

# Parameter Error Reference

Validator for

# OS/2

*Version 1.0*

*Advanced 32-Bit OS/2<sup>®</sup> Application Development Support*



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# D d f \* C a l l s

**BOOL APIENTRY DdfBeginList**(*HDDF hddf, ULONG ulWidthDT, ULONG fBreakType, ULONG fSpacing*)

Symbol	Value	Parameter	Problem
PERR_DBL03_BREAKTYPELTHMBTNONE	0x01	3	Break Type < HMBT_NONE
PERR_DBL03_BREAKTYPEGTHMBTFIT	0x02	3	Break Type > HMBT_FIT
PERR_DBL04_SPACINGTYPELTHMLSSINGLELINE	0x03	4	Spacing Type < HMLS_SINGLELINE
PERR_DBL04_SPACINGTYPEGTHMLSDOUBLELINE	0x04	4	Spacing Type > HMLS_DOUBLELINE

**BOOL APIENTRY DdfBitmap**(*HDDF hddf, HBITMAP hbm, ULONG fAlign*)

Symbol	Value	Parameter	Problem
PERR_DB02_INVALIDBITMAP	0x01	2	Invalid Bitmap
PERR_DB03_ALIGNMENTZERO	0x02	3	Alignment Zero
PERR_DB03_INVALIDALIGNMENTFLAG	0x03	3	Invalid Alignment Flag

**BOOL APIENTRY DdfEndList**(*HDDF hddf*)

No parameter errors defined.

**BOOL APIENTRY DdfHyperText**(*HDDF hddf, PSZ pszText, PSZ pszReference, ULONG fReferenceType*)

Symbol	Value	Parameter	Problem
PERR_DHT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_DHT02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_DHT03_NULLPOINTER	0x03	3	NULL Pointer
PERR_DHT03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_DHT04_INVALIDREFERENCETYPE	0x05	4	Invalid Reference Type



## 2 Parameter Errors Reference

**BOOL APIENTRY DdfInform**(*HDDF hddf, PSZ pszText, ULONG resInformNumber*)

Symbol	Value	Parameter	Problem
PERR_DI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_DI02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_DI03_RESNUMBERLT1	0x03	3	Res Number < 1
PERR_DI03_RESNUMBERGT64000	0x04	3	Res Number > 64000

**HDDF APIENTRY DdfInitialize**(*HWND hwndHelpInstance, ULONG cbBuffer, ULONG ulIncrement*)

Symbol	Value	Parameter	Problem
PERR_DI01_INVALIDHELPHANDLE	0x01	1	Invalid Help Window Handle
PERR_DI02_BUFFERLENGTHGT60KB	0x02	2	Buffer Length > 60 KB
PERR_DI03_INCREMENTGT60KB	0x03	3	Increment > 60 KB

**BOOL APIENTRY DdfListItem**(*HDDF hddf, PSZ pszTerm, PSZ pszDescription*)

Symbol	Value	Parameter	Problem
PERR_DLI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_DLI02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_DLI03_NULLPOINTER	0x03	3	NULL Pointer
PERR_DLI03_INVALIDPOINTER	0x04	3	Invalid Pointer

**BOOL APIENTRY DdfMetafile**(*HDDF hddf, HMF hmf, PRECTL prclRect*)

Symbol	Value	Parameter	Problem
PERR_DM02_INVALIDMETAFILEHANDLE	0x01	2	Invalid Metafile Handle
PERR_DM03_INVALIDPOINTER	0x02	3	Invalid Pointer

**BOOL APIENTRY DdfPara**(*HDDF hddf*)

No parameter errors defined.

**BOOL APIENTRY DdfSetColor**(*HDDF hddf, COLOR fBackColor, COLOR fForeColor*)

Symbol	Value	Parameter	Problem
PERR_DSC02_INVALIDBACKGROUNDCOLOUR	0x01	2	Invalid Background Colour
PERR_DSC03_INVALIDFOREGROUNDCOLOUR	0x02	3	Invalid Foreground Colour

**BOOL APIENTRY DdfSetFont**(*HDDF hddf, PSZ pszFaceName, ULONG ulWidth, ULONG ulHeight*)

Symbol	Value	Parameter	Problem
PERR_DSF02_INVALIDPOINTER	0x01	2	Invalid Pointer

**BOOL APIENTRY DdfSetFontStyle**(*HDDF hddf, ULONG fFontStyle*)

Symbol	Value	Parameter	Problem
PERR_DSFS02_INVALIDFONTFLAG	0x01	2	Invalid Font Flag

**BOOL APIENTRY DdfSetFormat**(*HDDF hddf, ULONG fFormatType*)

No parameter errors defined.

**BOOL APIENTRY DdfSetTextAlign**(*HDDF hddf, ULONG fAlign*)

Symbol	Value	Parameter	Problem
PERR_DSTA02_INVALIDTEXTALIGNMENTFLAG	0x01	2	Invalid Text Alignment Flag

**BOOL APIENTRY DdfText**(*HDDF hddf, PSZ pszText*)

Symbol	Value	Parameter	Problem
PERR_DT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_DT02_INVALIDPOINTER	0x02	2	Invalid Pointer

## 4 Parameter Error Reference

### Dev \* Calls

#### HMF APIENTRY DevCloseDC(*HDC hdc*)

No parameter errors defined.

#### LONG APIENTRY DevEscape(*HDC hdc, LONG lCode, LONG lInCount, PBYTE pbInData, PLONG plOutCount, PBYTE pbOutData*)

Symbol	Value	Parameter	Problem
PERR_DE03_INPUTCOUNTTOOSMALLDEVESCQUERYYESCSUPPORT	0x01	3	Input Count Too Small DEVESC_QUERYYESCSUPPORT
PERR_DE04_NULLPOINTERDEVESCQUERYYESCSUPPORT	0x02	4	NULL Pointer DEVESC_QUERYYESCSUPPORT
PERR_DE04_INVALIDPOINTERDEVESCQUERYYESCSUPPORT	0x03	4	Invalid Pointer DEVESC_QUERYYESCSUPPORT
PERR_DE05_NULLPOINTERDEVESCGETSCALINGFACTOR	0x04	5	NULL Pointer DEVESC_GETSCALINGFACTOR
PERR_DE05_INVALIDPOINTERDEVESCGETSCALINGFACTOR	0x05	5	Invalid Pointer DEVESC_GETSCALINGFACTOR
PERR_DE05_OUTPUTCOUNTTOOSMALLDEVESCGETSCALINGFACTOR	0x06	5	Output Count Too Small DEVESC_GETSCALINGFACTOR
PERR_DE06_NULLPOINTERDEVESCGETSCALINGFACTOR	0x07	6	NULL Pointer DEVESC_GETSCALINGFACTOR
PERR_DE06_INVALIDPOINTERDEVESCGETSCALINGFACTOR	0x08	6	Invalid Pointer DEVESC_GETSCALINGFACTOR
PERR_DE03_INPUTCOUNTTOOSMALLDEVESCSTARTDOC	0x09	3	Input Count Too Small DEVESC_STARTDOC
PERR_DE04_NULLPOINTERDEVESCSTARTDOC	0x0a	4	NULL Pointer DEVESC_STARTDOC
PERR_DE04_INVALIDPOINTERDEVESCSTARTDOC	0x0b	4	Invalid Pointer DEVESC_STARTDOC
PERR_DE05_NULLPOINTERDEVESCENDDOC	0x0c	5	NULL Pointer DEVESC_ENDDOC
PERR_DE05_INVALIDPOINTERDEVESCENDDOC	0x0d	5	Invalid Pointer DEVESC_ENDDOC
PERR_DE05_OUTPUTCOUNTTOOSMALLDEVESCENDDOC	0x0e	5	Output Count Too Small DEVESC_ENDDOC
PERR_DE06_NULLPOINTERDEVESCENDDOC	0x0f	6	NULL Pointer DEVESC_ENDDOC
PERR_DE06_INVALIDPOINTERDEVESCENDDOC	0x10	6	Invalid Pointer DEVESC_ENDDOC
PERR_DE03_INPUTCOUNTTOOSMALLDEVESCRAWDATA	0x11	3	Input Count Too Small DEVESC_RAWDATA
PERR_DE04_NULLPOINTERDEVESCRAWDATA	0x12	4	NULL Pointer DEVESC_RAWDATA
PERR_DE04_INVALIDPOINTERDEVESCRAWDATA	0x13	4	Invalid Pointer DEVESC_RAWDATA
PERR_DE05_NULLPOINTERDEVESCQUERYVIOCELLSIZES	0x14	5	NULL Pointer DEVESC_QUERYVIOCELLSIZES
PERR_DE05_INVALIDPOINTERDEVESCQUERYVIOCELLSIZES	0x15	5	Invalid Pointer DEVESC_QUERYVIOCELLSIZES
PERR_DE05_OUTPUTCOUNTTOOSMALLDEVESCQUERYVIOCELLSIZES	0x16	5	Output Count Too Small DEVESC_QUERYVIOCELLSIZES
PERR_DE06_NULLPOINTERDEVESCQUERYVIOCELLSIZES	0x17	6	NULL Pointer DEVESC_QUERYVIOCELLSIZES





Symbol	Value	Parameter	Problem
PERR_DE06_INVALIDPOINTERDEVESCQUERYVIOCELLSIZES	0x18	6	Invalid Pointer DEVESC_QUERYVIOCELLSIZES
PERR_DE03_INPUTCOUNTTOOSMALLDEVESCSETMODE	0x19	3	Input Count Too Small DEVESC_SETMODE
PERR_DE04_NULLPOINTERDEVESCSETMODE	0x1a	4	NULL Pointer DEVESC_SETMODE
PERR_DE04_INVALIDPOINTERDEVESCSETMODE	0x1b	4	Invalid Pointer DEVESC_SETMODE

**HDC APIENTRY DevOpenDC**(*HAB hab, LONG lType, PSZ pszToken, LONG lCount, PDEVOPENDATA pdopData, HDC hdcComp*)

Symbol	Value	Parameter	Problem
PERR_DODC02_INVALIDDEVICECONTEXTTYPE	0x01	2	Invalid Device Context Type
PERR_DODC03_NULLPOINTER	0x02	3	NULL Pointer
PERR_DODC03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_DODC04_COUNTLT0	0x04	4	Count < 0
PERR_DODC05_INVALIDPOINTER	0x05	5	Invalid Pointer

**LONG APIENTRY DevPostDeviceModes**(*HAB hab, PDRIVDATA pdrivDriverData, PSZ pszDriverName, PSZ pszDeviceName, PSZ pszName, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_DPDM02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_DPDM03_NULLPOINTER	0x02	3	NULL Pointer
PERR_DPDM03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_DPDM04_NULLPOINTER	0x04	4	NULL Pointer
PERR_DPDM04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_DPDM05_NULLPOINTER	0x06	5	NULL Pointer
PERR_DPDM05_INVALIDPOINTER	0x07	5	Invalid Pointer
PERR_DPDM06_INVALIDDIALOGUEOPTION	0x08	6	Invalid Dialogue Option

**BOOL APIENTRY DevQueryCaps**(*HDC hdc, LONG lStart, LONG lCount, PLONG alArray*)

Symbol	Value	Parameter	Problem
PERR_DQC02_INVALIDINDEXVALUE	0x01	2	Invalid Index Value
PERR_DQC03_COUNTLT1	0x02	3	Count < 1
PERR_DQC04_NULLPOINTER	0x03	4	NULL Pointer

## 6 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_DQC04_INVALIDPOINTER	0x04	4	Invalid Pointer

**BOOL APIENTRY DevQueryDeviceNames**(*HAB hab, PSZ pszDriverName, PLONG pldn, PSTR32 aDeviceName, PSTR64 aDeviceDesc, PLONG pldt, PSTR16 aDataType*)

Symbol	Value	Parameter	Problem
PERR_DQDN02_NULLPOINTER	0x01	2	NULL Pointer
PERR_DQDN02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_DQDN02_INVALIDPATH	0x03	2	Invalid Path
PERR_DQDN03_NULLPOINTER	0x04	3	NULL Pointer
PERR_DQDN03_INVALIDPOINTER	0x05	3	Invalid Pointer
PERR_DQDN03_DEVICENAMESCOUNTLT0	0x06	3	Device Names Count < 0
PERR_DQDN04_NULLPOINTER	0x07	4	NULL Pointer
PERR_DQDN04_INVALIDPOINTER	0x08	4	Invalid Pointer
PERR_DQDN04_BUFFERTOOSMALL	0x09	4	Buffer Too Small
PERR_DQDN05_NULLPOINTER	0x0a	5	NULL Pointer
PERR_DQDN05_INVALIDPOINTER	0x0b	5	Invalid Pointer
PERR_DQDN05_BUFFERTOOSMALL	0x0c	5	Buffer Too Small
PERR_DQDN06_NULLPOINTER	0x0d	6	NULL Pointer
PERR_DQDN06_INVALIDPOINTER	0x0e	6	Invalid Pointer
PERR_DQDN06_DATATYPESCOUNTLT0	0x0f	6	Data Types Count < 0
PERR_DQDN07_NULLPOINTER	0x10	7	NULL Pointer
PERR_DQDN07_INVALIDPOINTER	0x11	7	Invalid Pointer
PERR_DQDN07_BUFFERTOOSMALL	0x12	7	Buffer Too Small

**LONG APIENTRY DevQueryHardcopyCaps**(*HDC hdc, LONG lStartForm, LONG lForms, PHCINFO phciHcInfo*)

Symbol	Value	Parameter	Problem
PERR_DQHC02_FORMCODELT0	0x01	2	Form Code < 0
PERR_DQHC03_FORMSCOUNTLT0	0x02	3	Forms Count < 0
PERR_DQHC04_NULLPOINTER	0x03	4	NULL Pointer
PERR_DQHC04_INVALIDPOINTER	0x04	4	Invalid Pointer



**D o s \* C a l l s**

**APIRET APIENTRY DosAcknowledgeSignalException**(*ULONG ulSignalNum*)

Symbol	Value	Parameter	Problem
PERR_DASE01_INVALIDSIGNALNUMBER	0x10	1	Invalid Signal Number

