: E10Port; Buff: pE10Packet; Buff_Cnt: long): GeneralReturn
E10SendError [*Ether10Defs*] const = 3004
E10SendFailed [*Net10MB*] exception(Why: Integer)
E10SetFilter [*Net10MB*] function(ServPort: E10Port; PacketPort: E10Port; Which: E10FilterType): GeneralReturn
E10TimeOut [*Ether10Defs*] const = 3001
E10Type [*Ether10Defs*] type = integer
E10TypeClear [*Net10MB*] function(ServPort: E10Port; Which: E10FilterType): GeneralReturn
E10WordsInHeader [*Ether10Defs*] const = 7
EBadReply [*EtherUser*] exception
ELevel1Abort [*SaphEmrExceptions*] exception
ELevel1Debug [*SaphEmrExceptions*] exception
ELevel2Abort [*SaphEmrExceptions*] exception
ELevel3Abort [*SaphEmrExceptions*] exception
EMERGENCYMSG [*AccentType*] const = 1
EmergMsg [*Except*] exception
EMPort [*PascalInit*] var: port
EnableInput [*ViewPt*] procedure(ServPort: Viewport; keytrantab: VPStr255; timeout: integer)
EnableNotifyExceptions [*ViewPt*] procedure(ServPort: Viewport; notifyPort: Port; changed: boolean; exposed: boolean)
EnablePrivs [*PascalInit*] function(Proc: PORT): GeneralReturn
EnableRectangles [*AccInt*] function(ServPort: port; RectList: PtrPortArray; RectList_Cnt: long; Enable: Boolean): GeneralReturn

EnableWinListener [*Sapph*] procedure(ServPort: Window; abortPort: Port; keytranTab: VPStr255; timeOut: integer)
Entry_All [*SesameDefs*] const = 0
Entry_Data [*SesameDefs*] type = record case Entry_Type of Entry_File: (); Entry_Directory: (); Entry_Port: (EDPort: Port); # 400: (EDBytes: packed array[0..255] of bit8); # 401: (EDWords: array[0..127] of integer); # 402: (EDLongs: array[0..63] of long); # 403: (EDString: string[255]); end
Entry_Directory [*SesameDefs*] const = 2
Entry_File [*SesameDefs*] const = 1
Entry_Foreign [*SesDiskDefs*] const = 6
Entry_List [*SesameDefs*] type = ↑Entry_List_Array
Entry_List_Array [*SesameDefs*] type = array[0..0] of Entry_List_Record
Entry_List_Record [*SesameDefs*] type = record EntryName: Entry_Name; EntryVersion: long; EntryType: Entry_Type; NameStatus: Name_Status; end
Entry_Name [*SesameDefs*] type = string[Entry_Name_Size]
Entry_Name_Size [*SesameDefs*] const = 80
Entry_Port [*SesameDefs*] const = 3
Entry_RESERVED [*SesameDefs*] type = 4.. # 377
Entry_Type [*SesameDefs*] type = 0.. # 77777
Entry_UserDefined [*SesameDefs*] type = # 400.. # 77777
Env_Element [*EnvMgrDefs*] type = string[Env_Element_Size]
Env_Element_Array [*EnvMgrDefs*] type = array[0..0] of Env_Element
Env_Element_Size [*EnvMgrDefs*] const = 255
Env_Error_Base [*EnvMgrDefs*] const = 1600
env_quoted_bracket_char [*CommandParse*] const = '"'
Env_Scan_Array [*EnvMgrDefs*] type = array[0..0] of Env_Scan_Record
Env_Scan_List [*EnvMgrDefs*] type = ↑Env_Scan_Array
Env_Scan_Record [*EnvMgrDefs*] type = record VarName: Env_Var_Name; VarType: Env_Var_Type; VarScope: Env_Var_Scope; end
env_var_bracket_char [*CommandParse*] const = '↑'
Env_Var_Name [*EnvMgrDefs*] type = string[Env_VarName_Size]
Env_Var_Scope [*EnvMgrDefs*] type = (Env_Normal, Env_Local, Env_Global)
Env_Var_Type [*EnvMgrDefs*] type = (Env_String, Env_SearchList)
Env_Variable [*EnvMgrDefs*] type = ↑Env_Element_Array
Env_VarName_Size [*EnvMgrDefs*] const = Entry_Name_Size
EnvCompletePathName [*PathName*] function(EnvConnection: Port; var WildPathName: Wild_Path_Name; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; var Cursor: integer): long
EnvDisconnect [*EnvMgr*] function(ServPort: Port): GeneralReturn
EnvFindWildPathnames [*PathName*] function(EnvConnection: Port; var WildPathName: Path_Name; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; NameFlags: Name_Flags; EntryType: Entry_Type; var FoundInFirst: boolean; var DirName: APath_Name; var EntryList: Entry_List; var EntryList_Cnt: long): GeneralReturn
EnvVariableNotFound [*EnvMgrDefs*] const = Env_Error_Base + 1
eofChar [*CommandParse*] const = chr(0)
eolnChar [*CommandParse*] const = chr(# 12)
ErAnyError [*CommandDefs*] const = CmdParse_Error_Base + 14
ErBadCmd [*CommandDefs*] const = CmdParse_Error_Base + 2
ErBadQuote [*CommandDefs*] const = CmdParse_Error_Base + 13
ErBadSwitch [*CommandDefs*] const = CmdParse_Error_Base + 1
ErCmdNotUnique [*CommandDefs*] const = CmdParse_Error_Base + 8
ErCmdParam [*CommandDefs*] const = CmdParse_Error_Base + 6
EReceive [*AccCall*] function(var xxmsg: Msg; MaxWait: long; PortOpt: PortOption; Option: ReceiveOption): GeneralReturn

EReceiveFailed [*EtherUser*] exception(Why: GeneralReturn)
ErIllCharAfter [*CommandDefs*] const = CmdParse_Error_Base + 12
ErNoCmdParam [*CommandDefs*] const = CmdParse_Error_Base + 4
ErNoOutFile [*CommandDefs*] const = CmdParse_Error_Base + 9
ErNoSwParam [*CommandDefs*] const = CmdParse_Error_Base + 3
ErOneInput [*CommandDefs*] const = CmdParse_Error_Base + 10
ErOneOutput [*CommandDefs*] const = CmdParse_Error_Base + 11
ErrorMsgPMBroadcast [*SaltError*] procedure(GR: GeneralReturn; ER_Type: GR_Error_Type; ProgName: String; InMsg: PString)
ErSwNotUnique [*CommandDefs*] const = CmdParse_Error_Base + 7
ErSwParam [*CommandDefs*] const = CmdParse_Error_Base + 5
EscKind [*SapphFileDefs*] type = (CodeNormal, CodeSame, EscReturn, EscNoop)
ESendFailed [*EtherUser*] exception(Why: GeneralReturn)
EStack [*Except*] exception
EStackTooDeep [*AccentType*] const = AccErr + 42
EtherHeader [*EtherTypes*] type = PACKED RECORD Src: 0..255; Dst: 0..255; Typ: INTEGER; END
EtherIDBase [*EtherTypes*] const = 800
EtherPacket [*EtherTypes*] type = RECORD CASE Integer OF 0: (Header: EtherHeader; DataWords: ARRAY[0..MaxEtherWords - WordSize(EtherHeader) - 1] OF INTEGER); 1: (Words: ARRAY[0..MaxEtherWords - 1] OF INTEGER); 2: (LongHeader: EtherHeader; LongWords: ARRAY[0..(MaxEtherWords - WordSize(EtherHeader)) div 2 - 1] OF LONG); 3: (ConfigHdr: EtherHeader; SkipC: integer; ConfigBytes: PACKED ARRAY[0..2*(MaxEtherWords - WordSize(EtherHeader) - 1)] OF Bit8) END
EtherPacketBytes [*EtherTypes*] const = 2*WordSize(MsgEtherPacket)
EtherTyp3ConfigTest [*EtherTypes*] const = #220
EtherTypConfigTest [*EtherTypes*] const = #220
EtherTypEchoMe [*EtherTypes*] const = #700
EtherTypIAmAnEcho [*EtherTypes*] const = #701
EtherTypPup [*EtherTypes*] const = #1000
EViewPtChanged [*SaphEmrExceptions*] exception(vp: Viewport; newx, newy, neww, newh, newRank: Integer)
EViewPtExposed [*SaphEmrExceptions*] exception(vp: Viewport; ra: pRectArray; numRectangles: Long)
Examine [*AccInt*] function(ServPort: port; RegOrStack: Boolean; Index: Integer; var Value: Integer): GeneralReturn
ExceptVersion [*Except*] const = '3.4'
Exec [*Spawn*] function(VAR ChildKPort: Port; VAR ChildDPort: Port; ProcessName: APath_Name; HisCommand: CommandBlock): GeneralReturn
ExerciseParseEngine [*CommandParse*] function(ChPool: pCharacter_Pool; PoolLength: Char_Pool_Index; procedure ReadPool(var Pool: pCharacter_Pool; var PLen: Char_Pool_Index); var inputs: pCommand_Word_List; var outputs: pCommand_Word_List; var switches: pCommand_Word_List): GeneralReturn
ExitAllCmdFiles [*CommandParse*] procedure(var inF: pCommand_File_List)
ExitCmdFile [*CommandParse*] procedure(var inF: pCommand_File_List)
ExitGRError [*PascalInit*] exception(GR: GeneralReturn)
ExitProgram [*PascalInit*] exception
Exp [*RealFunctions*] function(X: Real): Real
ExpandPathName [*PathName*] function(var WildPathName: Wild_Path_Name; ImplicitSearchList: Env_Var_Name): GeneralReturn
ExpandWindow [*Sapph*] procedure(ServPort: Window)
ExpLarge [*RealFunctions*] exception(X: Real)
EXPLICITDEALLOC [*AccentType*] const = 0
ExpSmall [*RealFunctions*] exception(X: Real)
Extension_List [*PathName*] type = string[Extension_String_Size]
Extension_String_Size [*PathName*] const = 80

ExtractAllRights [*AccInt*] function(ServPort: port; PortIndex: Long; var PortRight: port; var PortType: Integer): GeneralReturn

ExtractEvent [*ModGetEvent*] function(repMsg: Pointer; var vp: ViewPort; var k: KeyEvent): Boolean

ExtractSimpleName [*PathName*] procedure(Name: Path_Name; var StartTerminal: integer; var StartVersion: integer)

Failure [*AccentType*] const = AccErr + 24

FEarray [*RunDefs*] type = array[FileIndex] of FileEntry

FHdr_Access_Rights_Offset [*SesDiskDefs*] const = 56

File_Data [*SesameDefs*] type = pointer

File_Header [*SesameDefs*] type = packed record FileSize: long; DataFormat: long; PrintName: Print_Name; Author: Group_ID; CreationDate: Internal_Time; AccessID: Group_ID; AccessDate: Internal_Time; FHdr_RESERVED: array[56..64] of integer; end

FileEntry [*RunDefs*] type = record FileType: LinkFileType; FileLocation: long; FileBlocks: long; FileName: APath_Name; WriteDate: Internal_Time; Version: long; end

FileIndex [*RunDefs*] type = 0..RMAXFILE

FileKind [*Stream*] type = (BlockStructured, CharacterStructured)

FileLength [*Code*] const = 100

FileLength [*SegDefs*] const = 100

FileType [*Stream*] type = packed record Flag: packed record case integer of 0: (CharReady: boolean; FEoln: boolean; FEof: boolean; FNotReset: boolean; FNotOpen: boolean; FNotRewrite: boolean; FExternal: boolean; FBusy: boolean; FKind: FileKind; FLastWasEof: boolean; Funused: 0..63); 1: (skip1: 0..3; ReadError: 0..7); 2: (skip2: 0..15; WriteError: 0..3) end; EolCh, EofCh, EraseCh, NoiseCh: ControlChar; OmitCh: set of ControlChar; FileNum: integer; FIndex: integer; Length: integer; BlockNumber: integer; StreamP: pStreamF; LengthInBlocks: integer; LastBlockLength: integer; SizeInWords: integer; SizeInBits: 0..16; ElsPerWord: 0..16; Element: record case integer of 1: (C: char); 2: (W: array[0..0] of integer) end end

FindExtendedFileName [*PathName*] function(var FileName: Path_Name; ExtensionList: Extension_List; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean): GeneralReturn

FindExtendedPathName [*PathName*] function(var PathName: Path_Name; ExtensionList: Extension_List; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; var EntryType: Entry_Type; var NameStatus: Name_Status): GeneralReturn

FindFileName [*PathName*] function(var FileName: Path_Name; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean): GeneralReturn

FindPathName [*PathName*] function(var PathName: Path_Name; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; var EntryType: Entry_Type; var NameStatus: Name_Status): GeneralReturn

FindTypedName [*PathName*] function(var PathName: Path_Name; ExtensionList: Extension_List; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; var EntryType: Entry_Type; var NameStatus: Name_Status): GeneralReturn

FindWildPathnames [*PathName*] function(var WildPathName: Path_Name; ImplicitSearchList: Env_Var_Name; FirstOnly: boolean; NameFlags: Name_Flags; EntryType: Entry_Type; var FoundInFirst: boolean; var DirName: APath_Name; var EntryList: Entry_List; var EntryList_Cnt: long): GeneralReturn

FinEther [*EtherUser*] procedure

First_User [*AuthDefs*] const = 1

FirstBlock [*CFileDefs*] type = record FileVersion: integer; FileSize: long; FileTimeStamp: Internal_Time; SymbolAreaSize: long; TextAreaSize: long; DataAreaSize: long; BSSAreaSize: long; DestAddr: long; StartAddr: long; MainAddr: long; InitialLocalSize: long; StackBaseAddress: long; StackSizeInPages: long; end

FirstItemNotDefined [*EnvMgrDefs*] const = Env_Error_Base + 5

FIRSTNONRESERVEDPORT [*AccentType*] const = 3

FirstUserIndex [*PascalInit*] const = 6

FiveDeep [*AccentType*] const = AccErr + 38

FloppyResultStatus [*IODefs*] type = packed record StatusType: FloppyResultType; Unused: Bit6; case FloppyResultType of NoStatus: (); HeadChange, DriveSense, CmdResults: (Unit: Bit2; Head: Bit1; case FloppyResultType of DriveSense: (TwoSided: boolean; AtTrack0: boolean; DriveReady: boolean; WriteProtected: boolean; DriveFault: boolean); HeadChange, CmdResults: (NotReady: boolean; EquipFault: boolean; SeekEnd: boolean; IntrCode: (Normal, Abnormal, InvalidCmd, DriveRdyChange); case FloppyResultType of HeadChange: (PresentCylinder: Bit8); CmdResults: (NoAddrMark: boolean; NotWritable: boolean; NoData: boolean; Unused1: Bit1; Overrun: boolean; DataError: boolean; Unused2: Bit1; TrackEnd: boolean; NoDataAddrMark: boolean; BadTrack: boolean; ScanFail: boolean; ScanHit: boolean; WrongCylinder: boolean; DataCRCError: boolean; ControlMark: boolean; Unused3: Bit1; CylinderID: Bit8; HeadID: Bit8; SectorID: Bit8; SectorSizeCode: Bit8))) end

FloppyResultType [*IODefs*] type = (NoStatus, HeadChange, DriveSense, CmdResults)

FlushEvents [*ViewPt*] function(ServPort: Viewport): boolean

FNString [*Code*] type = String[FileLength]

FNString [*SegDefs*] type = String[FileLength]

FontCharWidthVector [*ViewPt*] procedure(ServPort: Viewport; ch: char; var dx: integer; var dy: integer)

FontHeadOverhead [*SapphFileDefs*] const = #404

FontMap [*SapphFileDefs*] type = ↑FontMapRec

FontMapRec [*SapphFileDefs*] type = packed record Height: integer; Base: integer; Index: array[0..#177] of packed record Offset: 0..767; Line: 0..63; Width: integer; end; Filler: array[0..1] of integer; Pat: Array[0..0] of integer; end