**APIRET APIENTRY DosAddMuxWaitSem**(*HMUX hmutex, PSEMRECORD pSemRec*)

Symbol	Value	Parameter	Problem
PERR_DAMWS01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DAMWS01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosAllocMem**(*PPVOID ppb, ULONG cb, ULONG flag*)

Symbol	Value	Parameter	Problem
PERR_DAM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DAM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DAM03_INVALIDFLAGS	0x11	3	Invalid Flags

**APIRET APIENTRY DosAllocSharedMem**(*PPVOID ppb, PSZ pszName, ULONG cb, ULONG flag*)

Symbol	Value	Parameter	Problem
PERR_DASM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DASM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DASM02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DASM04_INVALIDFLAGS	0x13	4	Invalid Flags



## 8 Parameter Error Reference

**APIRET APIENTRY DosAsyncTimer**(*ULONG msec, HSEM hsem, PHTIMER phtimer*)

Symbol	Value	Parameter	Problem
PERR_DAT03_NULLPOINTER	0x10	3	NULL Pointer
PERR_DAT03_INVALIDPOINTER	0x11	3	Invalid Pointer

**APIRET APIENTRY DosBeep**(*ULONG freq, ULONG dur*)

Symbol	Value	Parameter	Problem
PERR_DB01_FREQUENCYLT25	0x10	1	Frequency < 25
PERR_DB01_FREQUENCYGT0X7FFF	0x11	1	Frequency > 0x7fff

**APIRET APIENTRY DosCallPipe**(*PSZ pszName, PVOID pInbuf, ULONG cbIn, PVOID pOutbuf, ULONG cbOut, PULONG pcbActual, ULONG msec*)

Symbol	Value	Parameter	Problem
PERR_DCNP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DCNP01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DCNP02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DCNP02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DCNP04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DCNP04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_DCNP06_NULLPOINTER	0x16	6	NULL Pointer
PERR_DCNP06_INVALIDPOINTER	0x17	6	Invalid Pointer

**APIRET APIENTRY DosCancelLockRequest**(*HFILE hFile, PFILELOCK pflLock*)

Symbol	Value	Parameter	Problem
PERR_DCLR02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DCLR02_INVALIDPOINTER	0x11	2	Invalid Pointer

**APIRET APIENTRY DosClose**(*HFILE hFile*)

No parameter errors defined.

**APIRET APIENTRY DosCloseEventSem**(*HEV hev*)

No parameter errors defined.

**APIRET APIENTRY DosCloseMutexSem**(*HMTX hmtx*)

No parameter errors defined.

**APIRET APIENTRY DosCloseMuxWaitSem**(*HMUX hmutex*)

No parameter errors defined.

**APIRET APIENTRY DosCloseQueue**(*HQUEUE hq*)

No parameter errors defined.

**APIRET APIENTRY DosCloseVDD**(*HVDD hvdd*)

No parameter errors defined.

**APIRET APIENTRY DosConnectNPipe**(*HPIPE hpipe*)

No parameter errors defined.

**APIRET APIENTRY DosCopy**(*PSZ pszOld, PSZ pszNew, ULONG option*)

Symbol	Value	Parameter	Problem
PERR_DC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DC02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DC03_INVALIDFLAGS	0x14	3	Invalid Flags

**APIRET APIENTRY DosCreateDir**(*PSZ pszDirName, PEAOP2 peaop2*)

Symbol	Value	Parameter	Problem
PERR_DCD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DCD01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DCD02_INVALIDPOINTER	0x12	2	Invalid Pointer



## 10 Parameter Error Reference

**APIRET APIENTRY DosCreateEventSem**(*PSZ pszName, PHEV phev, ULONG flAttr, BOOL32 fState*)

Symbol	Value	Parameter	Problem
PERR_DCES01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_DCES02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DCES02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DCES03_INVALIDATTRIBUTE	0x13	3	Invalid Attribute

**APIRET APIENTRY DosCreateMutexSem**(*PSZ pszName, PHMTX phmtx, ULONG flAttr, BOOL32 fState*)

Symbol	Value	Parameter	Problem
PERR_DCMS01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_DCMS02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DCMS02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DCMS03_INVALIDATTRIBUTE	0x13	3	Invalid Attribute

**APIRET APIENTRY DosCreateMuxWaitSem**(*PSZ pszName, PHMUX phmux, ULONG cSemRec, PSEMRECORD pSemRec, ULONG flAttr*)

Symbol	Value	Parameter	Problem
PERR_DCMWS01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_DCMWS02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DCMWS02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DCMWS04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DCMWS04_INVALIDPOINTER	0x14	4	Invalid Pointer
PERR_DCMWS04_BUFFERTOOSMALL	0x15	4	Buffer Too Small
PERR_DCMWS05_INVALIDATTRIBUTES	0x16	5	Invalid Attributes

**APIRET APIENTRY DosCreateNPipe**(*PSZ pszName, PHPIPE pHpipe, ULONG openmode, ULONG pipemode, ULONG cbInbuf, ULONG cbOutbuf, ULONG msec*)

Symbol	Value	Parameter	Problem
PERR_DCNP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DCNP01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DCNP02_NULLPOINTER	0x12	2	NULL Pointer



Symbol	Value	Parameter	Problem
PERR_DCNP02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DCNP03_OPENMODERESERVEDBITS15M31	0x14	3	Open Mode Reserved Bits 15 - 31
PERR_DCNP03_OPENMODERESERVEDBITS8M13	0x15	3	Open Mode Reserved Bits 8 - 13
PERR_DCNP03_OPENMODERESERVEDBITS3M6	0x16	3	Open Mode Reserved Bits 3 - 6
PERR_DCNP04_PIPEMODERESERVEDBITS16M31	0x17	4	Pipe Mode Reserved Bits 16 - 31
PERR_DCNP04_PIPEMODERESERVEDBITS12M14	0x18	4	Pipe Mode Reserved Bits 12 - 14

**APIRET APIENTRY DosCreatePipe**(*PHFILE phfRead, PHFILE phfWrite, ULONG cb*)

Symbol	Value	Parameter	Problem
PERR_DCP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DCP01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DCP02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DCP02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosCreateQueue**(*PHQUEUE phq, ULONG priority, PSZ pszName*)

Symbol	Value	Parameter	Problem
PERR_DCQ01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DCQ01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DCQ02_INVALIDFLAGS	0x12	2	Invalid Flags
PERR_DCQ03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DCQ03_INVALIDPOINTER	0x14	3	Invalid Pointer

**APIRET APIENTRY DosCreateThread**(*PTID ptid, PFNTHREAD pfn, ULONG param, ULONG flag, ULONG cbStack*)

Symbol	Value	Parameter	Problem
PERR_DCT01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DCT01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DCT02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DCT02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DCT04_INVALIDFLAGS	0x14	4	Invalid Flags
PERR_DCT05_INVALIDSTACKSIZE	0x15	5	Invalid Stack Size

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### APIRET APIENTRY DosDebug(*PVOID pdbgbuf*)

Symbol	Value	Parameter	Problem
PERR_DD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DD01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosDelete(*PSZ pszFile*)

Symbol	Value	Parameter	Problem
PERR_DD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DD01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosDeleteDir(*PSZ pszDir*)

Symbol	Value	Parameter	Problem
PERR_DDD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DDD01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosDeleteMuxWaitSem(*HMUX hmutex, HSEM hSem*)

No parameter errors defined.

### APIRET APIENTRY DosDevConfig(*PVOID pdevinfo, ULONG item*)

Symbol	Value	Parameter	Problem
PERR_DDC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DDC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DDC02_INVALIDDEVICETYPE	0x12	2	Invalid Device Type

### APIRET APIENTRY DosDevIOCtl(*HFILE hDevice, ULONG category, ULONG function, PVOID pParams, ULONG cbParmLenMax, PULONG pcbParmLen, PVOID pData, ULONG cbDataLenMax, PULONG pcbDataLen*)

Symbol	Value	Parameter	Problem
PERR_DDIOC02_INVALIDDEVICECATEGORY	0x10	2	Invalid Device Category



Symbol	Value	Parameter	Problem
PERR_DDIOC03_INVALIDDEVICEFUNCTION	0x11	3	Invalid Device Function
PERR_DDIOC04_NULLPOINTER	0x12	4	NULL Pointer
PERR_DDIOC04_INVALIDPOINTER	0x13	4	Invalid Pointer
PERR_DDIOC06_NULLPOINTER	0x14	6	NULL Pointer
PERR_DDIOC06_INVALIDPOINTER	0x15	6	Invalid Pointer
PERR_DDIOC07_NULLPOINTER	0x16	7	NULL Pointer
PERR_DDIOC07_INVALIDPOINTER	0x17	7	Invalid Pointer
PERR_DDIOC09_NULLPOINTER	0x18	9	NULL Pointer
PERR_DDIOC09_INVALIDPOINTER	0x19	9	Invalid Pointer

**APIRET APIENTRY DosDisConnectNPipe(*HPIPE hpipe*)**

No parameter errors defined.

**APIRET APIENTRY DosDupHandle(*HFILE hFile, PHFILE pHfile*)**

Symbol	Value	Parameter	Problem
PERR_DDHO1_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DDHO2_NULLPOINTER	0x12	2	NULL Pointer

**APIRET APIENTRY DosEditName(*ULONG metalevel, PSZ pszSource, PSZ pszEdit, PBYTE pszTarget, ULONG cbTarget*)**

Symbol	Value	Parameter	Problem
PERR_DEN01_INVALIDLEVEL	0x10	1	Invalid Level
PERR_DEN02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DEN02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DEN03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DEN03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DEN04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DEN04_INVALIDPOINTER	0x16	4	Invalid Pointer
PERR_DEN05_BUFFERLENGTH0	0x17	5	Buffer Length 0

**APIRET APIENTRY DosEnterCritSec(*VOID*)**

No parameter errors defined.

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### APIRET APIENTRY DosEnterMustComplete(*PULONG pulNesting*)

Symbol	Value	Parameter	Problem
PERR_DEMC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DEMC01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosEnumAttribute(*ULONG ulRefType, PVOID pvFile, ULONG ulEntry, PVOID pvBuf, ULONG cbBuf, PULONG pulCount, ULONG ulInfoLevel*)

Symbol	Value	Parameter	Problem
PERR_DEA01_INVALIDREFERENCETYPE	0x10	1	Invalid Reference Type
PERR_DEA02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DEA02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DEA03_INVALIDENTRYORDINAL	0x13	3	Invalid Entry Ordinal
PERR_DEA04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DEA04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_DEA05_BUFFERLENGTH0	0x16	5	Buffer Length 0
PERR_DEA06_NULLPOINTER	0x17	6	NULL Pointer
PERR_DEA06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_DEA07_INVALIDINFORMATIONLEVEL	0x19	7	Invalid Information Level

### APIRET APIENTRY DosErrClass(*ULONG code, PULONG pClass, PULONG pAction, PULONG pLocus*)

Symbol	Value	Parameter	Problem
PERR_DEC02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DEC02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DEC03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DEC03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DEC04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DEC04_INVALIDPOINTER	0x15	4	Invalid Pointer

### APIRET APIENTRY DosError(*ULONG error*)

Symbol	Value	Parameter	Problem
PERR_DE01_INVALIDFLAGS	0x10	1	Invalid Flags

**APIRET APIENTRY DosExecPgm**(PCHAR pObjname, LONG cbObjname, ULONG execFlag, PSZ pArg, PSZ pEnv, PRESULTCODES pRes, PSZ pName)

Symbol	Value	Parameter	Problem
PERR_DEP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DEP01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DEP02_BUFFERSIZE0	0x12	2	Buffer Size 0
PERR_DEP03_INVALIDFLAGS	0x13	3	Invalid Flags
PERR_DEP04_INVALIDPOINTER	0x14	4	Invalid Pointer
PERR_DEP05_INVALIDPOINTER	0x15	5	Invalid Pointer
PERR_DEP06_NULLPOINTER	0x16	6	NULL Pointer
PERR_DEP06_INVALIDPOINTER	0x17	6	Invalid Pointer
PERR_DEP07_NULLPOINTER	0x18	7	NULL Pointer
PERR_DEP07_INVALIDPOINTER	0x19	7	Invalid Pointer

**VOID APIENTRY DosExit**(ULONG action, ULONG result)

Symbol	Value	Parameter	Problem
PERR_DE01_INVALIDACTIONCODE	0x10	1	Invalid Action Code

**APIRET APIENTRY DosExitCritSec**(VOID)

No parameter errors defined.

**APIRET APIENTRY DosExitList**(ULONG ordercode, PFNEXITLIST pfn)

Symbol	Value	Parameter	Problem
PERR_DELO1_INVALIDFUNCTIONCODE	0x10	1	Invalid Function Code
PERR_DELO2_NULLPOINTER	0x11	2	NULL Pointer
PERR_DELO2_INVALIDPOINTER	0x12	2	Invalid Pointer

**APIRET APIENTRY DosExitMustComplete**(PULONG pulNesting)

Symbol	Value	Parameter	Problem
PERR_DEMC01_NULLPOINTER	0x10	1	NULL Pointer



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Symbol	Value	Parameter	Problem
PERR_DEMC01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosFSAttach**(*PSZ pszDevice, PSZ pszFilesystem, PVOID pData, ULONG cbData, ULONG flag*)

Symbol	Value	Parameter	Problem
PERR_DFSA01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DFSA01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DFSA02_NULLPOINTERREQUIRED	0x12	2	NULL Pointer Required
PERR_DFSA02_NULLPOINTER	0x13	2	NULL Pointer
PERR_DFSA02_INVALIDPOINTER	0x14	2	Invalid Pointer
PERR_DFSA03_NULLPOINTERREQUIRED	0x15	3	NULL Pointer Required
PERR_DFSA03_NULLPOINTER	0x16	3	NULL Pointer
PERR_DFSA03_INVALIDPOINTER	0x17	3	Invalid Pointer
PERR_DFSA05_INVALIDFLAG	0x18	5	Invalid Flag

**APIRET APIENTRY DosFSCtl**(*PVOID pData, ULONG cbData, PULONG pcbData, PVOID pParms, ULONG cbParms, PULONG pcbParms, ULONG function, PSZ pszRoute, HFILE hFile, ULONG method*)

Symbol	Value	Parameter	Problem
PERR_DFSC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DFSC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DFSC02_INVALIDLENGTH	0x12	2	Invalid Length
PERR_DFSC03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DFSC03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DFSC04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DFSC04_INVALIDPOINTER	0x16	4	Invalid Pointer
PERR_DFSC05_INVALIDLENGTH	0x17	5	Invalid Length
PERR_DFSC06_NULLPOINTER	0x18	6	NULL Pointer
PERR_DFSC06_INVALIDPOINTER	0x19	6	Invalid Pointer
PERR_DFSC07_INVALIDFUNCTION	0x1a	7	Invalid Function
PERR_DFSC08_NULLPOINTER	0x1b	8	NULL Pointer
PERR_DFSC08_INVALIDPOINTER	0x1c	8	Invalid Pointer
PERR_DFSC08_NOTNULLPOINTER	0x1d	8	Not NULL Pointer
PERR_DFSC09_INVALIDHANDLE	0x1e	9	Invalid Handle
PERR_DFSC10_INVALIDMETHOD	0x1f	10	Invalid Method



**APIRET APIENTRY DosFindClose**(*HDIR hDir*)

No parameter errors defined.

**APIRET APIENTRY DosFindFirst**(*PSZ pszFileSpec, PHDIR phdir, ULONG flAttribute, PVOID pfindbuf, ULONG cbBuf, PULONG pcFileNames, ULONG ulInfoLevel*)

Symbol	Value	Parameter	Problem
PERR_DFF01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DFF01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DFF02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DFF02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DFF03_INVALIDATTRIBUTEFLAGSBITS14M31	0x14	3	Invalid Attribute Flags Bits 14 - 31
PERR_DFF03_INVALIDATTRIBUTEFLAGSBITS11	0x15	3	Invalid Attribute Flags Bits 11
PERR_DFF03_INVALIDATTRIBUTEFLAGSBITS7M6	0x16	3	Invalid Attribute Flags Bits 7 - 6
PERR_DFF03_INVALIDATTRIBUTEFLAGSBITS3	0x17	3	Invalid Attribute Flags Bits 3
PERR_DFF04_NULLPOINTER	0x18	4	NULL Pointer
PERR_DFF04_INVALIDPOINTER	0x19	4	Invalid Pointer
PERR_DFF05_BUFFERLENGTH0	0x1a	5	Buffer Length 0
PERR_DFF06_NULLPOINTER	0x1b	6	NULL Pointer
PERR_DFF06_INVALIDPOINTER	0x1c	6	Invalid Pointer
PERR_DFF07_INVALIDLEVEL	0x1d	7	Invalid Level

**APIRET APIENTRY DosFindNext**(*HDIR hDir, PVOID pfindbuf, ULONG cbfindbuf, PULONG pcFileNames*)

Symbol	Value	Parameter	Problem
PERR_DFN02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DFN02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DFN03_INVALIDPOINTER	0x12	3	Invalid Pointer
PERR_DFN04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DFN04_INVALIDPOINTER	0x14	4	Invalid Pointer

**APIRET APIENTRY DosForceDelete**(*PSZ pszFile*)

Symbol	Value	Parameter	Problem
PERR_DFD01_NULLSTRINGPOINTER	0x10	1	NULL String Pointer
PERR_DFD01_INVALIDSTRINGPOINTER	0x11	1	Invalid String Pointer



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### APIRET APIENTRY DosFreeMem(*PVOID pb*)

Symbol	Value	Parameter	Problem
PERR_DFM01_NULLPOINTER	0x10	1	NULL Pointer

### APIRET APIENTRY DosFreeModule(*HMODULE hmod*)

No parameter errors defined.

### APIRET APIENTRY DosFreeResource(*PVOID pb*)

Symbol	Value	Parameter	Problem
PERR_DFR01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DFR01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosGetDateTime(*PDATETIME pdt*)

Symbol	Value	Parameter	Problem
PERR_DGDT01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DGDT01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosGetInfoBlocks(*PTIB\* pptib, PPIB\* pppib*)

Symbol	Value	Parameter	Problem
PERR_DGIB01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DGIB01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DGIB02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DGIB02_INVALIDPOINTER	0x13	2	Invalid Pointer

### APIRET APIENTRY DosGetMessage(*PCHAR\* pTable, ULONG cTable, PCHAR pBuf, ULONG cbBuf, ULONG msgnumber, PSZ pszFile, PULONG pcbMsg*)

Symbol	Value	Parameter	Problem
PERR_DGM01_NULLPOINTER	0x10	1	NULL Pointer

Symbol	Value	Parameter	Problem
PERR_DGM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DGM02_STRINGCOUNTGT9	0x12	2	String Count > 9
PERR_DGM03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DGM03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DGM04_BUFFERSIZE0	0x15	4	Buffer Size 0
PERR_DGM06_NULLPOINTER	0x16	6	NULL Pointer
PERR_DGM06_INVALIDPOINTER	0x17	6	Invalid Pointer
PERR_DGM07_NULLPOINTER	0x18	7	NULL Pointer
PERR_DGM07_INVALIDPOINTER	0x19	7	Invalid Pointer

**APIRET APIENTRY DosGetNamedSharedMem**(*PPVOID ppb, PSZ pszName, ULONG flag*)

Symbol	Value	Parameter	Problem
PERR_DGNSM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DGNSM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DGNSM02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DGNSM02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DGNSM03_INVALIDFLAGS	0x14	3	Invalid Flags

**APIRET APIENTRY DosGetResource**(*HMODULE hmod, ULONG idType, ULONG idName, PPVOID ppb*)

Symbol	Value	Parameter	Problem
PERR_DGR01_INVALIDMODULEHANDLE	0x10	1	Invalid Module Handle
PERR_DGR02_TYPEIDGT65535	0x11	2	Type ID > 65,535
PERR_DGR03_RESOURCEIDGT65535	0x12	3	Resource ID > 65,535
PERR_DGR04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DGR04_INVALIDPOINTER	0x14	4	Invalid Pointer

**APIRET APIENTRY DosGetSharedMem**(*PVOID pb, ULONG flag*)

Symbol	Value	Parameter	Problem
PERR_DGSM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DGSM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DGSM02_INVALIDATTRIBUTEFLAGS	0x12	2	Invalid Attribute Flags

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**APIRET APIENTRY DosGiveSharedMem**(PVOID pb, PID pid, ULONG flag)

Symbol	Value	Parameter	Problem
PERR_DGSM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DGSM01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosInsertMessage**(PCHAR\* pTable, ULONG cTable, PSZ pszMsg, ULONG cbMsg, PCHAR pBuf, ULONG cbBuf, PULONG pcbMsg)

Symbol	Value	Parameter	Problem
PERR_DIM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DIM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DIM02_INSERTIONCOUNTGT9	0x12	2	Insertion Count > 9
PERR_DIM03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DIM03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DIM04_MESSAGE_SIZE0	0x15	4	Message Size 0
PERR_DIM05_NULLPOINTER	0x16	5	NULL Pointer
PERR_DIM05_INVALIDPOINTER	0x17	5	Invalid Pointer
PERR_DIM06_BUFFER_SIZE0	0x18	6	Buffer Size 0
PERR_DIM07_NULLPOINTER	0x19	7	NULL Pointer
PERR_DIM07_INVALIDPOINTER	0x1a	7	Invalid Pointer

**APIRET APIENTRY DosKillProcess**(ULONG action, PID pid)

Symbol	Value	Parameter	Problem
PERR_DKP01_INVALIDTERMINATIONCODE	0x10	1	Invalid Termination Code

**APIRET APIENTRY DosKillThread**(TID tid)

No parameter errors defined.

**APIRET APIENTRY DosLoadModule**(PSZ pszName, ULONG cbName, PSZ pszModname, PHMODULE phmod)

Symbol	Value	Parameter	Problem
PERR_DLM01_NULLPOINTER	0x10	1	NULL Pointer



Symbol	Value	Parameter	Problem
PERR_DLM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DLM02_NAMEBUFFERSIZE0	0x12	2	Name Buffer Size 0
PERR_DLM03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DLM03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DLM04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DLM04_INVALIDPOINTER	0x16	4	Invalid Pointer

**APIRET APIENTRY DosMapCase**(*ULONG cb, PCOUNTRYCODE pcc, PCHAR pch*)

Symbol	Value	Parameter	Problem
PERR_DMC01_NUMBEROFCHARACTERS0	0x10	1	Number of Characters 0
PERR_DMC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DMC02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DMC03_NULLPOINTER	0x14	3	NULL Pointer
PERR_DMC03_INVALIDPOINTER	0x15	3	Invalid Pointer

**APIRET APIENTRY DosMove**(*PSZ pszOld, PSZ pszNew*)

Symbol	Value	Parameter	Problem
PERR_DM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DM02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DM02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosOpen**(*PSZ pszFileName, PHFILE pHf, PULONG pulAction, ULONG cbFile, ULONG ulAttribute, ULONG fsOpenFlags, ULONG fsOpenMode, PEAOP2 peaop2*)

Symbol	Value	Parameter	Problem
PERR_DO01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DO01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DO02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DO02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DO03_NULLPOINTER	0x14	3	NULL Pointer
PERR_DO03_INVALIDPOINTER	0x15	3	Invalid Pointer



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Symbol	Value	Parameter	Problem	
PERR_DO05_INVALIDATTRIBUTEFLAGBITS6M31	0x16	5	Invalid Attribute Flag Bits	6 - 31
PERR_DO05_INVALIDATTRIBUTEFLAGBITS3	0x17	5	Invalid Attribute Flag Bits	3
PERR_DO06_INVALIDOPENFLAGBITS8M31	0x18	6	Invalid Open Flag Bits	8 - 31
PERR_DO07_INVALIDOPENMODEBITS16M31	0x19	7	Invalid Open Mode Bits	16 - 31
PERR_DO07_INVALIDOPENMODEBITS11	0x1a	7	Invalid Open Mode Bits	11
PERR_DO07_INVALIDOPENMODEBITS3	0x1b	7	Invalid Open Mode Bits	3
PERR_DO08_INVALIDPOINTER	0x1c	8	Invalid Pointer	

### APIRET APIENTRY DosOpenEventSem(*PSZ pszName, PHEV phev*)

Symbol	Value	Parameter	Problem	
PERR_DOES01_NULLPOINTER	0x10	1	NULL Pointer	
PERR_DOES01_INVALIDPOINTER	0x11	1	Invalid Pointer	
PERR_DOES02_NULLPOINTER	0x12	2	NULL Pointer	
PERR_DOES02_INVALIDPOINTER	0x13	2	Invalid Pointer	

### APIRET APIENTRY DosOpenMutexSem(*PSZ pszName, PHMTX phmtx*)

Symbol	Value	Parameter	Problem	
PERR_DOMS01_NULLPOINTER	0x10	1	NULL Pointer	
PERR_DOMS01_INVALIDPOINTER	0x11	1	Invalid Pointer	
PERR_DOMS02_NULLPOINTER	0x12	2	NULL Pointer	
PERR_DOMS02_INVALIDPOINTER	0x13	2	Invalid Pointer	

### APIRET APIENTRY DosOpenMuxWaitSem(*PSZ pszName, PHMUX phmux*)

Symbol	Value	Parameter	Problem	
PERR_DOMWS01_NULLPOINTER	0x10	1	NULL Pointer	
PERR_DOMWS01_INVALIDPOINTER	0x11	1	Invalid Pointer	
PERR_DOMWS02_NULLPOINTER	0x12	2	NULL Pointer	
PERR_DOMWS02_INVALIDPOINTER	0x13	2	Invalid Pointer	



**APIRET APIENTRY DosOpenQueue**(*PPID ppid, PHQUEUE phq, PSZ pszName*)

Symbol	Value	Parameter	Problem
PERR_DOQ01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DOQ01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DOQ02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DOQ02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DOQ03_NULLPOINTER	0x14	3	NULL Pointer
PERR_DOQ03_INVALIDPOINTER	0x15	3	Invalid Pointer

**APIRET APIENTRY DosOpenVDD**(*PSZ pszVDD, PHVDD phvdd*)

Symbol	Value	Parameter	Problem
PERR_DOVDD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DOVDD01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DOVDD02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DOVDD02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosPeekNPipe**(*HPIPE hpipe, PVOID pBuf, ULONG cbBuf, PULONG pcbActual, PAVAILDATA pAvail, PULONG pState*)

Symbol	Value	Parameter	Problem
PERR_DPNP02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DPNP02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DPNP04_NULLPOINTER	0x12	4	NULL Pointer
PERR_DPNP04_INVALIDPOINTER	0x13	4	Invalid Pointer
PERR_DPNP05_NULLPOINTER	0x14	5	NULL Pointer
PERR_DPNP05_INVALIDPOINTER	0x15	5	Invalid Pointer
PERR_DPNP06_NULLPOINTER	0x16	6	NULL Pointer
PERR_DPNP06_INVALIDPOINTER	0x17	6	Invalid Pointer

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**APIRET APIENTRY DosPeekQueue**(*HQUEUE* *hq*, *PREQUESTDATA* *pRequest*, *PULONG* *pcbData*, *PPVOID* *ppbuf*, *PULONG* *element*, *BOOL32* *nowait*, *PBYTE* *ppriority*, *HEV* *hsem*)

Symbol	Value	Parameter	Problem
PERR_DPQ02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DPQ02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DPQ03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DPQ03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DPQ04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DPQ04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_DPQ05_NULLPOINTER	0x16	5	NULL Pointer
PERR_DPQ05_INVALIDPOINTER	0x17	5	Invalid Pointer
PERR_DPQ06_INVALIDWAITFLAG	0x18	6	Invalid Wait Flag
PERR_DPQ07_NULLPOINTER	0x19	7	NULL Pointer
PERR_DPQ07_INVALIDPOINTER	0x1a	7	Invalid Pointer

**APIRET APIENTRY DosPhysicalDisk**(*ULONG* *function*, *PVOID* *pBuf*, *ULONG* *cbBuf*, *PVOID* *pParams*, *ULONG* *cbParams*)

Symbol	Value	Parameter	Problem
PERR_DPD01_INVALIDFUNCTION	0x10	1	Invalid Function
PERR_DPD02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DPD02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DPD02_BUFFERPOINTERNOTNULL	0x13	2	Buffer Pointer Not NULL
PERR_DPD03_BUFFERSIZEGT0	0x14	3	Buffer Size > 0
PERR_DPD03_BUFFERSIZENEQ2	0x15	3	Buffer Size ≠ 2
PERR_DPD04_NULLPOINTER	0x16	4	NULL Pointer
PERR_DPD04_INVALIDPOINTER	0x17	4	Invalid Pointer
PERR_DPD04_PARAMETERPOINTERNOTNULL	0x18	4	Parameter Pointer Not NULL
PERR_DPD05_PARAMETERSIZE0	0x19	5	Parameter Size 0
PERR_DPD05_PARAMETERSIZEGT0	0x1a	5	Parameter Size > 0
PERR_DPD05_PARAMETERSIZEGT2	0x1b	5	Parameter Size > 2

**APIRET APIENTRY DosPostEventSem**(*HEV* *hev*)

No parameter errors defined.