FontSize [*ViewPt*] procedure(ServPort: Viewport; var name: String; var PointSize: integer; var Rotation: integer; var FaceCode: integer; var maxWidth: integer; var maxHeight: integer; var xOrigin: integer; var yOrigin: integer; var fixedWidth: boolean; var fixedHeight: boolean)

FontStringWidthVector [*ViewPt*] procedure(ServPort: Viewport; str: VPStr255; firstCh: integer; lastch: integer; var dx: integer; var dy: integer)

FontWordWidth [*SapphFileDefs*] const = 48

ForBootFile [*SpawnInitFlags*] const = FALSE

Fork [*AccInt*] function(ServPort: port; var HisKernelPort: port; var HisDataPort: port; var Ports: PtrPortArray; var Ports_Cnt: long): GeneralReturn

ForLibFile [*SpawnInitFlags*] const = NOT ForBootFile

FudgeStack [*Code*] const = #2000

FullLn [*Stream*] function(var F: Text): Boolean

FullWindowState [*Sapph*] procedure(ServPort: Window; var leftx: integer; var topy: integer; var outerwidth: integer; var outerHeigh: integer; var rank: integer; var hasBorder: boolean; var hasTitle: boolean; var isListener: boolean; var name: ProgStr; var title: TitStr)

FwdCode [*EtherTypes*] const = 2

GeneralReturn [*AccentType*] type = integer

GetAbsoluteDef [*CFileDefs*] procedure(var BytePtr: long; var ByteAddress: long; var Name: LString)

GetAbsoluteLocalDef [*CFileDefs*] procedure(var BytePtr: long; var ByteAddress: long; var Name: LString)

GetAsmlong [*CFileDefs*] function(var ByteAddr: long): long

GetAsmString [*CFileDefs*] function(var ByteAddr: long): LString

GetB [*Stream*] procedure(var F: Filetype)

GetBreak [*Spice_String*] function: BreakTable

GetC [*Stream*] procedure(var F: Filetype)

GetChainHead [*CFileDefs*] procedure(var BytePtr: long; var AreaDesg: Bit8; var ByteAreaOff: long)

GetCharacterPool [*ExtraCmdParse*] procedure(prompt: Cmnd_String; var InputFile: Text; var ChPool: pCharacter_Pool; var PoolLength: Char_Pool_Index)

GetCmd [*ExtraCmdParse*] function(prompt: Cmnd_String; SearchTable: pWord_Search_Table; var CmdName: Cmnd_String; var inF: pCommand_File_List; var inputs: pCommand_Word_List; var outputs: pCommand_Word_List; var switches: pCommand_Word_List; var ErrorGR: GeneralReturn): integer

GetCodeByte [*CFileDefs*] function(var ByteAddr: long): Bit8

GetCodeWord [*CFileDefs*] function(var ByteAddr: long): integer

GetConfirm [*ExtraCmdParse*] function(prompt: Cmnd_String; def: integer; var switches: pCommand_Word_List): integer

GetDateTime [*Time*] function(ServPort: port): Internal_Time

GetDiskPartitions [*AccInt*] function(ServPort: port; interface: DiskInterface; log_unit: InterfaceInfo; var unitnum: Integer; var DevName: DevPartString; var PartL: Pointer; var PartL_Cnt: long): GeneralReturn

GetEnvVariable [*EnvMgr*] function(ServPort: Port; Name: Env_Var_Name; SearchScope: Env_Var_Scope; var Variable: Env_Variable; var Variable_Cnt: long; var VarType: Env_Var_Type; var ActualScope: Env_Var_Scope): GeneralReturn

GetEvent [*ViewPt*] function(ServPort: Viewport; howWait: KeyHowWait): KeyEvent

GetEventPort [*ModGetEvent*] procedure(ServPort: Viewport; howWait: KeyHowWait; retPort: Port)

GetFullViewport [*ViewPt*] function(ServPort: Viewport): Viewport

GetFullWindow [*Sapph*] function(ServPort: Window): Window

GetIconViewport [*Sapph*] procedure(ServPort: Window; var iconvp: Viewport; var width: integer; var height: integer)

GetIconWindow [*Sapph*] function(ServPort: Window): Window

GetIOSleepID [*AccCall*] function(var SleepID: long): GeneralReturn

GetIthWordPtr [*CommandParse*] function(i: long; CmndBlock: CommandBlock): pWord_String

GetLibraryDef [*CFileDefs*] procedure(var BytePtr: long; var LibraryFileName: LString; var LibraryTimeStamp: Internal_Time; var LibraryLoc: long)

GetListenerWindow [*Sapph*] function(ServPort: Window): Window

GetOffsetDef [*CFileDefs*] procedure(var BytePtr: long; var WdOffsetAmt: long)

GetParsedUserInput [*ExtraCmdParse*] function(prompt: Cmnd_String; var inF: pCommand_File_List; var inputs: pCommand_Word_List; var outputs: pCommand_Word_List; var switches: pCommand_Word_List): GeneralReturn

GetPortIndexStatus [*AccInt*] function(ServPort: port; PortIndex: Long; var Backlog: Integer; var NWaitingMsgs: Integer; var EWaitingMsgs: Integer; var PortRight: port; var PortType: Integer): GeneralReturn

GetPortStatus [*AccInt*] function(ServPort: port; PortRight: port; var Backlog: Integer; var NWaitingMsgs: Integer; var EWaitingMsgs: Integer; var PortIndex: Long; var PortType: Integer): GeneralReturn

GetPrimaryDef [*CFileDefs*] procedure(var BytePtr: long; var SimKind: Bit8; var AreaDesg: Bit8; var AreaOffset: long; var SymSize: long; var SymName: LString)

GetRectangleParms [*AccInt*] function(ServPort: port; RectPort: port; var BaseAddr: VirtualAddress; var ScanWidth: Integer; var BaseX: Integer; var BaseY: Integer; var MaxX: Integer; var MaxY: Integer; var IsFont: Boolean): GeneralReturn

GetRegionCursor [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer; var cursorImage: CursorSet; var cursIndex: integer; var cursFunc: CursorFunction; var track: boolean)

GetRegionParms [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer; var absolute: boolean; var speed: integer; var minx: integer; var maxx: integer; var miny: integer; var maxy: integer; var modx: integer; var posx: integer; var mody: integer; var posy: integer)

GetScreenParameters [*Sapph*] procedure(ServPort: Window; var width: integer; var height: integer)

GetShellCmd [*ExtraCmdParse*] function(SearchTable: pWord_Search_Table; var CmdName: Cmnd_String; var inF: pCommand_File_List; var inputs: pCommand_Word_List; var outputs: pCommand_Word_List; var switches: pCommand_Word_List; var ErrorGR: GeneralReturn): integer

GetStringTime [*Time*] function(ServPort: port; TimeFormat: integer): String

GetSysFont [*ViewPt*] function(ServPort: Viewport): Viewport

GetUserName [*Auth*] function(ServPort: Port; UserID: User_ID; var UserName: Auth_Var): GeneralReturn

GetUserTime [*Time*] function(ServPort: port): User_Time

GetViewportBit [*ViewPt*] function(ServPort: Viewport; x: integer; y: integer; var value: boolean): boolean

GetViewportRectangle [*ViewPt*] function(ServPort: Viewport; x: integer; y: integer; width: integer; height: integer; var Data: pVPIntegerArray; var Data_Cnt: long; var WordsAcross: integer; ux: integer; uy: integer): boolean

GetVPRank [*ViewPt*] function(ServPort: Viewport): integer

GetWinNames [*Sapph*] procedure(ServPort: Window; var names: pWinNameArray; var names_Cnt: long; var curListenIndex: integer)

GetWinProcess [*Sapph*] function(ServPort: Window): Port

GlobalProcedure [*CFileDefs*] const = 3

GPBuffer [*AccentType*] type = packed array[1..8] of Bit8

GPIBDevCmdHead [*IODefs*] type = packed record Options: packed record SetInt0Mask: boolean; SetInt1Mask: boolean; OmitBusConfig: boolean; OmitUnListen: boolean; case boolean of true: (HoldOffOnEOI: boolean; unused2: Bit3); false: (OmitGoToStandby: boolean; WaitOnData: boolean; ForceEOI: boolean; unused1: Bit1); end; Int0Mask: Bit8; Int1Mask: Bit8; PrimAddr: Bit8; SecAddr: Bit8; case boolean of true: (ReadCount: Bit8); false: (); end

GPIBSenseStatus [*IODefs*] type = packed record IntStat0: Bit8; IntStat1: Bit8; IntAddrStat: Bit8; IntBusStat: Bit8; IntAddrSwch: Bit8; IntCmdPass: Bit8; CurAddrStat: Bit8; CurBusStat: Bit8; CurAddrSwch: Bit8; CurCmdPass: Bit8; end

GPIBWriteRegister [*IODefs*] type = packed record case RegNum: Bit8 of 0: (); 1: (RegVal: Bit8) end

GR_Error_Type [*SaltError*] type = (GR_Warning, GR_Error, GR_FatalError)

GRError [*PascalInit*] exception(GR: GeneralReturn)

GRErrorMsg [*SaltError*] procedure(GR: GeneralReturn; ER_Type: GR_Error_Type; ProgName: String; InMsg: PString; var OutMsg: PString)

Group_ID [*SesameDefs*] type = long

GRStdErr [*SaltError*] function(GR: GeneralReturn; ER_Type: GR_Error_Type; InMsg: PString; var OutMsg: PString): boolean

GRStdError [*SaltError*] procedure(GR: GeneralReturn; ER_Type: GR_Error_Type; InMsg: PString; var OutMsg: PString)

GRWriteErrorMsg [*SaltError*] procedure(GR: GeneralReturn; ER_Type: GR_Error_Type; ProgName: String; InMsg: PString)

GRWriteStdError [*SaltError*] procedure(GR: GeneralReturn; ER_Type: GR_Error_Type; InMsg: PString)

Header [*AccentType*] type = packed Array[0..15] of Bit8

HeapAddress [*Dynamic*] type = record case integer of 0: (Offset: HeapOffset; Segment: HeapNumber); 1: (AnyPtr: Pointer); 2: (LongInt: Long); end

HeapNumber [*Dynamic*] type = integer

HeapOffset [*Dynamic*] type = integer

IconAutoUpdate [*Sapph*] procedure(ServPort: Window; allowed: boolean)

IconHeight [*SapphDefs*] const = 64

IconWidth [*SapphDefs*] const = 64

IDCIrEtherFilter [*EtherTypes*] const = EtherIDBase + 3

IDCIrPupFilter [*EtherTypes*] const = EtherIDBase + 6

Identifier [*Stream*] type = string[IdentLength]

IdentifyWindow [*Sapph*] procedure(ServPort: Window)

IdentLength [*Stream*] const = 8

IdentTable [*Stream*] type = array[0..1] of Identifier

IDGetEtherAddress [*EtherTypes*] const = EtherIDBase + 1

IdNotDefined [*Stream*] exception(FileName: SName; Id: Identifier)

IdNotUnique [*Stream*] exception(FileName: SName; Id: Identifier)

IDRCIrEtherFilter [*EtherTypes*] const = EtherIDBase + 103

IDRCIrPupFilter [*EtherTypes*] const = EtherIDBase + 106

IDRecvEtherPacket [*EtherTypes*] const = EtherIDBase + 104

IDRecvPupPacket [*EtherTypes*] const = EtherIDBase + 107

IDRGetEtherAddress [*EtherTypes*] const = EtherIDBase + 101

IDRSetEtherFilter [*EtherTypes*] const = EtherIDBase + 102

IDRSetPupFilter [*EtherTypes*] const = EtherIDBase + 105

IDSendEtherPacket [*EtherTypes*] const = EtherIDBase + 4
IDSendPupPacket [*EtherTypes*] const = EtherIDBase + 7
IDSetEtherFilter [*EtherTypes*] const = EtherIDBase + 2
IDSetPupFilter [*EtherTypes*] const = EtherIDBase + 5
IllegalBacklog [*AccentType*] const = AccErr + 10
IllegalScanWidth [*AccentType*] const = AccErr + 55
ImpArray [*RunDefs*] type = packed array[0..4096] of SegIndex
ImpIndex [*RunDefs*] type = 0..RMAXIMPORT
ImpNode [*Code*] type = record SId: SNArray; FilN: pFNString; XGP: integer; XSN: integer; Seg: pSegNode; Next: pImpNode end
Impossible [*ViewPt*] exception(s: String)
ImproperEntryType [*SesameDefs*] const = Sesame_Error_Base + 11
in_out_separator_char [*CommandParse*] const = '~'
InactiveSegment [*AccentType*] const = AccErr + 47
Index1Unquoted [*PathName*] function(S: Wild_Path_Name; C: char): integer
IndexInterpose [*AccInt*] function(ServPort: port; MyPort: Port; HisIndex: Long; var HisPort: Port): GeneralReturn
Inf [*Spice_String*] const = -32742
InitAccInt [*AccInt*] procedure(RPort: port)
InitAuth [*Auth*] procedure(RPort: port)
InitCmdFile [*CommandParse*] procedure(var inF: pCommand_File_List)
InitCommandParse [*CommandParse*] procedure
InitDynamic [*Dynamic*] procedure
InitEnvMgr [*EnvMgr*] procedure(RPort: port)
InitEther [*EtherUser*] procedure(RPort: port; Heap: integer)
InitExceptions [*Except*] procedure
Initial [*Spice_String*] function(Str1, Str2: PString): boolean
InitializedSymbol [*CFileDefs*] const = 5
InitIO [*IO*] procedure(RPort: port)
InitMsgId [*PascalInit*] const = 32896
InitMsgN [*MsgN*] procedure(RPort: port)
InitMsgSize [*PascalInit*] const = WORDSIZE(InitMsgType)*2
InitMsgType [*PascalInit*] type = RECORD Head: Msg; DefaultType: TypeType; DefInName: STRING[255]; DefOutName: STRING[255]; PassPortType: TypeType; PassedPorts: PtrPortArray; UWinSharedType: TypeType; UWinShared: Boolean; EMType: TypeType; EMPort: Port; WindowType: TypeType; UserWindow: Port; TSType: TypeType; UserTS: Port; WordCountType: TypeType; WordCount: long; WordDirIndexType: TypeType; WordDirIndex: long; WordArrayPtrType: TypeType; WordArrayPtrEltSize: integer; WordArrayPtrTName: integer; WordArray_Cnt: long; WordArrayPtr: pCharacter_Pool; ComputeEnvType: TypeType; ComputingEnvironment: Long; END
InitNet10MB [*Net10MB*] procedure(RPort: port)
InitPascal [*PascalInit*] procedure
InitProcess [*PascalInit*] procedure(AmIClone: BOOLEAN)
InitProcMgr [*ProcMgr*] procedure(RPort: port)
InitSapph [*Sapph*] procedure
InitSesame [*Sesame*] procedure(RPort: port)
InitSesDisk [*SesDisk*] procedure(RPort: port)
InitStream [*Stream*] procedure
InitTime [*Time*] procedure(RPort: port)
InitTS [*TS*] procedure(RPort: port)
InitViewPt [*ViewPt*] procedure
InitWordSearchTable [*CommandParse*] procedure(var table: pWord_Search_Table; CaseSensitive: boolean)
InPorts [*PascalInit*] var: ptrPortArray