**APIRET APIENTRY DosPurgeQueue**(*HQUEUE* *hq*)

No parameter errors defined.

**APIRET APIENTRY DosPutMessage**(*HFILE* *hfile*, *ULONG* *cbMsg*, *PCHAR* *pBuf*)

Symbol	Value	Parameter	Problem
PERR_DPM01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DPM02_MESSAGELENGTH0	0x11	2	Message Length 0
PERR_DPM03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DPM03_INVALIDPOINTER	0x13	3	Invalid Pointer

**APIRET APIENTRY DosQueryAppType**(*PSZ* *pszName*, *PULONG* *pFlags*)

Symbol	Value	Parameter	Problem
PERR_DQAT01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQAT01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DQAT02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DQAT02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosQueryCollate**(*ULONG* *cb*, *PCOUNTRYCODE* *pcc*, *PCHAR* *pch*, *PULONG* *pcch*)

Symbol	Value	Parameter	Problem
PERR_DQC01_BUFFERLENGTH0	0x10	1	Buffer Length 0
PERR_DQC02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DQC02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DQC03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQC03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DQC04_TABLELENGTHNULLPOINTER	0x15	4	Table Length NULL Pointer
PERR_DQC04_TABLELENGTHINVALIDPOINTER	0x16	4	Table Length Invalid Pointer

**APIRET APIENTRY DosQueryCp**(*ULONG* *cb*, *PULONG* *arCP*, *PULONG* *pcCP*)

Symbol	Value	Parameter	Problem
PERR_DQC01_ARRAYLENGTH0	0x10	1	Array Length 0
PERR_DQC02_NULLPOINTER	0x11	2	NULL Pointer



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Symbol	Value	Parameter	Problem
PERR_DQC02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DQC03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQC03_INVALIDPOINTER	0x14	3	Invalid Pointer

**APIRET APIENTRY DosQueryCtryInfo**(*ULONG cb, PCOUNTRYCODE pcc, PCOUNTRYINFO pci, PULONG pcbActual*)

Symbol	Value	Parameter	Problem
PERR_DQCI01_BUFFERLENGTH0	0x10	1	Buffer Length 0
PERR_DQCI02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DQCI02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DQCI03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQCI03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DQCI04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DQCI04_INVALIDPOINTER	0x16	4	Invalid Pointer

**APIRET APIENTRY DosQueryCurrentDir**(*ULONG disknum, PBYTE pBuf, PULONG pcbBuf*)

Symbol	Value	Parameter	Problem
PERR_DQCD01_DRIVENUMBERGT26	0x10	1	Drive Number > 26
PERR_DQCD02_BUFFERNULLPOINTER	0x11	2	Buffer NULL Pointer
PERR_DQCD02_BUFFERINVALIDPOINTER	0x12	2	Buffer Invalid Pointer
PERR_DQCD03_SIZENULLPOINTER	0x13	3	Size NULL Pointer
PERR_DQCD03_SIZEINVALIDPOINTER	0x14	3	Size Invalid Pointer
PERR_DQCD03_BUFFERSIZE0	0x15	3	Buffer Size 0

**APIRET APIENTRY DosQueryCurrentDisk**(*PULONG pdisknum, PULONG plogical*)

Symbol	Value	Parameter	Problem
PERR_DQCD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQCD01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DQCD02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DQCD02_INVALIDPOINTER	0x13	2	Invalid Pointer



**APIRET APIENTRY DosQueryDBCSEnv**(ULONG cb, PCOUNTRYCODE pcc, PCHAR pBuf)

Symbol	Value	Parameter	Problem
PERR_DQDBCSE01_BUFFERLENGTH0	0x10	1	Buffer Length 0
PERR_DQDBCSE02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DQDBCSE02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DQDBCSE03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQDBCSE03_INVALIDPOINTER	0x14	3	Invalid Pointer

**APIRET APIENTRY DosQueryEventSem**(HEV hev, PULONG pulPostCt)

Symbol	Value	Parameter	Problem
PERR_DQES01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQES01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosQueryFHState**(HFILE hFile, PULONG pMode)

Symbol	Value	Parameter	Problem
PERR_DQFHS02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DQFHS02_INVALIDPOINTER	0x11	2	Invalid Pointer

**APIRET APIENTRY DosQueryFSAttach**(PSZ pszDeviceName, ULONG ulOrdinal, ULONG ulFSAInfoLevel, PFSQBUFFER2 pfsqb, PULONG pcbBuffLength)

Symbol	Value	Parameter	Problem
PERR_DQFSA01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQFSA01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DQFSA03_INVALIDLEVEL	0x12	3	Invalid Level
PERR_DQFSA04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DQFSA04_INVALIDPOINTER	0x14	4	Invalid Pointer
PERR_DQFSA05_NULLPOINTER	0x15	5	NULL Pointer
PERR_DQFSA05_INVALIDPOINTER	0x16	5	Invalid Pointer

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**APIRET APIENTRY DosQueryFSInfo**(*ULONG disknum, ULONG infolevel, PVOID pBuf, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_DQFSI01_DRIVENUMBERGT26	0x10	1	Drive Number > 26
PERR_DQFSI02_INVALIDINFORMATIONLEVEL	0x11	2	Invalid Information Level
PERR_DQFSI03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DQFSI03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DQFSI04_BUFFERSIZE0	0x14	4	Buffer Size 0

**APIRET APIENTRY DosQueryFileInfo**(*HFILE hf, ULONG ulInfoLevel, PVOID pInfo, ULONG cbInfoBuf*)

Symbol	Value	Parameter	Problem
PERR_DQFI01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DQFI02_INVALIDINFORMATIONLEVEL	0x11	2	Invalid Information Level
PERR_DQFI03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DQFI03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DQFI04_BUFFERSIZE0	0x14	4	Buffer Size 0

**APIRET APIENTRY DosQueryHType**(*HFILE hFile, PULONG pType, PULONG pAttr*)

Symbol	Value	Parameter	Problem
PERR_DQHT01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DQHT02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DQHT02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DQHT03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQHT03_INVALIDPOINTER	0x14	3	Invalid Pointer

**APIRET APIENTRY DosQueryMem**(*PVOID pb, PULONG pcb, PULONG pFlag*)

Symbol	Value	Parameter	Problem
PERR_DQM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQM02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DQM02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DQM03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQM03_INVALIDPOINTER	0x14	3	Invalid Pointer





**APIRET APIENTRY DosQueryMessageCP**(*PCHAR pb, ULONG cb, PSZ pszFilename, PULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_DQMCP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQMCP01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DQMCP02_BUFFERSIZE0	0x12	2	Buffer Size 0
PERR_DQMCP03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQMCP03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DQMCP04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DQMCP04_INVALIDPOINTER	0x16	4	Invalid Pointer

**APIRET APIENTRY DosQueryModuleHandle**(*PSZ pszModname, PHMODULE phmod*)

Symbol	Value	Parameter	Problem
PERR_DQMH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQMH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DQMH02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DQMH02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosQueryModuleName**(*HMODULE hmod, ULONG cbName, PCHAR pch*)

Symbol	Value	Parameter	Problem
PERR_DQMN02_BUFFERSIZE0	0x10	2	Buffer Size 0
PERR_DQMN02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DQMN02_INVALIDPOINTER	0x12	2	Invalid Pointer

**APIRET APIENTRY DosQueryMutexSem**(*HMTX hmtx, PPID ppid, PTID ptid, PULONG pulCount*)

Symbol	Value	Parameter	Problem
PERR_DQMS02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DQMS02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DQMS03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DQMS03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DQMS04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DQMS04_INVALIDPOINTER	0x15	4	Invalid Pointer

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**APIRET APIENTRY DosQueryMuxWaitSem**(*HMUX hmux, PULONG pcSemRec, PSEMRECORD pSemRec, PULONG pflAttr*)

Symbol	Value	Parameter	Problem
PERR_DQMWS02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DQMWS02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DQMWS02_SEMAPHORERECORDCOUNT0	0x12	2	Semaphore Record Count 0
PERR_DQMWS03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQMWS03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DQMWS04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DQMWS04_INVALIDPOINTER	0x16	4	Invalid Pointer

**APIRET APIENTRY DosQueryNPHState**(*HPIPE hpipe, PULONG pState*)

Symbol	Value	Parameter	Problem
PERR_DQNPHS01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQNPHS01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosQueryNPipeInfo**(*HPIPE hpipe, ULONG infolevel, PVOID pBuf, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_DQNPI02_INVALIDINFORMATIONLEVEL	0x10	2	Invalid Information Level
PERR_DQNPI03_NULLPOINTER	0x11	3	NULL Pointer
PERR_DQNPI03_INVALIDPOINTER	0x12	3	Invalid Pointer
PERR_DQNPI04_BUFFERSIZE0	0x12	4	Buffer Size 0

**APIRET APIENTRY DosQueryNPipeSemState**(*HSEM hsem, PPIPESEMSTATE pnpss, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_DQNPSS02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DQNPSS02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DQNPSS03_BUFFERSIZE0	0x12	3	Buffer Size 0



**APIRET APIENTRY DosQueryPathInfo**(*PSZ pszPathName, ULONG ulInfoLevel, PVOID pInfoBuf, ULONG cbInfoBuf*)

Symbol	Value	Parameter	Problem
PERR_DQPI01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQPI01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DQPI02_INVALIDLEVEL	0x12	2	Invalid Level
PERR_DQPI03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQPI03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DQPI04_BUFFERZERO	0x15	4	Buffer Size 0

**APIRET APIENTRY DosQueryProcAddr**(*HMODULE hmod, ULONG ordinal, PSZ pszName, PFN\* pPFN*)

Symbol	Value	Parameter	Problem
PERR_DQPA01_INVALIDMODULEHANDLE	0x10	1	Invalid Module Handle
PERR_DQPA02_ORDINALGT65533	0x11	2	Ordinal > 65533
PERR_DQPA03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DQPA03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DQPA04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DQPA04_INVALIDPOINTER	0x15	4	Invalid Pointer

**APIRET APIENTRY DosQueryProcType**(*HMODULE hmod, ULONG ordinal, PSZ pszName, PULONG pulproctype*)

Symbol	Value	Parameter	Problem
PERR_DQPT01_INVALIDMODULEHANDLE	0x10	1	Invalid Module Handle
PERR_DQPT02_ORDINALGT65533	0x11	2	Ordinal > 65533
PERR_DQPT03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DQPT03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DQPT04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DQPT04_INVALIDPOINTER	0x15	4	Invalid Pointer

**APIRET APIENTRY DosQueryQueue**(*HQUEUE hq, PULONG pcbEntries*)

Symbol	Value	Parameter	Problem
PERR_DQQ02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DQQ02_INVALIDPOINTER	0x11	2	Invalid Pointer

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### APIRET APIENTRY DosQueryRASInfo(ULONG Index, PPVOID Addr)

No parameter errors defined.

### APIRET APIENTRY DosQueryResourceSize(HMODULE hmod, ULONG idt, ULONG idn, PULONG pulsize)

Symbol	Value	Parameter	Problem
PERR_DQRS01_INVALIDMODULEHANDLE	0x10	1	Invalid Module Handle
PERR_DQRS02_RESOURCECETYPEGT65535	0x11	2	Resource Type > 65,535
PERR_DQRS03_RESOURCEIDGT65535	0x12	3	Resource ID > 65,535
PERR_DQRS04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DQRS04_INVALIDPOINTER	0x14	4	Invalid Pointer

### APIRET APIENTRY DosQuerySysInfo(ULONG iStart, ULONG iLast, PVOID pBuf, ULONG cbBuf)

Symbol	Value	Parameter	Problem
PERR_DQSI01_INDEXSTARTINVALID	0x10	1	Index Start Invalid
PERR_DQSI01_INDEXSTARTGTINDEXEND	0x11	1	Index Start > Index End
PERR_DQSI02_INDEXENDINVALID	0x12	2	Index End Invalid
PERR_DQSI03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DQSI03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DQSI04_BUFFERSIZE0	0x15	4	Buffer Size 0

### APIRET APIENTRY DosQueryVerify(PBOOL32 pBool)

Symbol	Value	Parameter	Problem
PERR_DQV01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DQV01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosRaiseException(PEXCEPTIONREPORTRECORD pexcept)

Symbol	Value	Parameter	Problem
PERR_DRE01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DRE01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosRawReadNPipe**(*PSZ pszName, ULONG cb, PULONG pLen, PVOID pBuf*)

No parameter errors defined.

**APIRET APIENTRY DosRawWriteNPipe**(*PSZ pszName, ULONG cb*)

No parameter errors defined.

**APIRET APIENTRY DosRead**(*HFILE hFile, PVOID pBuffer, ULONG cbRead, PULONG pcbActual*)

Symbol	Value	Parameter	Problem
PERR_DR01_INVALIDHANDLE	0x10	1	Invalid Handle
PERR_DR02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DR02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DR04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DR04_INVALIDPOINTER	0x14	4	Invalid Pointer

**APIRET APIENTRY DosReadQueue**(*HQUEUE hq, PREQUESTDATA pRequest, PULONG pcbData, PPVOID ppbuf, ULONG element, BOOL32 wait, PBYTE ppriority, HEV hsem*)

Symbol	Value	Parameter	Problem
PERR_DRQ02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DRQ02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DRQ03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DRQ03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DRQ04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DRQ04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_DRQ06_INVALIDWAITFLAG	0x16	6	Invalid Wait Flag
PERR_DRQ07_NULLPOINTER	0x17	7	NULL Pointer
PERR_DRQ07_INVALIDPOINTER	0x18	7	Invalid Pointer

**APIRET APIENTRY DosRegisterPerfCtrs**(*PBYTE pbDataBlk, PBYTE pbTextBlk, ULONG flFlags*)

No parameter errors defined.

**APIRET APIENTRY DosReleaseMutexSem**(*HMTX hmtx*)

No parameter errors defined.



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### APIRET APIENTRY DosRequestMutexSem(*HMTX hmtx, ULONG ulTimeout*)

No parameter errors defined.

### APIRET APIENTRY DosRequestVDD(*HVDD hvdd, SGID sgid, ULONG cmd, ULONG cbInput, PVOID pInput, ULONG cbOutput, PVOID pOutput*)

Symbol	Value	Parameter	Problem
PERR_DRVDD04_BUFFER_SIZE0	0x10	4	Buffer Size 0
PERR_DRVDD05_NULLPOINTER	0x11	5	NULL Pointer
PERR_DRVDD05_INVALIDPOINTER	0x12	5	Invalid Pointer
PERR_DRVDD06_BUFFER_SIZE0	0x13	6	Buffer Size 0
PERR_DRVDD07_NULLPOINTER	0x14	7	NULL Pointer
PERR_DRVDD07_INVALIDPOINTER	0x15	7	Invalid Pointer

### APIRET APIENTRY DosResetBuffer(*HFILE hFile*)

Symbol	Value	Parameter	Problem
PERR_DRB01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle

### APIRET APIENTRY DosResetEventSem(*HEV hev, PULONG pulPostCt*)

Symbol	Value	Parameter	Problem
PERR_DRES01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DRES01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosResumeThread(*TID tid*)

No parameter errors defined.

### APIRET APIENTRY DosScanEnv(*PSZ pszName, PSZ\* ppszValue*)

Symbol	Value	Parameter	Problem
PERR_DSE01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSE01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DSE02_NULLPOINTER	0x12	2	NULL Pointer

Symbol	Value	Parameter	Problem
PERR_DSE02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosSearchPath**(*ULONG flag, PSZ pszPathOrName, PSZ pszFilename, PBYTE pBuf, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_DSP01_INVALIDSEARCHFLAG	0x10	1	Invalid Search Flag
PERR_DSP02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DSP02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DSP03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DSP03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DSP04_NULLPOINTER	0x15	4	NULL Pointer
PERR_DSP04_INVALIDPOINTER	0x16	4	Invalid Pointer
PERR_DSP05_BUFFERIZE0	0x17	5	Buffer Size 0

**APIRET APIENTRY DosSelectSession**(*ULONG idSession*)

No parameter errors defined.

**APIRET APIENTRY DosSendSignalException**(*PID pid, ULONG exception*)

Symbol	Value	Parameter	Problem
PERR_DSSE01_INVALIDEXCEPTION	0x10	1	Invalid Exception

**APIRET APIENTRY DosSetCurrentDir**(*PSZ pszDir*)

Symbol	Value	Parameter	Problem
PERR_DSCD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSCD01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosSetDateTime**(*PDATETIME pdt*)

Symbol	Value	Parameter	Problem
PERR_DSMT01_NULLPOINTER	0x10	1	NULL Pointer



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Symbol	Value	Parameter	Problem
PERR_DSĐT01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosSetDefaultDisk(*ULONG disknum*)

No parameter errors defined.

### APIRET APIENTRY DosSetExceptionHandler(*PEXCEPTIONREGISTRATIONRECORD pERegRec*)

Symbol	Value	Parameter	Problem
PERR_DSEH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSEH01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY DosSetFHState(*HFILE hFile, ULONG mode*)

Symbol	Value	Parameter	Problem
PERR_DSFHS01_INVALIDHANDLE	0x10	1	Invalid Handle
PERR_DSFHS02_INVALIDMODEFLAGSBITS16M31	0x11	2	Invalid Mode Flags Bits 16 - 31
PERR_DSFHS02_INVALIDMODEFLAGSBITS4M6	0x12	2	Invalid Mode Flags Bits 4 - 6
PERR_DSFHS02_INVALIDMODEFLAGSBITS0M2	0x13	2	Invalid Mode Flags Bits 0 - 2

### APIRET APIENTRY DosSetFSInfo(*ULONG disknum, ULONG infolevel, PVOID pBuf, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_DSFSI01_DISKNUMBERGT26	0x10	1	Disk Number > 26
PERR_DSFSI02_INVALIDINFORMATIONLEVEL	0x11	2	Invalid Information Level
PERR_DSFSI03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DSFSI03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DSFSI04_BUFFERLENGTH0	0x14	4	Buffer Length 0

### APIRET APIENTRY DosSetFileInfo(*HFILE hf, ULONG ulInfoLevel, PVOID pInfoBuf, ULONG cbInfoBuf*)

Symbol	Value	Parameter	Problem
PERR_DSFI01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle



Symbol	Value	Parameter	Problem
PERR_DSFI02_INVALIDINFORMATIONLEVEL	0x11	2	Invalid Information Level
PERR_DSFI03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DSFI03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DSFI04_BUFFERSIZE0	0x14	4	Buffer Size 0

**APIRET APIENTRY DosSetFileLocks**(*HFILE hFile, PFILELOCK pflUnlock, PFILELOCK pflLock, ULONG timeout, ULONG flags*)

Symbol	Value	Parameter	Problem
PERR_DSFL01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DSFL02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DSFL02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DSFL03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DSFL03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DSFL05_INVALIDFLAGS	0x15	5	Invalid Flags

**APIRET APIENTRY DosSetFilePtr**(*HFILE hFile, LONG ib, ULONG method, PULONG ibActual*)

Symbol	Value	Parameter	Problem
PERR_DSFP01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DSFP03_INVALIDMETHOD	0x11	3	Invalid Method
PERR_DSFP04_NULLPOINTER	0x12	4	NULL Pointer
PERR_DSFP04_INVALIDPOINTER	0x13	4	Invalid Pointer

**APIRET APIENTRY DosSetFileSize**(*HFILE hFile, ULONG cbSize*)

Symbol	Value	Parameter	Problem
PERR_DSFS01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle

**APIRET APIENTRY DosSetMaxFH**(*ULONG cFH*)

No parameter errors defined.



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### APIRET APIENTRY DosSetMem(*PVOID pb, ULONG cb, ULONG flag*)

Symbol	Value	Parameter	Problem
PERR_DSM01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_DSM03_INVALIDMEMORYFLAG	0x11	3	Invalid Memory Flag

### APIRET APIENTRY DosSetNPHState(*HPIPE hpipe, ULONG state*)

Symbol	Value	Parameter	Problem
PERR_DSNPHS02_INVALIDSTATEFLAGBITS16M31	0x10	2	Invalid State Flag Bits 16 - 31
PERR_DSNPHS02_INVALIDSTATEFLAGBITS10M14	0x11	2	Invalid State Flag Bits 10 - 14
PERR_DSNPHS02_INVALIDSTATEFLAGBITS0M7	0x12	2	Invalid State Flag Bits 0 - 7

### APIRET APIENTRY DosSetNPipeSem(*HPIPE hpipe, HSEM hsem, ULONG key*)

No parameter errors defined.

### APIRET APIENTRY DosSetPathInfo(*PSZ pszPathName, ULONG ulInfoLevel, PVOID pInfoBuf, ULONG cbInfoBuf, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_DSPI01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSPI01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DSPI02_INVALIDINFORMATIONLEVEL	0x12	2	Invalid Information Level
PERR_DSPI03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DSPI03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DSPI04_BUFFERSIZE0	0x15	4	Buffer Size 0
PERR_DSPI05_INVALIDFLAGOPTIONS	0x16	5	Invalid Flag Options

### APIRET APIENTRY DosSetPriority(*ULONG scope, ULONG class, LONG delta, ULONG PorTid*)

Symbol	Value	Parameter	Problem
PERR_DSP01_INVALIDSCOPE	0x10	1	Invalid Scope
PERR_DSP02_INVALIDCLASS	0x11	2	Invalid Class
PERR_DSP03_DELTALTM31	0x12	3	Delta < -31
PERR_DSP03_DELTAGT31	0x13	3	Delta > 31

**APIRET APIENTRY DosSetProcessCp**(*ULONG cp*)

No parameter errors defined.

**APIRET APIENTRY DosSetRelMaxFH**(*PLONG pcbReqCount, PULONG pcbCurMaxFH*)

Symbol	Value	Parameter	Problem
PERR_DSRMFH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSRMFH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DSRMFH02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DSRMFH02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY DosSetSession**(*ULONG idSession, PSTATUSDATA psd*)

Symbol	Value	Parameter	Problem
PERR_DSS01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSS01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosSetSignalExceptionFocus**(*BOOL32 flag, PULONG pulTimes*)

Symbol	Value	Parameter	Problem
PERR_DSSEF01_INVALIDFLAG	0x10	1	Invalid Flag
PERR_DSSEF02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DSSEF02_INVALIDPOINTER	0x12	2	Invalid Pointer

**APIRET APIENTRY DosSetVerify**(*BOOL32 f32VerifySetting*)

Symbol	Value	Parameter	Problem
PERR_DSV01_INVALIDVERIFYMODE	0x10	1	Invalid Verify Mode

**APIRET APIENTRY DosShutdown**(*ULONG ulReserved*)

Symbol	Value	Parameter	Problem
PERR_DS01_RESERVEDNEQ0	0x10	1	Reserved ≠ 0
PERR_DS01_RESERVEDNEQ1	0x20	1	Reserved ≠ 1



## 40 Parameter Error Reference

### APIRET APIENTRY DosSleep(*ULONG msec*)

No parameter errors defined.

### APIRET APIENTRY DosStartSession(*PSTARTDATA psd, PULONG pidSession, PPID ppid*)

Symbol	Value	Parameter	Problem
PERR_DSS01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSS01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DSS02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DSS02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DSS03_NULLPOINTER	0x14	3	NULL Pointer
PERR_DSS03_INVALIDPOINTER	0x15	3	Invalid Pointer

### APIRET APIENTRY DosStartTimer(*ULONG msec, HSEM hsem, PHTIMER phtimer*)

Symbol	Value	Parameter	Problem
PERR_DST03_NULLPOINTER	0x10	3	NULL Pointer
PERR_DST03_INVALIDPOINTER	0x11	3	Invalid Pointer

### APIRET APIENTRY DosStopSession(*ULONG scope, ULONG idSession*)

Symbol	Value	Parameter	Problem
PERR_DSS01_INVALIDSCOPE	0x10	1	Invalid Scope

### APIRET APIENTRY DosStopTimer(*HTIMER htimer*)

No parameter errors defined.

### APIRET APIENTRY DosSubAllocMem(*PVOID pbBase, PPVOID ppb, ULONG cb*)

Symbol	Value	Parameter	Problem
PERR_DSAM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSAM02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DSAM02_INVALIDPOINTER	0x12	2	Invalid Pointer



**APIRET APIENTRY DosSubFreeMem**(PVOID pbBase, PVOID pb, ULONG cb)

Symbol	Value	Parameter	Problem
PERR_DSFM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSFM02_NULLPOINTER	0x11	2	NULL Pointer

**APIRET APIENTRY DosSubSetMem**(PVOID pbBase, ULONG flag, ULONG cb)

Symbol	Value	Parameter	Problem
PERR_DSSM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DSSM02_INVALIDFLAGS	0x11	2	Invalid Flags

**APIRET APIENTRY DosSubUnsetMem**(PVOID pbBase)

Symbol	Value	Parameter	Problem
PERR_DSUM01_NULLPOINTER	0x10	1	NULL Pointer

**APIRET APIENTRY DosSuspendThread**(TID tid)

No parameter errors defined.

**APIRET APIENTRY DosTmrQueryFreq**(PULONG pulTmrFreq)

Symbol	Value	Parameter	Problem
PERR_DTQF01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DTQF01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosTmrQueryTime**(PQWORD pqwTmrTime)

No parameter errors defined.



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**APIRET APIENTRY DosTransactNPipe**(*HPIPE hpipe, PVOID pOutbuf, ULONG cbOut, PVOID pInbuf, ULONG cbIn, PULONG pcbRead*)

Symbol	Value	Parameter	Problem
PERR_DTNP02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DTNP02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DTNP04_NULLPOINTER	0x12	4	NULL Pointer
PERR_DTNP04_INVALIDPOINTER	0x13	4	Invalid Pointer
PERR_DTNP06_NULLPOINTER	0x14	6	NULL Pointer
PERR_DTNP06_INVALIDPOINTER	0x15	6	Invalid Pointer

**APIRET APIENTRY DosUnsetExceptionHandler**(*PEXCEPTIONREGISTRATIONRECORD pERegRec*)

Symbol	Value	Parameter	Problem
PERR_DUEH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DUEH01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosUnwindException**(*PEXCEPTIONREGISTRATIONRECORD phandler, PVOID pTargetIP, PEXCEPTIONREPORTRECORD pERepRec*)

Symbol	Value	Parameter	Problem
PERR_DUE01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_DUE02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DUE02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DUE03_INVALIDPOINTER	0x13	3	Invalid Pointer

**APIRET APIENTRY DosWaitChild**(*ULONG action, ULONG option, PRESULTCODES pres, PPID ppid, PID pid*)

Symbol	Value	Parameter	Problem
PERR_DWC01_INVALIDACTIONCODE	0x10	1	Invalid Action Code
PERR_DWC02_INVALIDWAITOPTIONS	0x11	2	Invalid Wait Options
PERR_DWC03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DWC03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DWC04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DWC04_INVALIDPOINTER	0x15	4	Invalid Pointer

**APIRET APIENTRY DosWaitEventSem**(*HEV hev, ULONG ulTimeout*)

No parameter errors defined.