InPorts_Cnt [*PascalInit*] var: long
InsertAllRights [*AccInt*] function(ServPort: port; PortIndex: Long; PortRight: port; PortType: Integer): GeneralReturn
InsertChars [*Spice_String*] procedure(Source: PString; var Dest: PString; Index: Integer)
InterceptSegmentCalls [*AccInt*] function(ServPort: port; var OldSysPorts: PtrAllPortArray; var OldSysPorts_Cnt: long; var SysPorts: PtrPortArray; var SysPorts_Cnt: long): GeneralReturn
InterfaceInfo [*AccentType*] type = Packed Record Case DiskInterface Of EIO, CIO, FlopDrives: (Unit: Integer); ENet: (EAddr: Packed Array[0..2] of integer); End
Internal_Time [*TimeDefs*] type = record Weeks: integer; MSecInWeek: long; end
Intr [*AccentType*] const = AccErr + 12
InvalidateMemory [*AccInt*] function(ServPort: port; Address: VirtualAddress; NumBytes: Long): GeneralReturn
InvalidDirectoryVersion [*SesameDefs*] const = Sesame_Error_Base + 6
InvalidVersion [*SesameDefs*] const = Sesame_Error_Base + 5
InxCase [*Except*] exception
IO_Version [*IO*] function(ServPort: ServerNamePort): String
IOBadBaudRate [*IODefs*] const = IOErr + 12
IOBadBufferSize [*IODefs*] const = IOErr + 35
IOBadCmdBlkCount [*IODefs*] const = IOErr + 8
IOBadCylinderNumber [*IODefs*] const = IOErr + 21
IOBadDataByteCount [*IODefs*] const = IOErr + 9
IOBadHeadNumber [*IODefs*] const = IOErr + 22
IOBadPortReference [*IODefs*] const = IOErr + 6
IOBadRegisterNumber [*IODefs*] const = IOErr + 10
IOBadSectorNumber [*IODefs*] const = IOErr + 20
IOBadTrack [*IODefs*] const = IOErr + 31
IOBadUserEventPort [*IODefs*] const = IOErr + 5
IOBaseMsgID [*IODefs*] const = 4000
IOCircBufOverFlow [*IODefs*] const = IOErr + 17
IOCmdBlk [*IODefs*] type = packed record CmdIDTag: long; case integer of 0: (case integer of 0: (CmdByte: packed array[0..0] of Bit8); 1: (CmdWord: packed array[0..0] of integer); 2: (WriteReg: packed array[stretch(0)..stretch(0)] of packed record RegNum: Bit8; RegVal: Bit8 end)); 1: (case IOCommand of IOSetAttention: (GPIBEnableATN: boolean); IOSetStream: (GPIBEnableStream: boolean; GPIBBlockingFactor: integer); IOSetBufferSize: (GPIBBufferSize: long); IOWriteRegisters: (GPIBWriteReg: packed array[stretch(0)..stretch(0)] of GPIBWriteRegister); IODevRead, IODevWrite: (GPIBDevCmdBlk: GPIBDevCmdHead)); 2: (case IOCommand of IOSetAttention: (RS232EnableATN: boolean); IOSetStream: (RS232EnableStream: boolean; RS232BlockingFactor: integer); IOSetBufferSize: (RS232BufferSize: long); IOSetBaud: (RS232TxBaud: Bit8; RS232RxBaud: Bit8); IOWriteRegisters: (RS232WriteReg: packed array[stretch(0)..stretch(0)] of SIOWriteRegister)); 3: (case IOCommand of IOSetAttention: (SpeechEnableATN: boolean); IOSetBufferSize: (SpeechBufferSize: long); IOSetBaud: (SpeechTxRate: integer); IOWriteRegisters: (SpeechWriteReg: packed array[stretch(0)..stretch(0)] of SIOWriteRegister)); 4: (case IOCommand of IOSetAttention: (FloppyEnableATN: boolean); IOSetDensity: (FloppyDensity: DensityType); IORead, IOWrite, IOFormat, IOSeek, IORecalibrate, IOReadID, IOSenseDrive: (FloppyUnit: Bit8; FloppyHead: Bit8; case IOCommand of IORead, IOWrite, IOFormat, IOSeek: (FloppyCylinder: Bit8; case IOCommand of IORead, IOWrite: (FloppySector: Bit8); IOFormat: (FloppyFmtData: Bit8)))) end
IOCommand [*IODefs*] type = (IOSense, IOReset, IOWriteRegisters, IOFlushInput, IOFlushOutPut, IORead, IOWrite, IOWriteEOI, IOReadHiVol, IOWriteHiVol, IODevRead, IODevWrite, IOSetBaud, IOSetStream, IOSetAttention, IOAbort, IOSuspend, IOResume, IOSeek, IORecalibrate, IOFormat, IOReadID, IOSenseDrive, IOSetDensity, IOSetBufferSize, IONullCmd)
IOCylinderMisMatch [*IODefs*] const = IOErr + 32
IODataCRCError [*IODefs*] const = IOErr + 29
IODeviceNotFree [*IODefs*] const = IOErr + 3
IODeviceNotReady [*IODefs*] const = IOErr + 24

IODeviceNotWritable [*IODefs*] const = IOErr + 27
IODriveReadyChanged [*IODefs*] const = IOErr + 33
IOEBSE [*EtherTypes*] const = #4
IOEFUZ [*EtherTypes*] const = #5
IOEIOC [*EtherTypes*] const = #0
IOEndOfFrame [*IODefs*] const = IOErr + 18
IOEndOfInput [*IODefs*] const = IOErr + 19
IOEPTL [*EtherTypes*] const = #2
IOERNT [*EtherTypes*] const = #3
IOErr [*IODefs*] const = IOBaseMsgID
IOETIM [*EtherTypes*] const = #1
IOEvent [*IODefs*] type = (IOReply, AsyncData, Attention, Distress, Acknowledge)
IOFramingError [*IODefs*] const = IOErr + 16
IOGetTime [*Clock*] function: long
IOHeaderCRCError [*IODefs*] const = IOErr + 30
IOIllegalCommand [*IODefs*] const = IOErr + 7
IOInvalidIOPort [*IODefs*] const = IOErr + 4
IOMessage [*IODefs*] type = record Head: Msg; Body: array[0..1023] of integer; end
IOMissingDataAddrMark [*IODefs*] const = IOErr + 25
IOMissingHeaderAddrMark [*IODefs*] const = IOErr + 26
IONoDataFound [*IODefs*] const = IOErr + 13
IONotEnoughData [*IODefs*] const = IOErr + 34
IONotEnoughRoom [*IODefs*] const = IOErr + 11
IOOverRun [*IODefs*] const = IOErr + 14
IOParityError [*IODefs*] const = IOErr + 15
IOSectorNotFound [*IODefs*] const = IOErr + 28
IOSenseStatusBlk [*IODefs*] type = packed record StatusCnt: Bit8; case integer of 1: (GPIBStatus: GPIBSenseStatus); 2: (SIOStatus: SIOSenseStatus); 3: (FloppyStatus: FloppyResultStatus); 0: (case integer of 1: (StatusByte: packed array[stretch(1)..stretch(1)] of Bit8); 2: (StatusWord: packed array[stretch(1)..stretch(1)] of integer); 3: (SByte: packed array[stretch(1)..stretch(12)] of Bit8)) end
IOStatusBlk [*IODefs*] type = packed record CmdIDTag: long; HardStatus: integer; SoftStatus: integer; CmdBytesTransferred: long; DataBytesTransferred: long; DeviceStatus: IOSenseStatusBlk; end
IOSuccess [*IODefs*] const = SUCCESS
IOTimeOut [*IODefs*] const = IOErr + 2
IOUndefinedError [*IODefs*] const = IOErr + 1
IOUndeterminedEquipFault [*IODefs*] const = IOErr + 23
IsChild [*AccentType*] const = AccErr + 36
IsParent [*AccentType*] const = AccErr + 35
IsPattern [*PMatch*] function(var str: pms255): boolean
IsQuotedChar [*PathName*] function(S: Wild_Path_Name; Index: integer): boolean
IsStreamDevice [*Stream*] function(S: SName): integer
KBFlushBoardOutput [*Stream*] procedure(var F: FileType)
KERNELPORT [*AccentType*] const = 1
KeyEvent [*SapphDefs*] type = record Cmd: 0..255; Ch: char; region: Integer; X, Y: integer; end
KeyHowWait [*SapphDefs*] type = (KeyWaitDiffPos, KeyDontWait, KeyWaitEvent)
KeyKind [*SapphFileDefs*] type = (Standard, Control, Mouse, NonStandard)
KeyMap [*SapphFileDefs*] type = packed record hashkey: KeyState; cmd: 0..255; chval: char; escty: EscKind; next: 0..MAXMAP; region: 0..WILDREGION; end
KeyState [*SapphFileDefs*] type = packed record case integer of 1: (code: 0..#177; cntrlon: boolean; special: boolean; EscCl: 0..#7; mbuttons: 0..#17); 2: (fullCode: 0..#777; escClAndMButtons: 0..#177); 3: (ks: integer); end

KeyTransTab [*SapphFileDefs*] type = packed record Version: 0..255; CmdState: 0..255; RawKeyBoard: boolean; EscState: 0..7; NumMaps: 0..MAXMAP; HashMask: integer; Len: integer; Class: packed array[0..MaxCode] of KeyKind; Map: packed array[1..1] of KeyMap; end
KeyTranVersion [*SapphFileDefs*] const = 3
KOEName [*CFileDefs*] function(x: Bit8): string
LandScapeBitHeight [*SapphDefs*] const = 1024
LandScapeBitWidth [*SapphDefs*] const = 1280
Language [*Code*] type = (Pascal, Fortran, Imp)
Language [*SegDefs*] type = (Pascal, Fortran, Imp)
LargeNumber [*Stream*] exception(FileName: SName)
LargeReal [*Stream*] exception(FileName: SName)
LastRecMsg [*IPCRecordIO*] var: RRecMsg
LibraryDef [*CFileDefs*] const = 90
LineFunct [*SapphDefs*] type = (DrawLine, EraseLine, XORLine)
LinkFileType [*RunDefs*] type = (SegFile, RunFile, DataFile, SymsFileType, QMapFileType)
LinkTypeStr [*ALoad*] function(typ: LinkFileType): string
ListLoggedInUsers [*Auth*] function(ServPort: Port; var UserList: Logged_User_List; var UserList_Cnt: long): GeneralReturn
LMsg [*AccCall*] type = record H: Msg; D: array[1..MAXMSGDATA] of integer; end
Ln [*RealFunctions*] function(X: Real): Real
LoadFont [*ViewPt*] function(ServPort: Viewport; fileName: VPStr255): Viewport
LoadVPCursors [*ViewPt*] function(ServPort: Viewport; fileName: VPStr255; var numCursors: integer): CursorSet
LoadVPPicture [*ViewPt*] function(ServPort: Viewport; fileName: VPStr255; width: integer; height: integer): Viewport
LocalLabel [*CFileDefs*] const = 6
LocalProcedure [*CFileDefs*] const = 2
LOCALPT [*AccentType*] const = 2
LockPorts [*AccCall*] function(LockThem: boolean; Ports: ptrLPortArray; PortsCount: long): GeneralReturn
Log10 [*RealFunctions*] function(X: Real): Real
Logged_User [*AuthDefs*] type = record UserID: User_ID; UserName: Auth_Var; MachineName: Auth_Var; End
Logged_User_Array [*AuthDefs*] type = array[0..0] of Logged_User
Logged_User_List [*AuthDefs*] type = ↑Logged_User_Array
LoginUser [*Auth*] function(ServPort: Port; UserName: Auth_Var; Password: Auth_Var; MachineName: Auth_Var; var UserAuthPort: Port; var UserRec: UserRecord): GeneralReturn
LOGMSGS [*AccCall*] const = false
LogoutUser [*Auth*] function(ServPort: Port): GeneralReturn
LogSmall [*RealFunctions*] exception(X: Real)
Lookup [*MsgN*] function(ServPort: Port; PortsName: string; var PortsID: Port): GeneralReturn
Lop [*Spice_String*] function(var Str: PString): PString
LPortArray [*AccentType*] type = array[stretch(0)..stretch(#77777)] of Port
LString [*CFileDefs*] type = String[255]
M_CHILDFORKREPLY [*AccentType*] const = #100 + #11
M_DEBUGMSG [*AccentType*] const = #100 + #12
M_GENERALKERNELREPLY [*AccentType*] const = #100 + 6
M_KERNELMSGERROR [*AccentType*] const = #100 + 7
M_MSGACCEPTED [*AccentType*] const = #100 + 2
M_OWNERSHIPRIGHTS [*AccentType*] const = #100 + 3
M_PARENTFORKREPLY [*AccentType*] const = #100 + #10
M_PORTDELETED [*AccentType*] const = #100 + 1
M_RECEIVERIGHTS [*AccentType*] const = #100 + 4
Machine_Name [*AuthDefs*] type = String[255]

MachineInfoRec [*BootInfo*] type = packed record case boolean of false: (int: integer); true: (WCSSize: 0..15; Reserved: 0..3; IsPortrait: Boolean; BoardRev: 0..31; OldZ80: boolean; CMUNet: boolean; Reserved2: 0..3) end
MAINKLUDGE [*RunDefs*] const = 255
MakeViewport [*ViewPt*] function(ServPort: Viewport; x: integer; y: integer; w: integer; h: integer; rank: integer; memory: boolean; courteous: boolean; transparent: boolean): Viewport
MakeWinListener [*Sapph*] procedure(ServPort: Window)
MapFull [*AccentType*] const = AccErr + 25
MAPNIL [*SapphFileDefs*] const = 0
Max_QmapRoutines [*QMapDefs*] const = 251
Max_SymRoutines [*SymDefs*] const = 251
Max_Users [*AuthDefs*] const = 1023
MAXBACKLOG [*AccentType*] const = 63
MaxCmndString [*CommandParse*] const = 255
MaxCode [*SapphFileDefs*] const = 127 + 16
MaxCoord [*SapphDefs*] const = 16000
MAXDEVICES [*AccentType*] const = 5
MAXDISKS [*AccentType*] const = 4
MAXDPCHARS [*AccentType*] const = 25
MaxEtherWords [*EtherTypes*] const = 748
MAXLOGMESS [*AccCall*] const = 20
MAXMAP [*SapphFileDefs*] const = 511
MAXMSGDATA [*AccCall*] const = 20
MaxNumRectangles [*SapphDefs*] const = 256 div 4
MAXPARTCHARS [*AccentType*] const = 8
MAXPARTITIONS [*AccentType*] const = 10
MAXPORTS [*AccentType*] const = 256
MAXPROCS [*AccentType*] const = 63
MaxPStringSize [*Spice_String*] const = 255
MaxPupWords [*EtherTypes*] const = 533
MaxSignal [*ProcMgrDefs*] const = SignalBase + 63
MaxSize [*SapphDefs*] const = 16000
MemFault [*AccentType*] const = AccErr + 6
MemProtection [*AccentType*] type = READONLY..READWRITE
MessagesWaiting [*AccCall*] function(MsgType: long; var Ports: ptrLPortArray; var PortsCount: long): GeneralReturn
MicroFailure [*AccentType*] const = AccErr + 41
MicroSeconds [*AccentType*] type = long
MILLIPERTIC [*SapphFileDefs*] const = 17
MinCoord [*SapphDefs*] const = - 16000
MinEtherWords [*EtherTypes*] const = WordSize(EtherHeader)
MinPupWords [*EtherTypes*] const = WordSize(PupHeader) + 1
MinSignal [*ProcMgrDefs*] const = SignalBase
ModifyRegion [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer; leftx: integer; topy: integer; width: integer; height: integer)
ModifyVP [*ViewPt*] procedure(ServPort: Viewport; newlx: integer; newty: integer; newwidth: integer; newheight: integer; newrank: integer; wantVpChEx: boolean)
ModifyWindow [*Sapph*] procedure(ServPort: Window; newleftx: integer; newtopy: integer; newouterwidth: integer; newouterheight: integer; newRank: integer)
ModNameLength [*RunDefs*] const = 19
ModString [*RunDefs*] type = String[ModNameLength]
MoveWords [*AccCall*] function(SrcAddr: VirtualAddress; var DstAddr: VirtualAddress; NumWords: long; Delete: boolean; Create: boolean; Mask: long; DontShare: boolean): GeneralReturn
MParity [*Except*] exception

Msg [*AccentType*] type = record SimpleMsg: boolean; MsgSize: long; MsgType: long; LocalPort: Port; RemotePort: Port; ID: long; end

MsgClrEtherFilter [*EtherTypes*] type = RECORD Head: Msg; TTyp: TypeType; Typ: INTEGER; TProcessPort: TypeType; ProcessPort: Port END

MsgClrPupFilter [*EtherTypes*] type = RECORD Head: Msg; TSocket: TypeType; Socket: Long; TProcessPort: TypeType; ProcessPort: Port END

MsgEtherPacket [*EtherTypes*] type = RECORD Head: Msg; TPacket: TypeType; Packet: EtherPacket; END

MsgGetEtherAddress [*EtherTypes*] type = RECORD Head: Msg END

MsgIndex [*PascalInit*] const = 5

MsgInterrupt [*AccentType*] const = AccErr + 43

MsgLog [*AccCall*] type = record Init: integer; MsgsSent: long; MsgsRec: long; NxtMsg: integer; LMsgs: array[0..MAXLOGMESS] of record Sent: boolean; InProg: boolean; GR: GeneralReturn; M: LMsg; end; end

MsgPacket [*EtherTypes*] type = RECORD Head: Msg; TPacket: TypeType; END

MsgPortStatus [*MsgN*] function(ServPort: Port; PortsID: Port; var GlobalPort: long; var Owner: long; var Receiver: long; var SrcID: long; var SeqNum: long; var NetWaiting: boolean; var NumQueued: integer; var Blocked: boolean; var Locked: boolean; var RecvQueue: integer; var DataOffset: long; var InSrcID: long; var InSeqNum: long): GeneralReturn

MsgPupPacket [*EtherTypes*] type = RECORD Head: Msg; TPacket: TypeType; Packet: PupPacket; END

MsgRClrEtherFilter [*EtherTypes*] type = RECORD Head: Msg; TTyp: TypeType; Typ: INTEGER; TAnswer: TypeType; Answer: BOOLEAN END

MsgRClrPupFilter [*EtherTypes*] type = RECORD Head: Msg; TSocket: TypeType; Socket: Long; TAnswer: TypeType; Answer: Boolean END

MsgRecvEtherPacket [*EtherTypes*] type = MsgEtherPacket

MsgRecvPupPacket [*EtherTypes*] type = MsgPupPacket

MsgRGetEtherAddress [*EtherTypes*] type = RECORD Head: Msg; TEtherAddress: TypeType; EtherAddress: INTEGER END

MsgRSetEtherFilter [*EtherTypes*] type = RECORD Head: Msg; TTyp: TypeType; Typ: INTEGER; TAnswer: TypeType; Answer: BOOLEAN END

MsgRSetPupFilter [*EtherTypes*] type = RECORD Head: Msg; TSocket: TypeType; Socket: Long; TAnswer: TypeType; Answer: Boolean END

MsgSendEtherPacket [*EtherTypes*] type = MsgEtherPacket

MsgSendPupPacket [*EtherTypes*] type = MsgPupPacket

MsgSetEtherFilter [*EtherTypes*] type = RECORD Head: Msg; TTyp: TypeType; Typ: INTEGER; TProcessPort: TypeType; ProcessPort: Port END

MsgSetPupFilter [*EtherTypes*] type = RECORD Head: Msg; TSocket: TypeType; Socket: Long; TProcessPort: TypeType; ProcessPort: Port END

MsgTooBig [*AccentType*] const = AccErr + 20

MulOvfl [*Except*] exception

MultiLevelProgress [*WindowUtils*] procedure(Level: integer; Current, Max: Long)

MultiStreamProgress [*WindowUtils*] procedure(Level: integer; var F: File)

Name_Flags [*SesameDefs*] type = 0..#3

Name_Status [*SesameDefs*] type = 0..#7

NameAmbiguous [*ProcMgrDefs*] const = ProcMgrBase + 8

NameBase [*NameErrors*] const = 1000

NameNotCheckedIn [*NameErrors*] const = NameBase + 1

NameNotFound [*SesameDefs*] const = Sesame_Error_Base + 1

NameNotYours [*NameErrors*] const = NameBase + 0

NameServerPort [*PascalInit*] var: port

Net10MBRecvServer [*Net10MBRecvServer*] function(InP, RepP: POINTER): boolean

Net_Version [*Net10MB*] function(ServPort: E10Port): String

NetFail [*AccentType*] const = AccErr + 11

NETWORKTROUBLE [*AccentType*] const = 2

NewP [*Dynamic*] procedure(S: HeapNumber; A: integer; var Where: pointer; L: integer)
NewToOldTime [*OldTimeStamp*] function(NewTime: Internal_Time): TimeStamp
NextExtension [*PathName*] function(var EList: Extension_List): string
NextOp [*Except*] exception
NFlag_Deleted [*SesameDefs*] const = #000001
NFlag_NoNormal [*SesameDefs*] const = #000002
NFlag_RESERVED [*SesameDefs*] const = #177774
NilPointer [*Dynamic*] exception
No_User [*AuthDefs*] const = 0
NoAccess [*SesameDefs*] const = Sesame_Error_Base + 9
NoAvailablePages [*AccentType*] const = AccErr + 37
NoChildren [*ProcMgrDefs*] const = ProcMgrBase + 6
NoMorePorts [*AccentType*] const = AccErr + 9
NOREPLY [*AccentType*] const = 4
NORMALMSG [*AccentType*] const = 0
NormMsg [*Except*] exception
NotADirectory [*SesameDefs*] const = Sesame_Error_Base + 12
NotAFile [*SesameDefs*] const = Sesame_Error_Base + 8
NotAFont [*AccentType*] const = AccErr + 58
NotAnIPCCall [*AccentType*] const = AccErr + 17
NotAPort [*AccentType*] const = AccErr + 7
NotASystemAddress [*AccentType*] const = AccErr + 50
NotAUserAddress [*AccentType*] const = AccErr + 51
NotBoolean [*Stream*] exception(FileName: SName)
NotCurrentProcess [*AccentType*] const = AccErr + 28
NotEnoughRoom [*AccentType*] const = AccErr + 16
NotIdentifier [*Stream*] exception(FileName: SName)
NotNumber [*Stream*] exception(FileName: SName)
NotOpen [*Stream*] exception
NotPortReceiver [*AccentType*] const = AccErr + 14
NotReal [*Stream*] exception(FileName: SName)
NotReset [*Stream*] exception(FileName: SName)
NotRewrite [*Stream*] exception(FileName: SName)
NotSamePartition [*SesameDefs*] const = Sesame_Error_Base + 10
NotTextFile [*Stream*] exception(FileName: SName)
NotYourChild [*AccentType*] const = AccErr + 21
NStat_Deleted [*SesameDefs*] const = #000001
NStat_High [*SesameDefs*] const = #000002
NStat_Low [*SesameDefs*] const = #000004
NStat_RESERVED [*SesameDefs*] const = #177770
NTIMERS [*SapphFileDefs*] const = 20
Null_CommandBlock [*CommandDefs*] function: CommandBlock
NULLPORT [*AccentType*] const = 0
NULLViewPort [*SapphDefs*] const = NullPort
NullWindow [*SapphDefs*] const = NullPort
NUMMSGTYPES [*AccentType*] const = 2
NUMPRIORITIES [*AccentType*] const = 16
NumProgressBars [*SapphDefs*] const = 2
NUMQUEUES [*AccentType*] const = NUMSLEEPQS + NUMPRIORITIES + 5
NUMSLEEPQS [*AccentType*] const = 32
OFFSCREEN [*SapphDefs*] const = -32002
OFFSETBASE [*CFileDefs*] const = 16000
OffsetDef [*CFileDefs*] const = 11

OldCurrentTime [*OldTimeStamp*] function: TimeStamp
OldToNewTime [*OldTimeStamp*] function(OldTime: TimeStamp): Internal_Time
OpenCmdFile [*CommandParse*] function(FileName: pWord_String; var inF: pCommand_File_List): GeneralReturn
OpenIO [*IO*] function(ServPort: ServerNamePort; var IOPort: ServerIOPort; UserPort: UserEventPort): GeneralReturn
Other [*AccentType*] const = AccErr + 13
OutOfImagSegments [*AccentType*] const = AccErr + 49
OutOfIPCSpace [*AccentType*] const = AccErr + 23
OutOfRectangleBounds [*AccentType*] const = AccErr + 54
OUTREGION [*SapphDefs*] const = 0
OvfILI [*Except*] exception
OvrReal [*Except*] exception
Owner_Read_Access [*SesDiskDefs*] const = #1
Owner_Write_Access [*SesDiskDefs*] const = #2
PacketBytes [*EtherTypes*] const = 2*WordSize(MsgPacket)
Pad [*Spice_String*] function(Str: PString; TotalLen: integer; PadCh: Char; Where: integer): Pstring
PAGEBITS [*AccentType*] const = 8
PAGEBYTESIZE [*AccentType*] const = 512
PAGEWORDSIZE [*AccentType*] const = PAGEBYTESIZE div 2
ParseChPool [*CommandParse*] function(ChPool: pCharacter_Pool; PoolLength: Char_Pool_Index; var inputs: pCommand_Word_List; var outputs: pCommand_Word_List; var switches: pCommand_Word_List): GeneralReturn
ParseCommand [*CommandParse*] function(var inputs: pCommand_Word_List; var outputs: pCommand_Word_List; var switches: pCommand_Word_List): GeneralReturn
ParseEtherAddress [*EtherUser*] function(MsgP: pMsgRGetEtherAddress): INTEGER
ParseEtherClear [*EtherUser*] function(MsgP: pMsgRClrEtherFilter; VAR Typ: INTEGER): BOOLEAN
ParseEtherFilter [*EtherUser*] function(MsgP: pMsgRSetEtherFilter; VAR Typ: INTEGER): BOOLEAN
ParseEtherPacket [*EtherUser*] function(MsgP: pMsgRecvEtherPacket; Packet: POINTER): INTEGER
ParseIllegalCharInEnvNam [*CommandDefs*] const = CmdParse_Error_Base + 19
ParseIllegalCharInInRed [*CommandDefs*] const = CmdParse_Error_Base + 22
ParseIllegalCharInOutRed [*CommandDefs*] const = CmdParse_Error_Base + 23
ParseIllegalCharInQuoted [*CommandDefs*] const = CmdParse_Error_Base + 20
ParseIllegalCharInShPara [*CommandDefs*] const = CmdParse_Error_Base + 24
ParseIllegalCharInSwName [*CommandDefs*] const = CmdParse_Error_Base + 17
ParseIllegalCharInSwVal [*CommandDefs*] const = CmdParse_Error_Base + 18
ParseInternalFault [*CommandDefs*] const = CmdParse_Error_Base + 15
ParseOnlyCmdAllowed [*CommandDefs*] const = CmdParse_Error_Base + 21
ParsePupClear [*EtherUser*] function(MsgP: pMsgRClrPupFilter; VAR Socket: Long): BOOLEAN
ParsePupFilter [*EtherUser*] function(MsgP: pMsgRSetPupFilter; VAR Socket: Long): BOOLEAN
ParsePupPacket [*EtherUser*] procedure(MsgP: pMsgRecvPupPacket; PupPacket: POINTER)
ParseWordTooLong [*CommandDefs*] const = CmdParse_Error_Base + 16
PartData [*SesDiskDefs*] type = record PartName: DevPartString; DevName: DevPartString; PartRootDir: SegID; PartNumFree: long; PartMounted: boolean; PartStart: DiskAddr; PartEnd: DiskAddr; PartKind: PartitionType; PartExUse: boolean; end
PartDisMount [*AccInt*] function(ServPort: port): GeneralReturn
PartDList [*SesDiskDefs*] type = array[1..MAXPARTITIONS] of PartData
PartInfo [*AccentType*] type = record PartHeadFree: DiskAddr; PartTailFree: DiskAddr; PartInfoBlk: DiskAddr; PartRootDir: SegID; PartNumOps: integer; PartNumFree: long; PartInUse: boolean; PartMounted: boolean; PartDevice: integer; PartStart: DiskAddr; PartEnd: DiskAddr; PartKind: PartitionType; PartName: PartString; PartExUse: boolean; Unused: long; PartDiskRel: boolean; end
PartitionFull [*AccentType*] const = AccErr + 59

PartitionType [*AccentType*] type = (Root, UnUsed, Segment, PLX)
PartList [*AccentType*] type = array[1..MAXPARTITIONS] of PartInfo
PartMount [*AccInt*] function(ServPort: port; PartName: DevPartString; ExUse: Boolean; var RootId: SegID; var PartKind: PartitionType; var PartPort: port; var PartS: DiskAddr; var PartE: DiskAddr): GeneralReturn
PartString [*AccentType*] type = string[MAXPARTCHARS]
PascalProcedure [*CFileDefs*] const = 1
PASCALRECORD [*IPCRecordIO*] const = #12345
PassType [*AuthDefs*] type = Long
PassWordIncorrect [*AuthDefs*] const = Auth_Error_Base+2
PastEof [*Stream*] exception(FileName: SName)
Path_Name [*PathName*] type = string[Path_Name_Size]
Path_Name_Size [*SesameDefs*] const = 255
PattDebug [*PMatch*] procedure(v: boolean)
Pattern [*SapphFileDefs*] type = ↑PatternMap
PatternMap [*SapphFileDefs*] type = array[0..63, 0..3] of integer
PattMap [*PMatch*] function(var str, inpatt, outpatt, outstr: pms255; fold: boolean): boolean
PattMatch [*PMatch*] function(var str, pattern: pms255; fold: boolean): boolean
pBit32 [*AccentType*] type = ↑Bit32
pCharacter_Pool [*CommandDefs*] type = ↑Character_Pool
PCInData [*CFileDefs*] const = DataState
PCInData2 [*CFileDefs*] const = Data2State
PCInText [*CFileDefs*] const = TextState
pCmnd_String [*CommandParse*] type = ↑Cmnd_String
pCommand_File_List [*CommandParse*] type = ↑Command_File_List
pCommand_Word_List [*CommandParse*] type = ↑Command_Word_List
PCStateName [*CFileDefs*] function(x: Bit8): string
pCursorArrayRec [*SapphFileDefs*] type = ↑CursorArrayRec
pE10Message [*Ether10Defs*] type = ↑E10Message
pE10Packet [*Ether10Defs*] type = ↑E10Packet
pEtherPacket [*EtherTypes*] type = ↑EtherPacket
pFEarray [*RunDefs*] type = ↑FEarray
pFirstBlock [*CFileDefs*] type = ↑FirstBlock
pFNString [*Code*] type = ↑FNString
PhysicalAddress [*AccentType*] type = long
pImpArray [*RunDefs*] type = ↑ImpArray
pImpInfo [*SegDefs*] type = ↑CImpInfo
pImpNode [*Code*] type = ↑ImpNode
pIOCmdBlk [*IODefs*] type = ↑IOCmdBlk
pIOMessage [*IODefs*] type = ↑IOMessage
pKeyTab [*SapphFileDefs*] type = ↑KeyTransTab
pLMsg [*AccCall*] type = ↑LMsg
PMAddCtlWindow [*ProcMgr*] function(ServPort: port; CtlWindow: window; NewCtlWindow: window): GeneralReturn
PMBroadcast [*ProcMgr*] function(ServPort: port; s: string): GeneralReturn
PMChangeGroup [*ProcMgr*] function(ServPort: port; ProcPort: port; NewWindow: window): GeneralReturn
PMDebug [*ProcMgr*] function(ServPort: port; ProcID: string): GeneralReturn
PMDebugProcess [*ProcMgr*] function(ServPort: port; ProcPort: port; Reason: long): GeneralReturn
PMGetProcPorts [*ProcMgr*] function(ServPort: port; ProcPort: port; var hisWindow: window; var hisTypescript: typescript; var hisEMConn: port): GeneralReturn
PMGetStatus [*ProcMgr*] function(ServPort: port; ProcID: string; var Stats: StatList; var Stats_Cnt: long): GeneralReturn