**APIRET APIENTRY DosWaitMuxWaitSem**(*HMUX hmutex, ULONG ulTimeout, PULONG pulUser*)

Symbol	Value	Parameter	Problem
PERR_DWMWS03_NULLPOINTER	0x10	3	NULL Pointer
PERR_DWMWS03_INVALIDPOINTER	0x11	3	Invalid Pointer

**APIRET APIENTRY DosWaitNPipe**(*PSZ pszName, ULONG msec*)

Symbol	Value	Parameter	Problem
PERR_DWNP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DWNP01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY DosWaitThread**(*PTID ptid, ULONG option*)

Symbol	Value	Parameter	Problem
PERR_DWT01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DWT01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DWT02_INVALIDOPTION	0x12	2	Invalid Option

**APIRET APIENTRY DosWrite**(*HFILE hFile, PVOID pBuffer, ULONG cbWrite, PULONG pcbActual*)

Symbol	Value	Parameter	Problem
PERR_DW01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DW02_NULLPOINTER	0x11	2	NULL Pointer

Symbol	Value	Parameter	Problem
PERR_DW02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DW04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DW04_INVALIDPOINTER	0x14	4	Invalid Pointer



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**APIRET APIENTRY DosWriteQueue**(*HQUEUE* *hq*, *ULONG* *request*, *ULONG* *cbData*, *PVOID* *pbData*, *ULONG* *priority*)

Symbol	Value	Parameter	Problem
PERR_DWQ04_NULLPOINTER	0x10	4	NULL Pointer
PERR_DWQ04_INVALIDPOINTER	0x11	4	Invalid Pointer



# D o s \* C a l l s V e r s i o n 2 . 1 O n l y

**APIRET APIENTRY DosProtectClose**(*HFILE hFile, FHLOCK fhFileHandleLockID*)

No parameter errors defined.

**APIRET APIENTRY DosProtectEnumAttribute**(*ULONG ulRefType, PVOID pvFile, ULONG ulEntry, PVOID pvBuf, ULONG cbBuf, PULONG pulCount, ULONG ulInfoLevel, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPEA01_INVALIDREFERENCETYPE	0x10	1	Invalid Reference Type
PERR_DPEA02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DPEA02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DPEA03_INVALIDENTRYORDINAL	0x13	3	Invalid Entry Ordinal
PERR_DPEA04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DPEA04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_DPEA05_BUFFERLENGTH0	0x16	5	Buffer Length 0
PERR_DPEA06_NULLPOINTER	0x17	6	NULL Pointer
PERR_DPEA06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_DPEA07_INVALIDINFORMATIONLEVEL	0x19	7	Invalid Information Level

**APIRET APIENTRY DosProtectOpen**(*PSZ pszFileName, PHFILE phf, PULONG pulAction, ULONG cbFile, ULONG ulAttribute, ULONG fsOpenFlags, ULONG fsOpenMode, PEAOP2 peaop2, PFHLOCK pfhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPO01_NULLPOINTER	0x10	1	NULL Pointer
PERR_DPO01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_DPO02_NULLPOINTER	0x12	2	NULL Pointer
PERR_DPO02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_DPO03_NULLPOINTER	0x14	3	NULL Pointer
PERR_DPO03_INVALIDPOINTER	0x15	3	Invalid Pointer
PERR_DPO05_INVALIDATTRIBUTEFLAGBITS6M31	0x16	5	Invalid Attribute Flag Bits 6 - 31
PERR_DPO05_INVALIDATTRIBUTEFLAGBITS3	0x17	5	Invalid Attribute Flag Bits 3

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Symbol	Value	Parameter	Problem	
PERR_DPO06_INVALIDOPENFLAGBITS8M31	0x18	6	Invalid Open Flag Bits	8 - 31
PERR_DPO07_INVALIDOPENMODEBITS16M31	0x19	7	Invalid Open Mode Bits	16 - 31
PERR_DPO07_INVALIDOPENMODEBITS11	0x1a	7	Invalid Open Mode Bits	11
PERR_DPO07_INVALIDOPENMODEBITS3	0x1b	7	Invalid Open Mode Bits	3
PERR_DPO08_INVALIDPOINTER	0x1c	8	Invalid Pointer	
PERR_DPO09_NULLPOINTER	0x1d	9	NULL Pointer	
PERR_DPO09_INVALIDPOINTER	0x1e	9	Invalid Pointer	

**APIRET APIENTRY DosProtectQueryFHState**(*HFILE hFile, PULONG pMode, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPQFHS02_NULLPOINTER	0x10	2	NULL Pointer
PERR_DPQFHS02_INVALIDPOINTER	0x11	2	Invalid Pointer

**APIRET APIENTRY DosProtectQueryFileInfo**(*HFILE hf, ULONG ulInfoLevel, PVOID pInfo, ULONG cbInfoBuf, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPQFI01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DPQFI02_INVALIDINFORMATIONLEVEL	0x11	2	Invalid Information Level
PERR_DPQFI03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DPQFI03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DPQFI04_BUFFERSIZE0	0x14	4	Buffer Size 0

**APIRET APIENTRY DosProtectRead**(*HFILE hFile, PVOID pBuffer, ULONG cbRead, PULONG pcbActual, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPR01_INVALIDHANDLE	0x10	1	Invalid Handle
PERR_DPR02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DPR02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DPR04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DPR04_INVALIDPOINTER	0x14	4	Invalid Pointer



**APIRET APIENTRY DosProtectSetFHState**(*HFILE hFile, ULONG mode, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPSFHS01_INVALIDHANDLE	0x10	1	Invalid Handle
PERR_DPSFHS02_INVALIDMODEFLAGSBITS16M31	0x11	2	Invalid Mode Flags Bits 16 - 31
PERR_DPSFHS02_INVALIDMODEFLAGSBITS4M6	0x12	2	Invalid Mode Flags Bits 4 - 6
PERR_DPSFHS02_INVALIDMODEFLAGSBITS0M2	0x13	2	Invalid Mode Flags Bits 0 - 2

**APIRET APIENTRY DosProtectSetFileInfo**(*HFILE hf, ULONG ulInfoLevel, PVOID pInfoBuf, ULONG cbInfoBuf, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPSFI01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DPSFI02_INVALIDINFORMATIONLEVEL	0x11	2	Invalid Information Level
PERR_DPSFI03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DPSFI03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DPSFI04_BUFFERSIZE0	0x14	4	Buffer Size 0

**APIRET APIENTRY DosProtectSetFileLocks**(*HFILE hFile, PFILELOCK pflUnlock, PFILELOCK pflLock, ULONG timeout, ULONG flags, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPSFL01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DPSFL02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DPSFL02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DPSFL03_NULLPOINTER	0x13	3	NULL Pointer
PERR_DPSFL03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_DPSFL05_INVALIDFLAGS	0x15	5	Invalid Flags

**APIRET APIENTRY DosProtectSetFilePtr**(*HFILE hFile, LONG ib, ULONG method, PULONG ibActual, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPSFP01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DPSFP03_INVALIDMETHOD	0x11	3	Invalid Method

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Symbol	Value	Parameter	Problem
PERR_DPSFP04_NULLPOINTER	0x12	4	NULL Pointer
PERR_DPSFP04_INVALIDPOINTER	0x13	4	Invalid Pointer

**APIRET APIENTRY DosProtectSetFileSize**(*HFILE hFile, ULONG cbSize, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPSFS01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle

**APIRET APIENTRY DosProtectWrite**(*HFILE hFile, PVOID pBuffer, ULONG cbWrite, PULONG pcbActual, FHLOCK fhFileHandleLockID*)

Symbol	Value	Parameter	Problem
PERR_DPW01_INVALIDFILEHANDLE	0x10	1	Invalid File Handle
PERR_DPW02_NULLPOINTER	0x11	2	NULL Pointer
PERR_DPW02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_DPW04_NULLPOINTER	0x13	4	NULL Pointer
PERR_DPW04_INVALIDPOINTER	0x14	4	Invalid Pointer

**D r g \* C a l l s**

**BOOL APIENTRY DrgAcceptDroppedFiles**(*HWND hwnd, PSZ pszPath, PSZ pszTypes, ULONG ulDefaultOp, ULONG ulRsvd*)

Symbol	Value	Parameter	Problem
PERR_DADF01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_DADF02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_DADF03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_DADF04_INVALIDDRAGOPERATION	0x04	4	Invalid Drag Operation

**BOOL APIENTRY DrgAccessDraginfo**(*PDRAGINFO pdinfo*)

Symbol	Value	Parameter	Problem
PERR_DAD01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DAD01_INVALIDPOINTER	0x02	1	Invalid Pointer

**HSTR APIENTRY DrgAddStrHandle**(*PSZ psz*)

Symbol	Value	Parameter	Problem
PERR_DASH01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DASH01_INVALIDPOINTER	0x02	1	Invalid Pointer

**PDRAGINFO APIENTRY DrgAllocDraginfo**(*ULONG cditem*)

Symbol	Value	Parameter	Problem
PERR_DAD01_0OBJECTSREQUESTED	0x01	1	0 Objects Requested

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### PDRAGTRANSFER APIENTRY DrgAllocDragtransfer(*ULONG cdxfer*)

Symbol	Value	Parameter	Problem
PERR_DAD01_0STRUCTURESREQUESTED	0x01	1	0 Structures Requested

### BOOL APIENTRY DrgDeleteDraginfoStrHandles(*PDRAGINFO pdinfo*)

Symbol	Value	Parameter	Problem
PERR_DDDSH01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DDDSH01_INVALIDPOINTER	0x02	1	Invalid Pointer

### BOOL APIENTRY DrgDeleteStrHandle(*HSTR hstr*)

No parameter errors defined.

### HWND APIENTRY DrgDrag(*HWND hwndSource*, *PDRAGINFO pdinfo*, *PDRAGIMAGE pdimg*, *ULONG cdimg*, *LONG vkTerminate*, *PVOID pRsvd*)

Symbol	Value	Parameter	Problem
PERR_DD01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_DD02_NULLPOINTER	0x02	2	NULL Pointer
PERR_DD02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_DD03_NULLPOINTER	0x04	3	NULL Pointer
PERR_DD03_INVALIDPOINTER	0x05	3	Invalid Pointer
PERR_DD03_BUFFERTOOSMALL	0x06	3	Buffer Too Small
PERR_DD04_IMAGECOUNT0	0x07	4	Image Count 0
PERR_DD05_INVALIDVIRTUALKEY	0x08	5	Invalid Virtual Key
PERR_DD06_RESERVEDVALUENOTNULL	0x09	6	Reserved Value Not NULL

### BOOL APIENTRY DrgDragFiles(*HWND hwnd*, *PSZ\* apszFiles*, *PSZ\* apszTypes*, *PSZ\* apszTargets*, *ULONG cFiles*, *HPOINTER hptrDrag*, *ULONG vkTerm*, *BOOL fSourceRender*, *ULONG ulRsvd*)

Symbol	Value	Parameter	Problem
PERR_DDF01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_DDF02_NULLPOINTER	0x02	2	NULL Pointer

Symbol	Value	Parameter	Problem
PERR_DDF02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_DDF02_BUFFERTOOSMALL	0x04	2	Buffer Too Small
PERR_DDF03_NULLPOINTER	0x05	3	NULL Pointer
PERR_DDF03_INVALIDPOINTER	0x06	3	Invalid Pointer
PERR_DDF03_BUFFERTOOSMALL	0x07	3	Buffer Too Small
PERR_DDF04_NULLPOINTER	0x08	4	NULL Pointer
PERR_DDF04_INVALIDPOINTER	0x09	4	Invalid Pointer
PERR_DDF04_BUFFERTOOSMALL	0x0a	4	Buffer Too Small
PERR_DDF05_IMAGECOUNT0	0x0b	5	Image Count 0
PERR_DDF06_INVALIDPOINTER	0x0c	6	Invalid Pointer
PERR_DDF07_INVALIDVIRTUALKEY	0x0d	7	Invalid Virtual Key
PERR_DDF09_RESERVEDVALUENOTNULL	0x0e	9	Reserved Value Not NULL

#### BOOL APIENTRY DrgFreeDraginfo(*PDRAGINFO pdinfo*)

Symbol	Value	Parameter	Problem
PERR_DFD01_NULLDRAGINFOPOINTER	0x01	1	NULL Drag Info Pointer
PERR_DFD01_INVALIDDRAGINFOPOINTER	0x02	1	Invalid Drag Info Pointer

#### BOOL APIENTRY DrgFreeDragtransfer(*PDRAGTRANSFER pdxfer*)

Symbol	Value	Parameter	Problem
PERR_DFD01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DFD01_INVALIDPOINTER	0x02	1	Invalid Pointer

#### HPS APIENTRY DrgGetPS(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_DGSP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

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**BOOL APIENTRY DrgPostTransferMsg**(*HWND hwnd, ULONG msg, PDRAGTRANSFER pdxfer, ULONG fl, ULONG ulRsvd, BOOL fRetry*)

Symbol	Value	Parameter	Problem
PERR_DPTM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_DPTM02_INVALIDMESSAGEVALUE	0x02	2	Invalid Message Value
PERR_DPTM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_DPTM04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_DPTM05_RESERVEDVALUENOTNULL	0x05	5	Reserved Value Not NULL

**BOOL APIENTRY DrgPushDraginfo**(*PDRAGINFO pdinfo, HWND hwndDest*)

Symbol	Value	Parameter	Problem
PERR_DPD01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DPD01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DPD02_INVALIDWINDOWHANDLE	0x03	2	Invalid Window Handle

**BOOL APIENTRY DrgQueryDragitem**(*PDRAGINFO pdinfo, ULONG cbBuffer, PDRAGITEM pditem, ULONG iItem*)

Symbol	Value	Parameter	Problem
PERR_DQD01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DQD01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DQD02_BUFFERSIZE0	0x03	2	Buffer Size 0
PERR_DQD03_NULLPOINTER	0x04	3	NULL Pointer
PERR_DQD03_INVALIDPOINTER	0x05	3	Invalid Pointer