PMGetTimes [*ProcMgr*] function(ServPort: port; ProcPort: port; var LoadTime: long; var RunTime: long; var ElapsedTime: long): GeneralReturn
PMGetWaitID [*ProcMgr*] function(ServPort: port; ProcPort: port; var WaitID: long): GeneralReturn
PMGroupSignal [*ProcMgr*] procedure(ServPort: port; CtlWindow: window; Signal: SignalName)
PMIndex [*PascalInit*] const = 4
PMKill [*ProcMgr*] function(ServPort: port; ProcID: string): GeneralReturn
PMPort [*PascalInit*] var: port
PMProcessSignal [*ProcMgr*] procedure(ServPort: port; ProcPort: port; Signal: SignalName)
PMRegisterProcess [*ProcMgr*] function(ServPort: port; HisKPort: port; HisDPort: port; ProgName: string; HisWindow: window; HisTypescript: typescript; EMConn: port; Parent: port): GeneralReturn
PMRemoveCtlWindow [*ProcMgr*] function(ServPort: port; CtlWindow: window): GeneralReturn
PMResume [*ProcMgr*] function(ServPort: port; ProcID: string): GeneralReturn
pms255 [*PMatch*] type = String[255]
PMSaveLoadTime [*ProcMgr*] function(ServPort: port; ProcPort: port; LoadTime: long): GeneralReturn
PMSetDebugPort [*ProcMgr*] function(ServPort: port; ProcPort: port; DebugPort: port; DebugSignalOnly: boolean): GeneralReturn
PMSetPriority [*ProcMgr*] function(ServPort: port; ProcID: string; priority: integer): GeneralReturn
PMSetSignal [*ProcMgr*] function(ServPort: port; ProcPort: port; Signal: SignalName; Action: SignalAction): GeneralReturn
PMSetSignalPort [*ProcMgr*] function(ServPort: port; ProcPort: port; SignalPort: port): GeneralReturn
pMsgClrEtherFilter [*EtherTypes*] type = ↑MsgClrEtherFilter
pMsgClrPupFilter [*EtherTypes*] type = ↑MsgClrPupFilter
pMsgGetEtherAddress [*EtherTypes*] type = ↑MsgGetEtherAddress
pMsgLog [*AccCall*] type = ↑MsgLog
pMsgRClrEtherFilter [*EtherTypes*] type = ↑MsgRClrEtherFilter
pMsgRClrPupFilter [*EtherTypes*] type = ↑MsgRClrPupFilter
pMsgRecvEtherPacket [*EtherTypes*] type = ↑MsgRecvEtherPacket
pMsgRecvPupPacket [*EtherTypes*] type = ↑MsgRecvPupPacket
pMsgRGetEtherAddress [*EtherTypes*] type = ↑MsgRGetEtherAddress
pMsgRSetEtherFilter [*EtherTypes*] type = ↑MsgRSetEtherFilter
pMsgRSetPupFilter [*EtherTypes*] type = ↑MsgRSetPupFilter
pMsgSendEtherPacket [*EtherTypes*] type = ↑MsgSendEtherPacket
pMsgSendPupPacket [*EtherTypes*] type = ↑MsgSendPupPacket
pMsgSetEtherFilter [*EtherTypes*] type = ↑MsgSetEtherFilter
pMsgSetPupFilter [*EtherTypes*] type = ↑MsgSetPupFilter
PMSuspend [*ProcMgr*] function(ServPort: port; ProcID: string): GeneralReturn
PMTerminate [*ProcMgr*] function(ServPort: port; ProcPort: port; Reason: long): GeneralReturn
Port [*AccentType*] type = long
PortArray [*AccentType*] type = array[0..MAXPORTS – 1] of Port
PortBitArray [*AccentType*] type = packed array[0..MAXPORTS – 1] of boolean
PortDeath [*AccentType*] type = EXPLICITDEALLOC..NETWORKTROUBLE
PortFull [*AccentType*] const = AccErr + 3
PortInterpose [*AccInt*] function(ServPort: port; MyPort: Port; HisPort: port; var MyNewPort: Port): GeneralReturn
PortOption [*AccentType*] type = DEFAULTPTS..LOCALPT
PortraitBitHeight [*SapphDefs*] const = 1024
PortraitBitWidth [*SapphDefs*] const = 768
PortsWithMessages [*AccCall*] function(MsgType: long; var ports: PortBitArray): GeneralReturn
PosC [*Spice_String*] function(Str: PString; c: char): integer
PosString [*Spice_String*] function(Source, Mask: PString): Integer
PosSystem [*SysType*] const = false

Power [*RealFunctions*] function(X, Y: Real): Real
PowerBig [*RealFunctions*] exception(X, Y: Real)
PowerI [*RealFunctions*] function(X: Real; Y: Integer): Real
PowerNeg [*RealFunctions*] exception(X, Y: Real)
PowerSmall [*RealFunctions*] exception(X, Y: Real)
PowerZero [*RealFunctions*] exception(X, Y: Real)
pPupData [*EtherTypes*] type = ↑PupData
pPupPacket [*EtherTypes*] type = ↑PupPacket
pQMap [*QMapDefs*] type = ↑QCodeMap
pQMap_Buffer [*QMapDefs*] type = ↑QMap_Buffer
pQMap_ByteBuffer [*QMapDefs*] type = ↑QMap_ByteBuffer
pQMapDict [*QMapDefs*] type = ↑QMapDict
PReadIn [*Stream*] procedure(var F: Filetype)
pRectArray [*SapphDefs*] type = ↑RectArray
PREVIEW [*AccentType*] const = 0
PrimaryDef [*CFileDefs*] const = 10
Print_Name [*SesameDefs*] type = string[Print_Name_Size]
Print_Name_Size [*SesameDefs*] const = 80
PriorID [*AccentType*] type = 0..NUMPRIORITIES - 1
PROCESSDEATH [*AccentType*] const = 1
ProcessDeathMsg [*ProcMgrDefs*] type = record Head: Msg; tWaitID: TypeType; WaitID: long; tReason: TypeType; Reason: long; tLoadTime: TypeType; LoadTime: long; tRunTime: TypeType; RunTime: long; tElapsedTime: TypeType; ElapsedTime: long; end
ProcessDeathMsgID [*ProcMgrDefs*] const = 3800
ProcessDisowned [*ProcMgrDefs*] const = ProcMgrBase + 9
ProcID [*AccentType*] type = integer
ProcMgr_Version [*ProcMgr*] function(ServPort: port): string
ProcMgrBase [*ProcMgrDefs*] const = 3600
ProcState [*AccentType*] type = (Supervisor, Privileged, BadSupervisor, User)
ProgressInTitle [*SapphDefs*] const = 1
ProgStr [*SapphDefs*] type = String[ProgStrLength]
ProgStrLength [*SapphDefs*] const = (IconWidth - 2*BorderOverhead) div SysFontWidth
Prompt_Indention_String [*ExtraCmdParse*] const = ".
pRunHead [*RunDefs*] type = ↑RunHead
pSEarray [*RunDefs*] type = ↑SEarray
pSegBlock [*Code*] type = ↑SegBlock
pSegBlock [*SegDefs*] type = ↑SegBlock
pSegNode [*Code*] type = ↑SegNode
pSourceMap [*QMapDefs*] type = ↑SourceMap
PStatus [*AccentType*] type = record State: ProcState; Priority: PriorID; MsgPending: boolean; EMsgPending: boolean; MsgEnable: boolean; EMsgEnable: boolean; LimitSet: boolean; SVStkInCore: boolean; QueueID: QID; SleepID: ptrInteger; RunTime: long; LimitTime: long end
pStreamBuffer [*Stream*] type = ↑StreamBuffer
pStreamF [*Stream*] type = ↑StreamF
PString [*Spice_String*] type = String[MaxPStringSize]
ptrAllPortArray [*AccentType*] type = ↑PortArray
ptrArguments [*AccentType*] type = ↑Arguments
ptrBIRecord [*BootInfo*] type = ↑BIRecord
ptrBoolean [*AccentType*] type = ↑boolean
ptrDirIOArgs [*AccentType*] type = ↑DirectioArgs
ptrInteger [*AccentType*] type = ↑integer
ptrLPortArray [*AccentType*] type = ↑LPortArray
ptrMsg [*AccentType*] type = ↑Msg

ptrPartDList [*SesDiskDefs*] type = ↑PartDList
ptrPartList [*AccentType*] type = ↑PartList
ptrPort [*AccentType*] type = ↑Port
ptrPortArray [*AccentType*] type = ↑PortArray
ptrPortBitArray [*AccentType*] type = ↑PortBitArray
pTSCharArray [*TSDefs*] type = ↑TSCharArray
PupCMUNet [*EtherTypes*] const = #52
PupData [*EtherTypes*] type = RECORD CASE INTEGER OF 0: (Chars: PACKED ARRAY[0..1043] OF CHAR); 1: (Bytes: PACKED ARRAY[0..1043] OF 0..255); 2: (Words: PACKED ARRAY[0..521] OF INTEGER); 3: (HLongs: PACKED ARRAY[0..260] OF PupHLong); 4: (Ports: PACKED ARRAY[0..260] OF PupPort); END
PupEFTPAck [*EtherTypes*] const = #31
PupEFTPBort [*EtherTypes*] const = #33
PupEFTPData [*EtherTypes*] const = #30
PupEFTPEnd [*EtherTypes*] const = #32
PupEFTPSocket [*EtherTypes*] const = #20*#200000
PupError [*EtherTypes*] const = #4
PupHeader [*EtherTypes*] type = PACKED RECORD Len: INTEGER; Typ: 0..255; TC: 0..255; Id: PupHLong; Dst: PupPort; Src: PupPort END
PupHLong [*EtherTypes*] type = RECORD CASE INTEGER OF 1: (Lng: Long); 2: (Hgh: Integer; Low: Integer); END
PupLLong [*EtherTypes*] type = RECORD CASE INTEGER OF 1: (Lng: Long); 2: (Low: Integer; Hgh: Integer) END
PupNameSocket [*EtherTypes*] const = #4*#200000
PupPacket [*EtherTypes*] type = RECORD CASE INTEGER OF 0: (Header: PupHeader; Data: PupData); 1: (ChkSums: ARRAY[0..532] OF Integer) END
PupPacketBytes [*EtherTypes*] const = 2*WordSize(MsgPupPacket)
PupPort [*EtherTypes*] type = PACKED RECORD CASE integer OF 0: (Host: 0..255; Net: 0..255; Soc: PupHLong); 1: (All: PACKED ARRAY[0..5] OF Char) END
PushRegion [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer; leftx: integer; topy: integer; width: integer; height: integer)
PutAbsoluteDef [*CFileDefs*] procedure(var BytePtr: long; ByteAddress: long; Name: LString)
PutAbsoluteLocalDef [*CFileDefs*] procedure(var BytePtr: long; ByteAddress: long; Name: LString)
PutB [*Stream*] procedure(var F: Filetype)
PutC [*Stream*] procedure(var F: FileType)
PutChainHead [*CFileDefs*] procedure(var BytePtr: long; AreaDesg: Bit8; ByteAreaOff: long)
PutLibraryDef [*CFileDefs*] procedure(var BytePtr: long; LibraryFileName: LString; LibraryTimeStamp: Internal_Time; LibraryLoc: long)
PutOffsetDef [*CFileDefs*] procedure(var BytePtr: long; WdOffsetAmt: long)
PutPrimaryDef [*CFileDefs*] procedure(var BytePtr: long; SimKind: Bit8; AreaDesg: Bit8; AreaOffset: long; SymSize: long; SymName: LString)
PutViewportBit [*ViewPt*] procedure(ServPort: Viewport; x: integer; y: integer; value: boolean)
PutViewportRectangle [*ViewPt*] procedure(ServPort: Viewport; Funct: RopFunct; x: integer; y: integer; width: integer; height: integer; Data: pVPIntegerArray; Data_Cnt: long; WordsAcross: integer; ux: integer; uy: integer)
pVar_CharAr [*SymDefs*] type = ↑Var_CharAr
pVar_IntAr [*SymDefs*] type = ↑Var_IntAr
pVarDictEntry [*SymDefs*] type = ↑VarDictEntry
pVPCharArray [*SapphDefs*] type = ↑VPCharArray
pVPIntegerArray [*SapphDefs*] type = ↑VPIntegerArray
pVPPortArray [*SapphDefs*] type = ↑VPPortArray
pWinNameArray [*SapphDefs*] type = ↑WinNameArray
pWord_Search_Table [*CommandParse*] type = POINTER
pWord_String [*CommandParse*] type = ↑Word_String
PWriteln [*Stream*] procedure(var F: Filetype)

QCodeMap [*QMapDefs*] type = Array[0..QMap_entries_per_block – 1] of QMapInfoRecord
QCodeVersion [*Code*] const = 4
QCodeVersion [*SegDefs*] const = 4
QID [*AccentType*] type = 0..NUMQUEUES
QMap_Buffer [*QMapDefs*] type = array[0..PageWordSize – 1] of integer
QMap_ByteBuffer [*QMapDefs*] type = array[0..PageByteSize – 1] of bit8
QMap_entries_per_block [*QMapDefs*] const = 256 div WSQMapInfoRecord
QMap_ptr_type [*QMapDefs*] type = record case integer of 0: (P: POINTER); 1: (Buffer: pQMap_Buffer); 2: (ByteBuffer: pQMap_ByteBuffer); 2: (p: pDirBlk); 2: (pDict: pQMapDict); 3: (pMap: pQMap); 4: (pSource: pSourceMap); end
QMapDict [*QMapDefs*] type = Record CompID: Internal_Time; SourceFileBlock: Integer; Routines: array[0..Max_QmapRoutines] of integer; CompID: TimeStamp; SourceFileBlock: Integer; Routines: array[0..252] of integer; End
QMapInfoRecord [*QMapDefs*] type = packed record QCodeNumber: integer; SourceLineNumber: integer; BlockNumber: integer; Offset: 0..511; SourceFileNumber: 0..127; end
QuitMultiProgress [*WindowUtils*] procedure(Level: integer)
QuitProgress [*WindowUtils*] procedure
Quote_Char [*SesameDefs*] const = '\'
quoted_text_bracket_char [*CommandParse*] const = ''''
QVerRange [*Code*] type = 0..255
QVerRange [*SegDefs*] type = 0..255
RaiseP [*Except*] procedure(ES, ER, PStart, PEnd: Integer)
RandomProgress [*WindowUtils*] procedure
ReadBoolean [*Reader*] procedure(var F: FileType; var X: boolean)
ReadCh [*Reader*] procedure(var F: FileType; var X: char; Field: integer)
ReadChArray [*Reader*] procedure(var F: FileType; var X: ChArray; Max, Len: integer)
ReadD [*PasLong*] procedure(var F: FileType; var X: long; B: integer)
ReadExtendedFile [*PathName*] function(var PathName: Path_Name; ExtensionList: Extension_List; ImplicitSearchList: Env_Var_Name; var Data: File_Data; var ByteCount: long): GeneralReturn
ReadFile [*PathName*] function(var PathName: Path_Name; var Data: File_Data; var ByteCount: long): GeneralReturn
ReadIdentifier [*Reader*] procedure(var F: FileType; var X: integer; var IT: IdentTable; L: integer)
ReadInteger [*Reader*] procedure(var F: FileType; var X: integer)
READONLY [*AccentType*] const = 0
ReadProcessMemory [*AccInt*] function(ServPort: port; Address: VirtualAddress; NumBytes: Long; var Data: Pointer; var Data_Cnt: long): GeneralReturn
ReadR [*PasReal*] procedure(var F: FileType; var value: real)
ReadSegment [*AccInt*] function(ServPort: port; Segment: SegID; Offset: Integer; NumPages: Integer; var Data: Pointer; var Data_Cnt: long): GeneralReturn
ReadString [*Reader*] procedure(var F: FileType; var X: String; Max, Len: integer)
READWRITE [*AccentType*] const = 1
ReadX [*Reader*] procedure(var F: FileType; var X: integer; B: integer)
RealDivZero [*Except*] exception
RealMIndefinite [*RealFunctions*] const = Recast(#20000000001, Real)
RealMInfinity [*RealFunctions*] const = Recast(#37740000000, Real)
RealMLargest [*RealFunctions*] const = Recast(#37737777777, Real)
RealMSmallest [*RealFunctions*] const = Recast(#20040000000, Real)
RealPIndefinite [*RealFunctions*] const = Recast(#00000000001, Real)
RealPInfinity [*RealFunctions*] const = Recast(#17740000000, Real)
RealPLargest [*RealFunctions*] const = Recast(#17737777777, Real)
RealPSmallest [*RealFunctions*] const = Recast(#00040000000, Real)
RealWriteError [*Stream*] exception(FileName: SName)
Receive [*AccCall*] function(var xxmsg: Msg; MaxWait: long; PortOpt: PortOption; Option: ReceiveOption): GeneralReturn

RECEIVEIT [*AccentType*] const = 1
ReceiveOption [*AccentType*] type = PREVIEW..RECEIVEWAIT
RECEIVEWAIT [*AccentType*] const = 2
RecMsg [*IPCRecordIO*] type = record Head: Msg; RecType: TypeType; RecName: integer; RecSize: integer; RecElts: long; RecPtr: pointer end
RECMSGSIZE [*IPCRecordIO*] const = WordSize(RecMsg)*2
RecRecord [*IPCRecordIO*] function(var localport: Port; var remoteport: Port; var id: long; var MsgType: long; var recptr: Pointer; var recsize: integer): GeneralReturn
Rectangle [*SapphDefs*] type = record lx, ty, w, h: integer; end
RectArray [*SapphDefs*] type = Array[1..MaxNumRectangles] of Rectangle
RectColor [*AccCall*] function(Rectangle: Port; Action: integer; X: integer; Y: integer; Width: integer; Height: integer): GeneralReturn
RectColorFunct [*SapphDefs*] type = (RectBlack, RectWhite, RectInvert)
RectDrawLine [*AccCall*] function(DstRectangle: Port; Kind: integer; X1, Y1, X2, Y2: integer): GeneralReturn
RectPutString [*AccCall*] function(DstRectangle: Port; FontRectangle: Port; Action: integer; var FirstX: integer; var FirstY: integer; StrPtr: Pointer; FirstChar: integer; var MaxChar: integer): GeneralReturn
RectRasterOp [*AccCall*] function(DstRectangle: Port; Action: integer; DstX: integer; DstY: integer; Width: integer; Height: integer; SrcRectangle: Port; SrcX: integer; SrcY: integer): GeneralReturn
RectScroll [*AccCall*] function(Rectangle: Port; X: integer; Y: integer; Width: integer; Height: integer; Xamt: integer; Yamt: integer): GeneralReturn
RemoveExtension [*PathName*] procedure(var fileName: Path_Name; Extension: String)
RemoveWindow [*Sapph*] procedure(ServPort: Window)
RemoveWindowAttentionFlag [*WindowUtils*] procedure
RemoveWindowErrorFlag [*WindowUtils*] procedure
RemoveWindowRequestFlag [*WindowUtils*] procedure
ReplaceChars [*Spice_String*] procedure(var Str: PString; NewS: PString; Index: integer)
REPLY [*AccentType*] const = 2
ReplyCode [*EtherTypes*] const = 1
ReserveCursor [*ViewPt*] procedure(ServPort: Viewport; reserve: boolean)
ReserveScreen [*ViewPt*] procedure(ServPort: Viewport; reserve: boolean)
ResetError [*Stream*] exception(FileName: SName)
ResetHeap [*Dynamic*] procedure(S: HeapNumber)
ResolveSearchList [*EnvMgr*] function(ServPort: Port; Name: Env_Var_Name; FirstOnly: boolean; var Variable: Env_Variable; var Variable_Cnt: long; var FirstDefined: boolean): GeneralReturn
RestoreWindow [*Sapph*] procedure(ServPort: Window)
Resume [*AccInt*] function(ServPort: port): GeneralReturn
RevPosC [*Spice_String*] function(Str: PString; c: char): integer
RevPosString [*Spice_String*] function(Source, Mask: PString): Integer
RewriteError [*Stream*] exception(FileName: SName)
RFDELAYEDMAIN [*RunDefs*] const = 255
RFFORMAT [*RunDefs*] const = 5
RFileFormat [*Code*] const = 2
RMAXFILE [*RunDefs*] const = 255
RMAXIMPORT [*RunDefs*] const = 4095
RMAXSEG [*RunDefs*] const = RFDELAYEDMAIN – 1
RopFunct [*SapphDefs*] type = (RRpl, RNot, RAnd, RAndNot, ROr, ROrNot, RXor, RXNor)
RoundTo [*CFileDefs*] procedure(var Value: long; Boundary: integer)
RRecMsg [*IPCRecordIO*] type = record Head: Msg; RecType: TypeType; RecName: integer; RecSize: integer; RecElts: long; RecPtr: pointer; filler: array[1..100] of integer end
RRECMSGSIZE [*IPCRecordIO*] const = WordSize(RRecMsg)*2
RS110 [*IODefs*] const = 1
RS1200 [*IODefs*] const = 5

RS150 [*IODefs*] const = 2
RS19200 [*IODefs*] const = 9
RS2400 [*IODefs*] const = 6
RS300 [*IODefs*] const = 3
RS4800 [*IODefs*] const = 7
RS600 [*IODefs*] const = 4
RS9600 [*IODefs*] const = 8
RSExt [*IODefs*] const = 0
RtoIOvfl [*Except*] exception
RunElement [*Code*] type = (RunHeader, SysSegment, UserSegment, Import, SegFileNames)
RunFileType [*Code*] type = file of Integer
RunHead [*RunDefs*] type = record RFileFormat: integer; InitSeg: SegIndex; MainSeg: SegIndex; LinkVersion: string[20]; LinkLocation: string[20]; LinkDate: Internal_Time; LinkCommand: string; Version: long; SegEntryOffset: long; NumSegs: SegIndex; ImpIndexOffset: long; NumImports: ImpIndex; FileEntryOffset: long; NumFiles: FileIndex; end
RUNHEADLOC [*RunDefs*] const = PageWordSize
RunInfo [*Code*] type = record RFileFormat: integer; Version: integer; System: boolean; InitialGP: integer; CurOffset: integer; StackSize: integer; StackIncr: integer; HeapSize: integer; HeapIncr: integer; ProgramSN: integer; SegCount: integer end
SaphEmrServer [*SaphEmrServer*] function(InP, RepP: POINTER): boolean
Sapph_Version [*Sapph*] function(ServPort: Window): String
SapphIndex [*PascalInit*] const = 2
SapphPort [*PascalInit*] var: Port
SapphSystem [*SysType*] const = true
Scan [*Spice_String*] function(var S: Pstring; BT: breaktable; var BRK: Pstring): Pstring
ScanEnvVariables [*EnvMgr*] function(ServPort: Port; SearchScope: Env_Var_Scope; var EnvScanList: Env_Scan_List; var EnvScanList_Cnt: long): GeneralReturn
ScreenToVPCoords [*ViewPt*] procedure(ServPort: Viewport; scrX: integer; scrY: integer; var x: integer; var y: integer)
Searchlist_Separator [*EnvMgrDefs*] const = ':'
SearchlistLoop [*EnvMgrDefs*] const = Env_Error_Base + 4
SEarray [*RunDefs*] type = array[SegIndex] of SegEntry
SECName [*CFileDefs*] function(x: Bit8): string
SegBaseAddr [*CFileDefs*] function(Segnum: integer): long
SegBlock [*Code*] type = packed record case integer of 0: (ProgramSegment: boolean; LongIds: boolean; DbgInfoExists: boolean; OptimizedCode: boolean; SegBlkFiller: 0..15; QVersion: QVerRange; ModuleName: SNArray; FileName: FNString; NumSeg: integer; ImportBlock: integer; GDBSize: integer; Version: String[CommentLen]; Comment: String[CommentLen]; Source: Language; PreLinkBlock: integer; RoutDescBlock: integer; DiagBlock: integer; QMapFileName: FNString; SymFileName: FNString; CompId: TimeStamp); 1: (OffsetRD: integer; RoutsThisSeg: integer); 2: (Block: array[0..255] of integer) end
SegBlock [*SegDefs*] type = packed record case integer of 0: (ProgramSegment: boolean; LongIds: boolean; DbgInfoExists: boolean; OptimizedCode: boolean; ThirtyChIds: boolean; SegBlkFiller: 0..7; QVersion: QVerRange; ModuleName: SNArray; FileName: FNString; NumSeg: integer; ImportBlock: integer; GDBSize: integer; Version: String[CommentLen]; Comment: String[CommentLen]; Source: Language; PreLinkBlock: integer; RoutDescBlock: integer; DiagBlock: integer; QMapFileName: FNString; SymFileName: FNString; CompId: TimeStamp); 1: (OffsetRD: integer; RoutsThisSeg: integer); 2: (Block: array[0..255] of integer) end
SegEntry [*RunDefs*] type = record ModuleName: ModString; GDBSize: long; GDBLocation: long; SegFile: FileIndex; SegHdrOffset: long; SegHdrSize: long; CodeOffset: long; CodeSize: long; ImportsOffset: long; ImportsSize: long; ProcNamesOffset: long; ProcNamesSize: long; SymsFile: FileIndex; SymsOffset: long; SymsSize: long; QMapFile: FileIndex; QMapOffset: long; QMapSize: long; FirstImport: ImpIndex; NumImports: integer; end
SegFileType [*Code*] type = file of SegBlock
SegFileType [*SegDefs*] type = file of SegBlock

SegHint [*Code*] type = record case Integer of 1: (Fid: Integer; Update: TimeStamp); 2: (Word1: Integer; Word2: Integer; Word3: Integer) end

SegID [*AccentType*] type = long

SegIndex [*RunDefs*] type = 0..RFDELAYEDMAIN

SegLength [*Code*] const = 8

SegLength [*SegDefs*] const = 8

SegmentAlreadyExists [*AccentType*] const = AccErr + 48

SegmentOf [*CFileDefs*] function(Addr: long): integer

SegNode [*Code*] type = record SegId: SNArray; RootNam: pFNString; Hint: SegHint; GDBSize: integer; XSTSize: integer; GDBOff: integer; ISN: integer; CodeSize: integer; SSN: integer; UsageCnt: integer; ImpList: pImpNode; Next: pSegNode end

Send [*AccCall*] function(var xxmsg: Msg; MaxWait: long; Option: SendOption): GeneralReturn

SendEtherAddress [*EtherUser*] function(Reply: Port; MaxWait: long; Option: SendOption): GeneralReturn

SendEtherClear [*EtherUser*] function(Typ: INTEGER; Listener: Port; Reply: Port; MaxWait: long; Option: SendOption): GeneralReturn

SendEtherFilter [*EtherUser*] function(Typ: INTEGER; Listener: Port; Reply: Port; MaxWait: long; Option: SendOption): GeneralReturn

SendEtherPacket [*EtherUser*] function(Packet: POINTER; PacketWords: INTEGER; MaxWait: long; Option: SendOption): GeneralReturn

SendOption [*AccentType*] type = WAIT..REPLY

SendPupClear [*EtherUser*] function(Socket: Long; Listener: Port; Reply: Port; MaxWait: long; Option: SendOption): GeneralReturn

SendPupFilter [*EtherUser*] function(Socket: Long; Listener: Port; Reply: Port; MaxWait: long; Option: SendOption): GeneralReturn

SendPupPacket [*EtherUser*] function(PupPacket: POINTER; MaxWait: long; Option: SendOption): GeneralReturn

SendRecord [*IPCRecordIO*] function(localport: Port; remoteport: Port; id: long; MsgType: long; recptr: Pointer; recsize: integer): GeneralReturn

ServerIOPort [*IODefs*] type = Port

ServerNamePort [*IODefs*] type = Port

Sesame_Error_Base [*SesameDefs*] const = 1200

SesameIndex [*PascalInit*] const = 1

SesAuthServerPort [*SesDisk*] function(ServPort: Port; AuthServerPort: Port): GeneralReturn

SesConnect [*SesDisk*] function(ServPort: Port; RegPort: Port): GeneralReturn

SesDirectio [*SesDisk*] function(ServPort: Port; var CmdBlk: DirectIOArgs; var DataHdr: Header; var Data: DiskBuffer): GeneralReturn

SesDisk_Error_Base [*SesDiskDefs*] const = 29400

SesDiskDisMount [*SesDisk*] function(ServPort: Port; PartName: string): GeneralReturn

SesDiskMount [*SesDisk*] function(ServPort: Port; PartName: string): GeneralReturn

SesEnterForeignSesamoid [*SesDisk*] function(ServPort: Port; APathName: APath_Name; ForeignPort: Port; ForeignPrefix: APath_Name): GeneralReturn

SesEnterSegID [*SesDisk*] function(ServPort: Port; var APathName: APath_Name; SegmentID: SegID): GeneralReturn

SesGetAccessRights [*SesDisk*] function(ServPort: Port; var APathName: APath_Name; var Owner: User_ID; var Rights: Access_Rights): GeneralReturn

SesGetDefaultAccess [*SesDisk*] function(ServPort: Port; var DefaultAccess: Access_Rights): GeneralReturn

SesGetDiskPartitions [*SesDisk*] function(ServPort: Port; var PartL: ptrPartDList; var NumElts: integer): GeneralReturn

SesGetFileHeader [*Sesame*] function(ServPort: port; APathName: APath_Name; var FileHeader: File_Header): GeneralReturn

SesGetNetPort [*SesDisk*] function(ServPort: Port; var SesNetPort: Port): GeneralReturn

SesGetSegID [*SesDisk*] function(ServPort: Port; var APathName: APath_Name; var SegmentID: SegID): GeneralReturn

SesGetSegName [*SesDisk*] function(ServPort: Port; SegmentID: SegID; var APathName: APath_Name): GeneralReturn

SesLookupForeignSesamoid [*SesDisk*] function(ServPort: Port; APathName: APath_Name; var ForeignPort: Port; var ForeignPrefix: APath_Name): GeneralReturn

SesMountDevice [*SesDisk*] function(ServPort: Port; interface: DiskInterface; log_unit: InterfaceInfo; var unitnum: integer; var PartL: ptrPartDList; var NumElts: integer): GeneralReturn

SesMsgServerPort [*SesDisk*] function(ServPort: Port; MsgServerPort: Port): GeneralReturn

SesPort [*PascalInit*] var: port

SesReadBoth [*Sesame*] function(ServPort: port; var APathName: APath_Name; var Data: File_Data; var Data_Cnt: long; var FileHeader: File_Header; var NameStatus: Name_Status): GeneralReturn

SesReadFile [*Sesame*] function(ServPort: port; var APathName: APath_Name; var Data: File_Data; var Data_Cnt: long; var DataFormat: Data_Format; var CreationDate: Internal_Time; var NameStatus: Name_Status): GeneralReturn

SesScanNames [*Sesame*] function(ServPort: port; WildAPathName: Wild_APath_Name; NameFlags: Name_Flags; EntryType: Entry_Type; var DirectoryName: APath_Name; var EntryList: Entry_List; var EntryList_Cnt: long): GeneralReturn

SesSetAccessRights [*SesDisk*] function(ServPort: Port; var APathName: APath_Name; NewOwner: User_ID; NewRights: Access_Rights): GeneralReturn