**ULONG APIENTRY DrgQueryDragitemCount**(*PDRAGINFO pdinfo*)

Symbol	Value	Parameter	Problem
PERR_DQDC01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DQDC01_INVALIDPOINTER	0x02	1	Invalid Pointer



**PDRAGITEM APIENTRY DrgQueryDragitemPtr**(PDRAGINFO pinfo, ULONG i)

Symbol	Value	Parameter	Problem
PERR_DQDP01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DQDP01_INVALIDPOINTER	0x02	1	Invalid Pointer

**BOOL APIENTRY DrgQueryNativeRMF**(PDRAGITEM pditem, ULONG cbBuffer, PCHAR pBuffer)

Symbol	Value	Parameter	Problem
PERR_DQNRMF01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DQNRMF01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DQNRMF02_BUFFERSIZE0	0x03	2	Buffer Size 0
PERR_DQNRMF03_NULLPOINTER	0x04	3	NULL Pointer
PERR_DQNRMF03_INVALIDPOINTER	0x05	3	Invalid Pointer
PERR_DQNRMF03_BUFFERTOOSMALL	0x06	3	Buffer Too Small

**ULONG APIENTRY DrgQueryNativeRMFLen**(PDRAGITEM pditem)

Symbol	Value	Parameter	Problem
PERR_DQNRMFL01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DQNRMFL01_INVALIDPOINTER	0x02	1	Invalid Pointer

**ULONG APIENTRY DrgQueryStrName**(HSTR hstr, ULONG cbBuffer, PSZ pBuffer)

Symbol	Value	Parameter	Problem
PERR_DQSN01_INVALIDSTRINGHANDLE	0x01	1	Invalid String Handle
PERR_DQSN02_BUFFERSTOOSMALL	0x02	2	Buffer Size to Small
PERR_DQSN03_NULLPOINTER	0x03	3	NULL Pointer
PERR_DQSN03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_DQSN03_BUFFERTOOSMALL	0x05	3	Buffer Too Small

**ULONG APIENTRY DrgQueryStrNameLen**(HSTR hstr)

No parameter errors defined.

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### BOOL APIENTRY DrgQueryTrueType(*PDRAGITEM pditem, ULONG cbBuffer, PSZ pBuffer*)

Symbol	Value	Parameter	Problem
PERR_DQTT01_INVALIDSTRINGHANDLE	0x01	1	Invalid String Handle
PERR_DQTT02_BUFFERSIZETOSMALL	0x02	2	Buffer Size to Small
PERR_DQTT03_NULLPOINTER	0x03	3	NULL Pointer
PERR_DQTT03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_DQTT03_BUFFERTOOSMALL	0x05	3	Buffer Too Small

### ULONG APIENTRY DrgQueryTrueTypeLen(*PDRAGITEM pditem*)

Symbol	Value	Parameter	Problem
PERR_DQTTL01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DQTTL01_INVALIDPOINTER	0x02	1	Invalid Pointer

### BOOL APIENTRY DrgReleasePS(*HPS hps*)

No parameter errors defined.

### MRESULT APIENTRY DrgSendTransferMsg(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_DSTM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_DSTM02_INVALIDMESSAGE	0x02	2	Invalid Message

### BOOL APIENTRY DrgSetDragImage(*PDRAGINFO pdinfo, PDRAGIMAGE pdimg, ULONG cdimg, PVOID pRsvd*)

Symbol	Value	Parameter	Problem
PERR_DSDI01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DSDI01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DSDI02_NULLPOINTER	0x03	2	NULL Pointer
PERR_DSDI02_INVALIDPOINTER	0x04	2	Invalid Pointer
PERR_DSDI02_BUFFERTOOSMALL	0x05	2	Buffer Too Small
PERR_DSDI03_COUNT0	0x06	3	Count 0
PERR_DSDI04_RESERVENOTNULL	0x07	4	Reserve Not NULL

**BOOL APIENTRY DrgSetDragPointer**(*PDRAGINFO pinfo, HPOINTER hptr*)

Symbol	Value	Parameter	Problem
PERR_DSDP01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DSDP01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DSDP02_INVALIDPOINTERHANDLE	0x03	2	Invalid Pointer Handle

**BOOL APIENTRY DrgSetDragitem**(*PDRAGINFO pinfo, PDRAGITEM pditem, ULONG cbBuffer, ULONG iItem*)

Symbol	Value	Parameter	Problem
PERR_DSD01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DSD01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DSD02_NULLPOINTER	0x03	2	NULL Pointer
PERR_DSD02_INVALIDPOINTER	0x04	2	Invalid Pointer
PERR_DSD03_BUFFER_SIZE_INCORRECT	0x05	3	Buffer Size Incorrect

**BOOL APIENTRY DrgVerifyNativeRMF**(*PDRAGITEM pditem, PSZ pszRMF*)

Symbol	Value	Parameter	Problem
PERR_DVNRMF01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DVNRMF01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DVNRMF02_NULLPOINTER	0x03	2	NULL Pointer
PERR_DVNRMF02_INVALIDPOINTER	0x04	2	Invalid Pointer

**BOOL APIENTRY DrgVerifyRMF**(*PDRAGITEM pditem, PSZ pszMech, PSZ pszFmt*)

Symbol	Value	Parameter	Problem
PERR_DVRMF01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DVRMF01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DVRMF02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_DVRMF03_INVALIDPOINTER	0x04	3	Invalid Pointer

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**BOOL APIENTRY DrgVerifyTrueType**(*PDRAGITEM pditem, PSZ pszType*)

Symbol	Value	Parameter	Problem
PERR_DVTT01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DVTT01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DVTT02_NULLPOINTER	0x03	2	NULL Pointer
PERR_DVTT02_INVALIDPOINTER	0x04	2	Invalid Pointer

**BOOL APIENTRY DrgVerifyType**(*PDRAGITEM pditem, PSZ pszType*)

Symbol	Value	Parameter	Problem
PERR_DVT01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DVT01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DVT02_NULLPOINTER	0x03	2	NULL Pointer
PERR_DVT02_INVALIDPOINTER	0x04	2	Invalid Pointer

**BOOL APIENTRY DrgVerifyTypeSet**(*PDRAGITEM pditem, PSZ pszType, ULONG cbMatch, PSZ pszMatch*)

Symbol	Value	Parameter	Problem
PERR_DVTS01_NULLPOINTER	0x01	1	NULL Pointer
PERR_DVTS01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_DVTS02_NULLPOINTER	0x03	2	NULL Pointer
PERR_DVTS02_INVALIDPOINTER	0x04	2	Invalid Pointer
PERR_DVTS03_BUFFERLENGTH0	0x05	3	Buffer Length 0
PERR_DVTS04_NULLPOINTER	0x06	4	NULL Pointer
PERR_DVTS04_INVALIDPOINTER	0x07	4	Invalid Pointer

# G p i \* C a l l s

**LONG APIENTRY GpiAnimatePalette**(*HPAL hpal, ULONG ulFormat, ULONG ulStart, ULONG ulCount, PULONG aulTable*)

Symbol	Value	Parameter	Problem
PERR_GAP02_INVALIDFORMAT	0x01	2	Invalid Format
PERR_GAP05_NULLPOINTER	0x02	5	NULL Pointer
PERR_GAP05_INVALIDPOINTER	0x03	5	Invalid Pointer

**BOOL APIENTRY GpiAssociate**(*HPS hps, HDC hdc*)

No parameter errors defined.

**BOOL APIENTRY GpiBeginArea**(*HPS hps, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_GBA02_INVALIDOPTIONSFLAG	0x01	2	Invalid Options Flag

**BOOL APIENTRY GpiBeginElement**(*HPS hps, LONG lType, PSZ pszDesc*)

Symbol	Value	Parameter	Problem
PERR_GBE02_INVALIDFORMAT	0x01	2	Invalid Format
PERR_GBE03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GBE03_INVALIDPOINTER	0x03	3	Invalid Pointer

**BOOL APIENTRY GpiBeginPath**(*HPS hps, LONG lPath*)

Symbol	Value	Parameter	Problem
PERR_GBP02_INVALIDFORMAT	0x01	2	Invalid Format

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**LONG APIENTRY GpiBitBlit**(*HPS hpsTarget, HPS hpsSource, LONG lCount, PPOINTL aptlPoints, LONG lRop, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_GBB03_COUNTLT3	0x01	3	Count < 3
PERR_GBB03_COUNTGT4	0x02	3	Count > 4
PERR_GBB04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GBB04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GBB04_XLTM32768	0x05	4	x < -32,768
PERR_GBB04_XGT32767	0x06	4	x > 32,767
PERR_GBB04_YLTM32768	0x07	4	y < -32,768
PERR_GBB04_YGT32767	0x08	4	y > 32,767
PERR_GBB06_INVALIDOPTIONS	0x09	6	Invalid Options

**LONG APIENTRY GpiBox**(*HPS hps, LONG lControl, PPOINTL pptlPoint, LONG lHRound, LONG lVRound*)

Symbol	Value	Parameter	Problem
PERR_GB02_INVALIDCONTROLOPTION	0x01	2	Invalid Control Option
PERR_GB03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GB03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GB03_XLTM32768	0x04	3	x < -32,768
PERR_GB03_XGT32767	0x05	3	x > 32,767
PERR_GB03_YLTM32768	0x06	3	y < -32,768
PERR_GB03_YGT32767	0x07	3	y > 32,767
PERR_GB04_HORIZONTALROUNDINGLT0	0x08	4	Horizontal Rounding < 0
PERR_GB05_VERTICALROUNDINGLT0	0x09	5	Vertical Rounding < 0

**LONG APIENTRY GpiCallSegmentMatrix**(*HPS hps, LONG lSegment, LONG lCount, PMATRIXLF pmatlfArray, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GCSM02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GCSM03_ELEMENTCOUNTLT0	0x02	3	Element Count < 0
PERR_GCSM03_ELEMENTCOUNTGT9	0x03	3	Element Count > 9
PERR_GCSM04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GCSM04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_GCSM05_INVALIDTRANSFORMATIONOPTION	0x06	5	Invalid Transformation Option

**LONG APIENTRY GpiCharString**(*HPS hps, LONG lCount, PCH pchString*)

Symbol	Value	Parameter	Problem
PERR_GCS02_COUNTLT0	0x01	2	Count < 0
PERR_GCS02_COUNTGT512	0x02	2	Count > 512
PERR_GCS03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GCS03_INVALIDPOINTER	0x04	3	Invalid Pointer

**LONG APIENTRY GpiCharStringAt**(*HPS hps, PPOINTL pptlPoint, LONG lCount, PCH pchString*)

Symbol	Value	Parameter	Problem
PERR_GCSA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GCSA02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GCSA02_XLTM32768	0x03	2	x < -32,768
PERR_GCSA02_XGT32767	0x04	2	x > 32,767
PERR_GCSA02_YLTM32768	0x05	2	y < -32,768
PERR_GCSA02_YGT32767	0x06	2	y > 32,767
PERR_GCSA03_COUNTLT0	0x07	3	Count < 0
PERR_GCSA03_COUNTGT512	0x08	3	Count > 512
PERR_GCSA04_NULLPOINTER	0x09	4	NULL Pointer
PERR_GCSA04_INVALIDPOINTER	0x0a	4	Invalid Pointer

**LONG APIENTRY GpiCharStringPos**(*HPS hps, PRECTL prclRect, ULONG flOptions, LONG lCount, PCH pchString, PLONG alAdx*)

Symbol	Value	Parameter	Problem
PERR_GCSP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GCSP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GCSP02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GCSP02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GCSP02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GCSP02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GCSP02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GCSP02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GCSP02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GCSP02_YTOPGT32767	0x0a	2	yTop > 32,767

## 60 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_GCSP02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_GCSP02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom
PERR_GCSP03_INVALIDFORMATTINGOPTION	0x0d	3	Invalid Formatting Option
PERR_GCSP04_CHARACTERCOUNTLT0	0x0e	4	Character Count < 0
PERR_GCSP04_CHARACTERCOUNTGT512	0x0f	4	Character Count > 512
PERR_GCSP05_NULLPOINTER	0x10	5	NULL Pointer
PERR_GCSP05_INVALIDPOINTER	0x11	5	Invalid Pointer
PERR_GCSP06_NULLPOINTER	0x12	6	NULL Pointer
PERR_GCSP06_INVALIDPOINTER	0x13	6	Invalid Pointer

**LONG APIENTRY GpiCharStringPosAt**(*HPS hps*, *PPOINTL pptlStart*, *PRECTL prclRect*, *ULONG flOptions*, *LONG lCount*, *PCH pchString*, *PLONG alAdx*)

Symbol	Value	Parameter	Problem
PERR_GCSPA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GCSPA02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GCSPA02_XLTM32768	0x03	2	x < -32,768
PERR_GCSPA02_XGT32767	0x04	2	x > 32,767
PERR_GCSPA02_YLTM32768	0x05	2	y < -32,768
PERR_GCSPA02_YGT32767	0x06	2	y > 32,767
PERR_GCSPA03_NULLPOINTER	0x07	3	NULL Pointer
PERR_GCSPA03_INVALIDPOINTER	0x08	3	Invalid Pointer
PERR_GCSPA03_XLEFTLTM32768	0x09	3	xLeft < -32,768
PERR_GCSPA03_XLEFTGT32767	0x0a	3	xLeft > 32,767
PERR_GCSPA03_XRIGHTLTM32768	0x0b	3	xRight < -32,768
PERR_GCSPA03_XRIGHTGT32767	0x0c	3	xRight > 32,767
PERR_GCSPA03_YBOTTOMLTM32768	0x0d	3	yBottom < -32,768
PERR_GCSPA03_YBOTTOMGT32767	0x0e	3	yBottom > 32,767
PERR_GCSPA03_YTOPLTM32768	0x0f	3	yTop < -32,768
PERR_GCSPA03_YTOPGT32767	0x10	3	yTop > 32,767
PERR_GCSPA03_XRIGHTLTXLEFT	0x11	3	xRight < xLeft
PERR_GCSPA03_YTOPLTYBOTTOM	0x12	3	yTop < yBottom
PERR_GCSPA04_INVALIDFORMATTINGOPTION	0x13	4	Invalid Formatting Option
PERR_GCSPA05_CHARACTERCOUNTLT0	0x14	5	Character Count < 0
PERR_GCSPA05_CHARACTERCOUNTGT512	0x15	5	Character Count > 512
PERR_GCSPA06_NULLPOINTER	0x16	6	NULL Pointer
PERR_GCSPA06_INVALIDPOINTER	0x17	6	Invalid Pointer





Symbol	Value	Parameter	Problem
PERR_GCSPA07_NULLPOINTER	0x18	7	NULL Pointer
PERR_GCSPA07_INVALIDPOINTER	0x19	7	Invalid Pointer

**BOOL APIENTRY GpiCloseFigure**(*HPS hps*)

No parameter errors defined.