SesSetDefaultAccess [*SesDisk*] function(ServPort: Port; NewDefaultAccess: Access_Rights): GeneralReturn

SesSetPOSWriteDate [*SesDisk*] function(ServPort: Port; APathName: APath_Name; WriteDate: Internal_Time): GeneralReturn

SetAsmLong [*CFileDefs*] procedure(var ByteAddr: long; NewValue: long)

SetAsmString [*CFileDefs*] procedure(var ByteAddr: long; NewValue: LString)

SetBackLog [*AccInt*] function(ServPort: port; LocalPort: port; BackLog: Integer): GeneralReturn

SetBreak [*Spice_String*] procedure(BT: BreakTable; Break, Omit: PString; Options: BreakKind)

SetCodeByte [*CFileDefs*] procedure(var ByteAddr: long; NewValue: Bit8)

SetCodeLong [*CFileDefs*] procedure(var ByteAddr: long; NewValue: long)

SetCodeWord [*CFileDefs*] procedure(var ByteAddr: long; NewValue: integer)

SetCursorPos [*ViewPt*] procedure(ServPort: Viewport; x: integer; y: integer)

SetDataLong [*CFileDefs*] procedure(var ByteAddr: long; NewValue: long)

SetDateTime [*Time*] procedure(ServPort: port; ITime: Internal_Time)

SetDebugPort [*AccInt*] function(ServPort: port; DebugPort: port): GeneralReturn

SetEnvVariable [*EnvMgr*] function(ServPort: Port; Name: Env_Var_Name; VarType: Env_Var_Type; VarScope: Env_Var_Scope; Variable: Env_Variable; Variable_Cnt: long): GeneralReturn

SetKernelWindow [*AccInt*] function(ServPort: port; LeftX: Integer; TopY: Integer; Width: Integer; Height: Integer; Inverted: Boolean): GeneralReturn

SetLimit [*AccInt*] function(ServPort: port; ReplyPort: port; Limit: Long): GeneralReturn

SetListener [*ViewPt*] procedure(ServPort: Viewport)

SetPagingSegment [*AccInt*] function(ServPort: port; Segment: SegID): GeneralReturn

SetPMPort [*Sapph*] procedure(ServPort: Window; ProcCtlPort: Port)

SetPortsWaiting [*AccCall*] function(var ports: PortBitArray): GeneralReturn

SetPriority [*AccInt*] function(ServPort: port; Priority: PriorID): GeneralReturn

SetProtection [*AccInt*] function(ServPort: port; Address: VirtualAddress; NumBytes: Long; Protection: Integer): GeneralReturn

SetRegionCursor [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer; cursorImage: CursorSet; cursIndex: integer; cursFunc: CursorFunction; track: boolean)

SetRegionParms [*ViewPt*] procedure(ServPort: Viewport; regionNum: integer; absolute: boolean; speed: integer; minx: integer; maxx: integer; miny: integer; maxy: integer; modx: integer; posx: integer; mody: integer; posy: integer)

SetSystemZone [*Time*] procedure(ServPort: port; TimeZone: integer; DSTWhenTimely: boolean)

SetTempSegPartition [*AccInt*] function(ServPort: port; PartName: DevPartString): GeneralReturn

SetWindowAttention [*Sapph*] procedure(ServPort: Window; attn: boolean)

SetWindowError [*Sapph*] procedure(ServPort: Window; error: boolean)

SetWindowName [*Sapph*] procedure(ServPort: Window; var progName: ProgStr)
SetWindowProgress [*Sapph*] procedure(ServPort: Window; nestLevel: integer; value: Long; max: Long)
SetWindowRequest [*Sapph*] procedure(ServPort: Window; requesting: boolean)
SetWindowTitle [*Sapph*] procedure(ServPort: Window; title: TitStr)
shell_input_redirect [*CommandParse*] const = '<'
shell_output_redirect [*CommandParse*] const = '>'
shell_parallel_command [*CommandParse*] const = '&'
shell_piped_command [*CommandParse*] const = '|'
shell_special_args_start [*CommandParse*] const = '['
shell_special_args_stop [*CommandParse*] const = ']'
ShowBreak [*Spice_String*] function(BT: BreakTable): PString
ShowPathAndTitle [*WindowUtils*] procedure(s: TitStr)
ShowRun [*ALoad*] procedure(p: pointer; MapFileName: Path_Name)
ShowWindowAttentionFlag [*WindowUtils*] procedure
ShowWindowErrorFlag [*WindowUtils*] procedure
ShowWindowRequestFlag [*WindowUtils*] procedure
ShrinkWindow [*Sapph*] procedure(ServPort: Window)
SigDebug [*ProcMgrDefs*] const = MinSignal + 36
SigLevel1Abort [*ProcMgrDefs*] const = MinSignal + 37
SigLevel2Abort [*ProcMgrDefs*] const = MinSignal + 38
SigLevel3Abort [*ProcMgrDefs*] const = MinSignal + 39
SignalAction [*ProcMgrDefs*] type = (SigDefault, SigIgnore, SigSend)
SignalBase [*ProcMgrDefs*] const = 3800
SignalMsg [*ProcMgrDefs*] type = record Head: Msg; tCtlWindow: TypeType; CtlWindow: Window; tSignal: TypeType; Signal: SignalName; end
SignalMsgID [*ProcMgrDefs*] const = 3801
SignalName [*ProcMgrDefs*] type = integer
SigResume [*ProcMgrDefs*] const = MinSignal + 34
SigStatus [*ProcMgrDefs*] const = MinSignal + 35
SigSuspend [*ProcMgrDefs*] const = MinSignal + 33
SimpleName [*PathName*] function(PathName: Path_Name): Entry_Name
Sin [*RealFunctions*] function(X: Real): Real
single_char_quote [*CommandParse*] const = '\'
SinH [*RealFunctions*] function(x: real): real
SinHLarge [*RealFunctions*] exception(X: Real)
SinLarge [*RealFunctions*] exception(X: Real)
SIOSenseStatus [*IODefs*] type = packed record RxCharAvailable: boolean; IntPending: boolean; TxBufferEmpty: boolean; DCD: boolean; SyncHunt: boolean; CTS: boolean; TransmitUnderRun: boolean; BreakAbort: boolean; AllSent: boolean; Residue: Bit3; ParityError: boolean; RxOverRun: boolean; CrcFramingError: boolean; EndOfFrame: boolean; end
SIOWriteRegister [*IODefs*] type = packed record case RegNum: Bit8 of 0: (); 1: (RegVal: Bit8) end
SmallReal [*Stream*] exception(FileName: SName)
SName [*Stream*] type = string[255]
SNArray [*Code*] type = packed array[1..SegLength] of Char
SNArray [*SegDefs*] type = packed array[1..SegLength] of Char
SoftEnable [*AccCall*] function(NormOrEmerg: boolean; EnOrDis: boolean): GeneralReturn
SoftInterrupt [*AccInt*] function(ServPort: port; NormOrEmerg: Boolean; var EnOrDisable: Boolean): GeneralReturn
Source_entries_per_block [*QMapDefs*] const = 256 div WSSourceMapRecord
SourceMap [*QMapDefs*] type = Array[0..Source_entries_per_block – 1] of SourceMapRecord
SourceMapRecord [*QMapDefs*] type = record FileName: APath_Name; CompID: Internal_Time; Filler: array[0..124] of integer; FileName: PathName; fileBlocks, fileBits: Integer; end

Spawn [*Spawn*] function(VAR ChildKPort: Port; VAR ChildDPort: Port; ProgName: APath_Name; ProcName: STRING; HisCommand: CommandBlock; DebugIt: BOOLEAN; ProtectChild: BOOLEAN; SapphConn: ConnectionInheritance; pWindow: Port; pTypeScript: Port; EMConn: ConnectionInheritance; pEMPort: Port; PassedPorts: ptrPortArray; NPorts: LONG; LoaderDebug: BOOLEAN): GeneralReturn

SpiceSegKind [*AccentType*] type = (Temporary, Permanent, Bad, SegPhysical, Imaginary, Shadow)

Split [*Spawn*] function(VAR ChildKPort: Port; VAR ChildDPort: Port): GeneralReturn

Sqrt [*RealFunctions*] function(X: Real): Real

SqrtNeg [*RealFunctions*] exception(X: Real)

Squeeze [*Spice_String*] function(Str: PString): PString

StackLeader [*Code*] const = 2

StatArray [*ProcMgrDefs*] type = array[0..0] of StatRecord

StatList [*ProcMgrDefs*] type = ↑StatArray

StatRecord [*ProcMgrDefs*] type = record RunTime: long; LoadTime: long; ElapsedTime: long; KernelPort: long; Priority: integer; QueueID: integer; ProcName: string; IconName: ProgStr; State: ProcState; end

Status [*AccInt*] function(ServPort: port; var NStats: PStatus): GeneralReturn

str [*Spice_String*] function(Ch: char): PString

StrBadParm [*Spice_String*] exception(FuncName, StringArgument: PString; ParmValue: integer)

StreamBuffer [*Stream*] type = record case integer of 0: (W: array[0..255] of integer); 1: (B1: packed array[0..0] of 0..1); 2: (B2: packed array[0..0] of 0..3); 3: (B3: packed array[0..0] of 0..7); 4: (B4: packed array[0..0] of 0..15); 5: (B5: packed array[0..0] of 0..31); 6: (B6: packed array[0..0] of 0..63); 7: (B7: packed array[0..0] of 0..127); 8: (B8: packed array[0..0] of 0..255); 9: (C: packed array[0..255] of char); end

StreamClose [*Stream*] procedure(var F: FileType)

StreamF [*Stream*] type = record FName: SName; Buffer: pStreamBuffer; BufSize: long; WordIndex: long; LastElt: integer; EltIndex: integer; end

StreamFlushOutput [*Stream*] procedure(var F: Text)

StreamInit [*Stream*] procedure(var F: FileType; WordSize, BitSize: integer; CharFile: boolean)

StreamKeyBoardReset [*Stream*] procedure(var F: Text)

StreamName [*Stream*] function(var F: FileType): SName

StreamOpen [*Stream*] procedure(var F: FileType; var Name: SName; WordSize, BitSize: integer; CharFile: boolean; OpenWrite: boolean)

StreamProgress [*WindowUtils*] procedure(var F: File)

StreamVersion [*Stream*] const = '3.9'

StrIndx [*Except*] exception

String_255 [*TimeDefs*] type = string[255]

Strip [*Spice_String*] function(Str: PString): PString

StripCurrent [*PathName*] function(var WildPathName: Wild_Path_Name): GeneralReturn

StrLong [*Except*] exception

STSChangeEnv [*TS*] procedure(ServPort: Typescript; env: Port)

STSFlushInput [*TS*] procedure(ServPort: Typescript)

STSFlushOutput [*TS*] procedure(ServPort: Typescript)

STSFullLine [*TS*] function(ServPort: Typescript): Boolean

STSFullOpen [*TS*] function(ServPort: Port; vp: ViewPort; env: Port; fontName: TString255; doWrap: Boolean; dispPages: Integer): Typescript

STSFullOpenWindow [*TS*] function(ServPort: Port; w: Window; env: Port; fontName: TString255; doWrap: Boolean; dispPages: Integer): Typescript

STSGetChar [*TS*] function(ServPort: Typescript): Char

STSGetString [*TS*] function(ServPort: Typescript): TString255

STSGrabWindow [*TS*] function(ServPort: Typescript; kPort: Port): Window

STSOpen [*TS*] function(ServPort: Port; vp: ViewPort; env: Port): Typescript

STSOpenWindow [*TS*] function(ServPort: Port; w: Window; env: Port): Typescript

STSPutChar [*TS*] procedure(ServPort: Typescript; ch: Char)

STSPutCharArray [*TS*] procedure(ServPort: Typescript; chars: pTSCharArray; chars_Cnt: long; firstCh: Integer; lastCh: Integer)
STSPutString [*TS*] procedure(ServPort: Typescript; s: TString255)
SubDeleteName [*Sesame*] function(ServPort: port; APathName: APath_Name): GeneralReturn
SubEnterName [*Sesame*] function(ServPort: port; var APathName: APath_Name; EntryType: Entry_Type; EntryData: Entry_Data): GeneralReturn
SubLookUpName [*Sesame*] function(ServPort: port; var APathName: APath_Name; var EntryType: Entry_Type; var EntryData: Entry_Data; var NameStatus: Name_Status): GeneralReturn
SubReadFile [*Sesame*] function(ServPort: port; APathName: APath_Name; var Data: File_Data; var Data_Cnt: long): GeneralReturn
SubReName [*Sesame*] function(ServPort: port; OldAPathName: APath_Name; var NewAPathName: APath_Name): GeneralReturn
SubstrFor [*Spice_String*] function(Source: PString; Index, Size: Integer): PString
SubstrTo [*Spice_String*] function(Source: PString; Index, EndIndex: Integer): PString
SubTestName [*Sesame*] function(ServPort: port; var APathName: APath_Name; var EntryType: Entry_Type; var NameStatus: Name_Status): GeneralReturn
SubWriteFile [*Sesame*] function(ServPort: port; var APathName: APath_Name; Data: File_Data; Data_Cnt: long; DataFormat: Data_Format; var CreationDate: Internal_Time): GeneralReturn
Success [*AccentType*] const = AccErr + 1
Suspend [*AccInt*] function(ServPort: port): GeneralReturn
switch_leadin_char [*CommandParse*] const = '-'
SyncIO [*IO*] function(ServPort: ServerIOPort; Command: IOCommand; CmdBlk: Pointer; CmdBlk_Cnt: long; var DataBuf: Pointer; var DataBuf_Cnt: long; DataTransferCnt: Long; TimeOut: Long; var Status: IOStatusBlk): GeneralReturn
SysFontHeight [*SapphDefs*] const = 13
SysFontName [*SapphDefs*] const = 'Fix13.Kst'
SysFontWidth [*SapphDefs*] const = 9
T_IntToString [*Time*] function(ServPort: port; ITime: Internal_Time; TimeFormat: integer): String
T_IntToUser [*Time*] function(ServPort: port; ITime: Internal_Time): User_Time
T_IntToZone [*Time*] function(ServPort: port; ITime: Internal_Time; TZone: Zone_Info): User_Time
T_Never [*Time*] function(ServPort: port): Internal_Time
T_StringToInt [*Time*] function(ServPort: port; STime: String_255; var Index: integer; var WhatIFound: integer): Internal_Time
T_StringToUser [*Time*] function(ServPort: port; STime: String_255; var Index: integer; var WhatIFound: integer): User_Time
T_UserToInt [*Time*] function(ServPort: port; UTime: User_Time): Internal_Time
T_UserToString [*Time*] function(ServPort: port; UTime: User_Time; TimeFormat: integer): String
Tan [*RealFunctions*] function(X: Real): Real
TanH [*RealFunctions*] function(x: real): real
TanLarge [*RealFunctions*] exception(X: Real)
Terminate [*AccInt*] function(ServPort: port; Reason: Long): GeneralReturn
TextState [*CFileDefs*] const = 0
TF_12_Hour [*TimeDefs*] const = #004000
TF_ANSI [*TimeDefs*] const = #000300
TF_ANSI_Ordinal [*TimeDefs*] const = #000340
TF_BlankPad [*TimeDefs*] const = #020000
TF_Dashes [*TimeDefs*] const = #000000
TF_DateFormat [*TimeDefs*] const = #000340
TF_FullMonth [*TimeDefs*] const = #000010
TF_FullWeekday [*TimeDefs*] const = #000002
TF_FullYear [*TimeDefs*] const = #000020
TF_Milliseconds [*TimeDefs*] const = #002000
TF_Never [*TimeDefs*] const = #100000
TF_NoColumns [*TimeDefs*] const = #040000

TF_NoDate [*TimeDefs*] const = #000004
TF_NoSeconds [*TimeDefs*] const = #001000
TF_NoTime [*TimeDefs*] const = #000400
TF_Reversed [*TimeDefs*] const = #000100
TF_Slashes [*TimeDefs*] const = #000140
TF_Spaces [*TimeDefs*] const = #000040
TF_TimeZone [*TimeDefs*] const = #010000
TF_Weekday [*TimeDefs*] const = #000001
This_Directory [*SesameDefs*] const = './'
Time_Fields [*TimeDefs*] type = packed record Hour: 0..24; Minute: 0..59; Second: 0..59; Millisecond: 0..999; end
TimeIndex [*PascalInit*] const = 0
TimeNotInitialized [*Time*] exception
TimeOut [*AccentType*] const = AccErr + 2
TimeOutError [*Stream*] exception(FileName: SName)
TIMEOUTUSECS [*SapphFileDefs*] const = 16666
TimePort [*PascalInit*] var: port
TimeStamp [*OldTimeStamp*] type = packed record Hour: 0..23; Day: 1..31; Second: 0..59; Minute: 0..59; Month: 1..12; Year: 0..63; end
TitleOverhead [*SapphDefs*] const = SysFontHeight + 6
TitStr [*SapphDefs*] type = String[TitStrLength]
TitStrLength [*SapphDefs*] const = LandScapeBitWidth div SysFontWidth
TooManyHeaps [*Dynamic*] exception
TooManyReplies [*AccentType*] const = AccErr + 5
Touch [*AccInt*] function(ServPort: port; Address: VirtualAddress): GeneralReturn
TP_Date [*TimeDefs*] const = #000002
TP_Never [*TimeDefs*] const = #000020
TP_RESERVED [*TimeDefs*] const = #177740
TP_Time [*TimeDefs*] const = #000004
TP_Weekday [*TimeDefs*] const = #000001
TP_Zone [*TimeDefs*] const = #000010
TraceHeap [*Dynamic*] procedure(S: HeapNumber; Trace: boolean)
TrapCodes [*AccentType*] type = (TrapInit, TrapReadFault, TrapWriteFault, TrapSend, TrapReceive, TrapSetPortsWaiting, TrapPortsWithMessages, TrapDebugWrite, TrapException, TrapNothing, TrapRectDrawLine, TrapRectRasterOp, TrapCharRead, TrapFull, TrapFlush, TrapMoveWords, TrapRectPutString, TrapError, TrapClockEnable, TrapGPRead, TrapGPWrite, TrapSoftEnable, TrapGetIOSleepID, TrapRectColor, TrapRectScroll, TrapLockPorts, TrapMessagesWaiting)
Trim [*Spice_String*] function(Str: PString): PString
TruncateSegment [*AccInt*] function(ServPort: port; Segment: SegID; NewSize: Integer): GeneralReturn
TSCharArray [*TSDefs*] type = packed array[0..1] of Char
TString255 [*TSDefs*] type = String[255]
TYPEBIT [*AccentType*] const = 0
TYPEBOOLEAN [*AccentType*] const = 0
TYPEBYTE [*AccentType*] const = 9
TYPECHAR [*AccentType*] const = 8
TYPEINT16 [*AccentType*] const = 1
TYPEINT32 [*AccentType*] const = 2
TYPEINT8 [*AccentType*] const = 9
TYPEPAGE [*AccentType*] const = 14
TYPEPSTAT [*AccentType*] const = 11
TYPEPT [*AccentType*] const = 6
TYPEPTALL [*AccentType*] const = 5
TYPEPTOWNERSHIP [*AccentType*] const = 3

TYPEPTRECEIVE [*AccentType*] const = 4
TYPEREAL [*AccentType*] const = 10
Typescript [*TSDefs*] type = Port
TypescriptIndex [*PascalInit*] const = 3
TypescriptPort [*PascalInit*] var: Port
TYPESEGID [*AccentType*] const = 13
TYPESTRING [*AccentType*] const = 12
TypeType [*AccentType*] type = packed record case integer of 1: (TypeName: Bit8; TypeSizeInBits: Bit8; NumObjects: Bit12; InLine: boolean; LongForm: boolean; Deallocate: boolean); 2: (LongInteger: long) end
TYPEUNSTRUCTURED [*AccentType*] const = 0
ULInitial [*Spice_String*] function(Str1, Str2: PString): boolean
ULPosString [*Spice_String*] function(Source, Mask: PString): Integer
UncaughtException [*AccentType*] const = AccErr + 44
UNCHANGED [*SapphDefs*] const = -32001
UndefinedGlobal [*CFileDefs*] const = UndefinedSymbol
UndefinedSymbol [*CFileDefs*] const = 7
UndfDevice [*Stream*] exception
UndfInt [*Except*] exception
UndfQcd [*Except*] exception
UndReal [*Except*] exception
UniqueWordIndex [*CommandParse*] function(table: pWord_Search_Table; ptrWordString: pWord_String; var WordText: Cmnd_String): integer
UnitIOError [*Stream*] exception(FileName: SName)
UnknownAction [*ProcMgrDefs*] const = ProcMgrBase + 3
UnknownPort [*ProcMgrDefs*] const = ProcMgrBase + 7
UnknownProcess [*ProcMgrDefs*] const = ProcMgrBase + 1
UnknownSignal [*ProcMgrDefs*] const = ProcMgrBase + 2
UnknownWindow [*ProcMgrDefs*] const = ProcMgrBase + 4
UnrecognizedMsgType [*AccentType*] const = AccErr + 15
UNSPECEXCEPTION [*AccentType*] const = 5
Up_one_Directory [*SesameDefs*] const = '../'
UpChar [*Spice_String*] function(C: Char): Char
UpEQU [*Spice_String*] function(Str1: PString; Str2: PString): boolean
User_ID [*AuthDefs*] type = No_User..Max_Users
User_Time [*TimeDefs*] type = packed record Date: Date_Fields; Time: Time_Fields; Zone: Zone_Info; end
UserCommand [*PascalInit*] var: CommandBlock
UserError [*ViewPt*] exception(s: String)
UserEventPort [*IODefs*] type = Port
UserNameNotFound [*AuthDefs*] const = Auth_Error_Base + 1
UserRecord [*AuthDefs*] type = record Name: Auth_Var; UserID: User_ID; EncryptPass: PassType; Profile: APath_Name; NameOfShell: APath_Name; End
UserTypescript [*PascalInit*] var: Port
UserWindow [*PascalInit*] var: Port
UserWindowShared [*PascalInit*] var: Boolean
Valid_Name_Chars [*SesameDefs*] const = '$-.+0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZ_abcdefghijklmnopqrstuvwxyz'
ValidateMemory [*AccInt*] function(ServPort: port; var Address: VirtualAddress; NumBytes: Long; CreateMask: Long): GeneralReturn
value_marker_char [*CommandParse*] const = '='
Var_CharAr [*SymDefs*] type = Packed Array[0..511] of Char
Var_IntAr [*SymDefs*] type = Array[0..255] of Integer

var_ptr [*SymDefs*] type = Record Case Integer Of 0: (P: POINTER); 1: (p: pDirBlk); 2: (dict: pVarDictEntry); 3: (chars: pVar_CharAr); 4: (int: pVar_IntAr); End

VarDescriptor [*SymDefs*] type = Packed Record mainType: BaseType; subType: BaseType; etc: 0..255; End

VarDictEntry [*SymDefs*] type = Record CompID: Internal_Time; Globals: Integer; Routines: Array[0..Max_SymRoutines] of Integer; End

VarNameArray [*SymDefs*] type = Record TotNumChars: integer; VarNames: Packed Array[0..0] of Char; End

Ver_Separator [*SesameDefs*] const = '#'

ViewChar [*ViewPt*] procedure(ServPort: Viewport; fontVP: Viewport; funct: RopFunct; var dx: integer; var dy: integer; ch: char)

ViewChArray [*ViewPt*] procedure(ServPort: Viewport; fontVP: Viewport; funct: RopFunct; var dx: integer; var dy: integer; chars: pVPCharArray; chars_Cnt: long; firstCh: integer; var lastch: integer)

ViewColorRect [*ViewPt*] procedure(ServPort: Viewport; funct: RectColorFunct; x: integer; y: integer; width: integer; height: integer)

ViewLine [*ViewPt*] procedure(ServPort: Viewport; funct: LineFunct; x1: integer; y1: integer; x2: integer; y2: integer)

Viewport [*SapphDefs*] type = Port

ViewportState [*ViewPt*] procedure(ServPort: Viewport; var curIx: integer; var curty: integer; var curwidth: integer; var curheight: integer; var curRank: integer; var memory: boolean; var courteous: boolean; var transparent: boolean)

ViewPutChar [*ViewPt*] procedure(ServPort: Viewport; fontVP: Viewport; funct: RopFunct; dx: integer; dy: integer; ch: char)

ViewPutChArray [*ViewPt*] procedure(ServPort: Viewport; fontVP: Viewport; funct: RopFunct; dx: integer; dy: integer; chars: pVPCharArray; chars_Cnt: long; firstCh: integer; lastch: integer)

ViewPutString [*ViewPt*] procedure(ServPort: Viewport; fontVP: Viewport; funct: RopFunct; dx: integer; dy: integer; str: VPStr255; firstCh: integer; lastch: integer)

ViewROP [*ViewPt*] procedure(ServPort: Viewport; funct: RopFunct; dx: integer; dy: integer; width: integer; height: integer; srcVP: Viewport; sx: integer; sy: integer)

ViewScroll [*ViewPt*] procedure(ServPort: Viewport; x: integer; y: integer; width: integer; height: integer; Xamt: integer; Yamt: integer)

ViewString [*ViewPt*] procedure(ServPort: Viewport; fontVP: Viewport; funct: RopFunct; var dx: integer; var dy: integer; str: VPStr255; firstCh: integer; var lastch: integer)

VirtualAddress [*AccentType*] type = long

VPChar [*ViewKern*] procedure(destvp, fontVP: Viewport; funct: RopFunct; var dx, dy: Integer; ch: Char)

VPCharArray [*SapphDefs*] type = Packed Array[0..1] of Char

VPChArray [*ViewKern*] procedure(destvp, fontVP: Viewport; funct: RopFunct; var dx, dy: Integer; chars: pVPCharArray; arSize: Long; firstCh: Integer; var lastch: Integer)

VPColorRect [*ViewKern*] procedure(vp: Viewport; funct: RectColorFunct; x, y, width, height: Integer)

VPExclusionFailure [*AccentType*] const = AccErr + 40

VPIntegerArray [*SapphDefs*] type = Array[0..0] of Integer

VPLine [*ViewKern*] procedure(destvp: Viewport; funct: LineFunct; x1, y1, x2, y2: Integer)

VPNIY [*ViewPt*] exception

VPPortArray [*SapphDefs*] type = Record num: Integer; ar: Array[0..0] of Port; end

VPPutChar [*ViewKern*] procedure(destvp, fontVP: Viewport; funct: RopFunct; dx: Integer; dy: Integer; ch: Char)

VPPutChArray [*ViewKern*] procedure(destvp, fontVP: Viewport; funct: RopFunct; dx, dy: Integer; chars: pVPCharArray; arSize: Long; firstCh, lastch: Integer)

VPPutString [*ViewKern*] procedure(destvp, fontVP: Viewport; funct: RopFunct; dx, dy: Integer; var str: VPStr255; firstCh, lastch: Integer)

VPREGION [*SapphDefs*] const = 1

VPROP [*ViewKern*] procedure(destvp: Viewport; funct: RopFunct; dx, dy, width, height: Integer; srcVP: Viewport; sx, sy: Integer)

VPScroll [*ViewKern*] procedure(destvp: Viewport; x, y, width, height, Xamt, Yamt: Integer)

VPStr255 [*SapphDefs*] type = string[255]
VPString [*ViewKern*] procedure(destvp, fontVP: Viewport; funct: RopFunct; var dx, dy: Integer; var str: VPStr255; firstCh: Integer; var lastch: Integer)
VPtoScreenCoords [*ViewPt*] procedure(ServPort: Viewport; x: integer; y: integer; var scrX: integer; var scrY: integer)
WAIT [*AccentType*] const = 0
WaitEtherAddress [*EtherUser*] function: INTEGER
WaitEtherClear [*EtherUser*] function(Typ: INTEGER; Listener: Port): BOOLEAN
WaitEtherFilter [*EtherUser*] function(Typ: INTEGER; Listener: Port): BOOLEAN
WaitPupClear [*EtherUser*] function(VAR Socket: Long; Listener: Port): BOOLEAN
WaitPupFilter [*EtherUser*] function(VAR Socket: Long; Listener: Port): BOOLEAN
Wild_APath_Name [*SesameDefs*] type = string[Path_Name_Size]
Wild_Path_Name [*PathName*] type = string[Path_Name_Size]
WILDREGION [*SapphDefs*] const = 31
WillReply [*AccentType*] const = AccErr + 4
Window [*SapphDefs*] type = Port
WindowInUse [*ProcMgrDefs*] const = ProcMgrBase + 5
WindowViewport [*Sapph*] procedure(ServPort: Window; var vp: Viewport; var vpWidth: integer; var vpHeight: integer)
WinForName [*Sapph*] function(ServPort: Window; name: ProgStr): Window
WinForViewPort [*Sapph*] function(ServPort: Window; vp: Viewport; var isouter: boolean): Window
WinNameArray [*SapphDefs*] type = Array[0..0] of ProgStr
Word_String [*CommandParse*] type = String[1]
Word_Type [*CommandParse*] type = (in_arg, out_arg, switch_arg, switch_value, command_file)
WordifyPool [*CommandParse*] function(ChPool: pCharacter_Pool; PoolLength: Char_Pool_Index; var WordStruct: CommandBlock): GeneralReturn
WriteBoolean [*Writer*] procedure(var F: FileType; X: Boolean; Field: integer)
WriteCh [*Writer*] procedure(Var F: FileType; X: char; Field: integer)
WriteChArray [*Writer*] procedure(var F: FileType; var X: ChArray; Max, Field: integer)
WriteChars [*Stream*] procedure(VAR F: FileType; VAR S: String)
WriteD [*PasLong*] procedure(var F: FileType; X: long; Field, B: integer)
WriteFault [*AccentType*] const = AccErr + 26
WriteFile [*PathName*] function(var PathName: Path_Name; Data: File_Data; ByteCount: long): GeneralReturn
WriteIdentifier [*Writer*] procedure(var F: FileType; X: integer; var IT: IdentTable; L, Field: integer)
WriteInteger [*Writer*] procedure(var F: FileType; X: integer; Field: integer)
WriteNChars [*Stream*] procedure(VAR F: FileType; c: char; N: Integer)
WriteProcessMemory [*AccInt*] function(ServPort: port; Address: VirtualAddress; NumBytes: Long; Data: Pointer; Data_Cnt: long): GeneralReturn
WriteR [*PasReal*] procedure(var F: FileType; e: real; TotalWidth: integer; FracDigits: integer; format: integer)
WriteSegment [*AccInt*] function(ServPort: port; Segment: SegID; Offset: Integer; Data: Pointer; Data_Cnt: long): GeneralReturn
WriteString [*Writer*] procedure(var F: FileType; var X: String; Field: integer)
WriteX [*Writer*] procedure(var F: FileType; X, Field, B: integer)
WRONGARGS [*AccentType*] const = 2
WrongEnvVarType [*EnvMgrDefs*] const = Env_Error_Base + 2
WS_NotFound [*CommandParse*] const = −1
WS_NotUnique [*CommandParse*] const = −2
WSQMapInfoRecord [*QMapDefs*] const = WordSize(QMapInfoRecord)
WSSourceMapRecord [*QMapDefs*] const = WordSize(SourceMapRecord)
Zone_Info [*TimeDefs*] type = packed record TimeZone: integer; UseTimeZone: boolean; Daylight: boolean; UseDaylight: boolean; end