**BOOL APIENTRY GpiCloseSegment**(*HPS hps*)

No parameter errors defined.

**LONG APIENTRY GpiCombineRegion**(*HPS hps, HRGN hrgnDest, HRGN hrgnSrc1, HRGN hrgnSrc2, LONG lMode*)

Symbol	Value	Parameter	Problem
PERR_GCR05_INVALIDMETHOD	0x01	5	Invalid Method

**BOOL APIENTRY GpiComment**(*HPS hps, LONG lLength, PBYTE pbData*)

Symbol	Value	Parameter	Problem
PERR_GC02_LENGTHLT0	0x01	2	Length < 0
PERR_GC02_LENGTHHLT255	0x02	2	Length < 255
PERR_GC03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GC03_INVALIDPOINTER	0x04	3	Invalid Pointer

**BOOL APIENTRY GpiConvert**(*HPS hps, LONG lSrc, LONG lTarg, LONG lCount, PPOINTL aptlPoints*)

Symbol	Value	Parameter	Problem
PERR_GC02_INVALIDSOURCECOMORDINATESPACE	0x01	2	Invalid Source Co-ordinate Space
PERR_GC03_INVALIDTARGETCOMORDINATESPACE	0x02	3	Invalid Target Co-ordinate Space
PERR_GC04_PAIRSCOUNTLT0	0x03	4	Pairs Count < 0
PERR_GC05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GC05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GC05_XLTM32768	0x06	5	x < -32,768
PERR_GC05_XGT32767	0x07	5	x > 32,767
PERR_GC05_YLTM32768	0x08	5	y < -32,768

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Symbol	Value	Parameter	Problem
PERR_GC05_YGT32767	0x09	5	y > 32,767

**BOOL APIENTRY GpiConvertWithMatrix**(*HPS hps, LONG lCountp, PPOINTL aptlPoints, LONG lCount, PMATRIXLF pmatlfArray*)

Symbol	Value	Parameter	Problem
PERR_GCWM02_PAIRSCOUNTLT0	0x01	2	Pairs Count < 0
PERR_GCWM03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GCWM03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GCWM03_XLTM32768	0x04	3	x < -32,768
PERR_GCWM03_XGT32767	0x05	3	x > 32,767
PERR_GCWM03_YLTM32768	0x06	3	y < -32,768
PERR_GCWM03_YGT32767	0x07	3	y > 32,767
PERR_GCWM04_MATRIXELEMENTCOUNTLT0	0x08	4	Matrix Element Count < 0
PERR_GCWM04_MATRIXELEMENTCOUNTGT9	0x09	4	Matrix Element Count > 9
PERR_GCWM05_NULLPOINTER	0x0a	5	NULL Pointer
PERR_GCWM05_INVALIDPOINTER	0x0b	5	Invalid Pointer

**HMF APIENTRY GpiCopyMetaFile**(*HMF hmf*)

No parameter errors defined.

**LONG APIENTRY GpiCorrelateChain**(*HPS hps, LONG lType, PPOINTL pptlPick, LONG lMaxHits, LONG lMaxDepth, PLONG pl2*)

Symbol	Value	Parameter	Problem
PERR_GCC02_INVALIDTYPE	0x01	2	Invalid Type
PERR_GCC03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GCC03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GCC03_XLTM32768	0x04	3	x < -32,768
PERR_GCC03_XGT32767	0x05	3	x > 32,767
PERR_GCC03_YLTM32768	0x06	3	y < -32,768
PERR_GCC03_YGT32767	0x07	3	y > 32,767
PERR_GCC03_MAXIMUMHITSLT0	0x08	3	Maximum Hits < 0
PERR_GCC05_MAXIMUMPAIRSLT0	0x09	5	Maximum Pairs < 0

Symbol	Value	Parameter	Problem
PERR_GCC06_NULLPOINTER	0x0a	6	NULL Pointer
PERR_GCC06_INVALIDPOINTER	0x0b	6	Invalid Pointer

**LONG APIENTRY GpiCorrelateFrom**(*HPS hps, LONG lFirstSegment, LONG lLastSegment, LONG lType, PPOINTL pptlPick, LONG lMaxHits, LONG lMaxDepth, PLONG plSegTag*)

Symbol	Value	Parameter	Problem
PERR_GCF02_FIRSTSEGMENTLT1	0x01	2	First Segment < 1
PERR_GCF03_LASTSEGMENTLT1	0x02	3	Last Segment < 1
PERR_GCF04_INVALIDIDTYPE	0x03	4	Invalid Type
PERR_GCF05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GCF05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GCF05_XLTM32768	0x06	5	x < -32,768
PERR_GCF05_XGT32767	0x07	5	x > 32,767
PERR_GCF05_YLTM32768	0x08	5	y < -32,768
PERR_GCF05_YGT32767	0x09	5	y > 32,767
PERR_GCF06_MAXIMUMHITSLT0	0x0a	6	Maximum Hits < 0
PERR_GCF07_MAXIMUMPAIRSLT0	0x0b	7	Maximum Pairs < 0
PERR_GCF08_NULLPOINTER	0x0c	8	NULL Pointer
PERR_GCF08_INVALIDPOINTER	0x0d	8	Invalid Pointer

**LONG APIENTRY GpiCorrelateSegment**(*HPS hps, LONG lSegment, LONG lType, PPOINTL pptlPick, LONG lMaxHits, LONG lMaxDepth, PLONG alSegTag*)

Symbol	Value	Parameter	Problem
PERR_GCS02_SEGMENTLT1	0x01	2	Segment < 1
PERR_GCS03_INVALIDIDTYPE	0x02	3	Invalid Type
PERR_GCS04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GCS04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GCS04_XLTM32768	0x05	4	x < -32,768
PERR_GCS04_XGT32767	0x06	4	x > 32,767
PERR_GCS04_YLTM32768	0x07	4	y < -32,768
PERR_GCS04_YGT32767	0x08	4	y > 32,767
PERR_GCS05_MAXIMUMHITSLT0	0x09	5	Maximum Hits < 0
PERR_GCS06_MAXIMUMPAIRSLT0	0x0a	6	Maximum Pairs < 0

## 64 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_GCS07_NULLPOINTER	0x0b	7	NULL Pointer
PERR_GCS07_INVALIDPOINTER	0x0c	7	Invalid Pointer

**HBITMAP APIENTRY GpiCreateBitmap**(*HPS hps, PBITMAPINFOHEADER2 pbmpNew, ULONG flOptions, PBYTE pbInitData, PBITMAPINFO2 pbmiInfoTable*)

Symbol	Value	Parameter	Problem
PERR_GCB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GCB02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GCB03_INVALIDFORMAT	0x03	3	Invalid Format
PERR_GCB04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GCB04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_GCB05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GCB05_INVALIDPOINTER	0x07	5	Invalid Pointer

**BOOL APIENTRY GpiCreateLogColorTable**(*HPS hps, ULONG flOptions, LONG lFormat, LONG lStart, LONG lCount, PLONG alTable*)

Symbol	Value	Parameter	Problem
PERR_GCLCT02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GCLCT03_INVALIDFORMAT	0x02	3	Invalid Format
PERR_GCLCT04_STARTINGINDEXLT0	0x03	4	Starting Index < 0
PERR_GCLCT05_ELEMENTSCOUNTODD	0x04	5	Elements Count Odd
PERR_GCLCT05_ELEMENTSCOUNTLT0	0x05	5	Elements Count < 0
PERR_GCLCT06_NULLPOINTER	0x06	6	NULL Pointer
PERR_GCLCT06_INVALIDPOINTER	0x07	6	Invalid Pointer

**LONG APIENTRY GpiCreateLogFont**(*HPS hps, PSTR8 pName, LONG lLcid, PFATTRS pfatAttrs*)

Symbol	Value	Parameter	Problem
PERR_GCLF02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_GCLF03_LOCALIDLT0	0x02	3	Local ID < 0
PERR_GCLF03_LOCALIDGT254	0x03	3	Local ID > 254
PERR_GCLF04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GCLF04_INVALIDPOINTER	0x05	4	Invalid Pointer



**HPS APIENTRY GpiCreatePS**(*HAB hab, HDC hdc, PSIZEL pszlSize, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_GCPS03_NULLPOINTER	0x01	3	NULL Pointer
PERR_GCPS03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_GCPS04_INVALIDOPTION	0x03	4	Invalid Option

**HPAL APIENTRY GpiCreatePalette**(*HAB hab, ULONG flOptions, ULONG ulFormat, ULONG ulCount, PULONG aulTable*)

Symbol	Value	Parameter	Problem
PERR_GCP02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GCP03_INVALIDFORMAT	0x01	3	Invalid Format
PERR_GCP04_COUNTLT1	0x01	4	Count < 1
PERR_GCP05_NULLPOINTER	0x02	5	NULL Pointer
PERR_GCP05_INVALIDPOINTER	0x03	5	Invalid Pointer

**HRGN APIENTRY GpiCreateRegion**(*HPS hps, LONG lCount, PRECTL arclRectangles*)

Symbol	Value	Parameter	Problem
PERR_GCR02_COUNTLT0	0x01	2	Count < 0
PERR_GCR03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GCR03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GCR03_XLEFTLTM32768	0x04	3	xLeft < -32,768
PERR_GCR03_XLEFTGT32767	0x05	3	xLeft > 32,767
PERR_GCR03_XRIGHTLTM32768	0x06	3	xRight < -32,768
PERR_GCR03_XRIGHTGT32767	0x07	3	xRight > 32,767
PERR_GCR03_YBOTTOMLTM32768	0x08	3	yBottom < -32,768
PERR_GCR03_YBOTTOMGT32767	0x09	3	yBottom > 32,767
PERR_GCR03_YTOPLTM32768	0x0a	3	yTop < -32,768
PERR_GCR03_YTOPGT32767	0x0b	3	yTop > 32,767
PERR_GCR03_XRIGHTLTLEFT	0x0c	3	xRight < xLeft

  

Symbol	Value	Parameter	Problem
PERR_GCR03_YTOPLTYBOTTOM	0x0d	3	yTop < yBottom

**BOOL APIENTRY GpiDeleteBitmap**(*HBITMAP hbm*)

No parameter errors defined.

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### **BOOL APIENTRY GpiDeleteElement**(*HPS hps*)

No parameter errors defined.

### **BOOL APIENTRY GpiDeleteElementRange**(*HPS hps, LONG lFirstElement, LONG lLastElement*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GDER02_FIRSTELEMENTLT0	0x01	2	First Element < 0
PERR_GDER03_SECONDELEMENTLT0	0x02	3	Second Element < 0

### **BOOL APIENTRY GpiDeleteElementsBetweenLabels**(*HPS hps, LONG lFirstLabel, LONG lLastLabel*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GDEBL02_FIRSTLABELLT0	0x01	2	First Label < 0
PERR_GDEBL03_SECONDLABELLT0	0x02	3	Second Label < 0

### **BOOL APIENTRY GpiDeleteMetaFile**(*HMF hmf*)

No parameter errors defined.

### **BOOL APIENTRY GpiDeletePalette**(*HPAL hpal*)

No parameter errors defined.

### **BOOL APIENTRY GpiDeleteSegment**(*HPS hps, LONG lSegid*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GDS02_SEGMENTIDLT1	0x01	2	Segment ID < 1

**BOOL APIENTRY GpiDeleteSegments**(HPS hps, LONG lFirstSegment, LONG lLastSegment)

Symbol	Value	Parameter	Problem
PERR_GDS02_FIRSTSEGMENTLT1	0x01	2	First Segment < 1
PERR_GDS03_SECONDSEGMENTLT1	0x02	3	Second Segment < 1

**BOOL APIENTRY GpiDeleteSetId**(HPS hps, LONG lLcid)

Symbol	Value	Parameter	Problem
PERR_GDSI02_LOCALIDLT0	0x01	2	Local ID < 0
PERR_GDSI02_LOCALIDGT254	0x02	2	Local ID > 254

**BOOL APIENTRY GpiDestroyPS**(HPS hps)

No parameter errors defined.

**BOOL APIENTRY GpiDestroyRegion**(HPS hps, HRGN hrgn)

No parameter errors defined.

**LONG APIENTRY GpiDrawBits**(HPS hps, PVOID pBits, PBITMAPINFO2 pbmiInfoTable, LONG lCount, PPOINTL aptlPoints, LONG lRop, ULONG flOptions)

Symbol	Value	Parameter	Problem
PERR_GDB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GDB02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GDB03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GDB03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GDB04_INVALIDCOUNT	0x05	4	Invalid Count
PERR_GDB05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GDB05_INVALIDPOINTER	0x07	5	Invalid Pointer
PERR_GDB05_XLTM32768	0x08	5	x < -32,768
PERR_GDB05_XGT32767	0x09	5	x > 32,767
PERR_GDB05_YLTM32768	0x0a	5	y < -32,768
PERR_GDB05_YGT32767	0x0b	5	y > 32,767
PERR_GDB07_INVALIDOPTIONS	0x0c	7	Invalid Options

**BOOL APIENTRY GpiDrawChain**(HPS hps)

## 68 Parameter Error Reference

No parameter errors defined.

### **BOOL APIENTRY GpiDrawDynamics**(*HPS hps*)

No parameter errors defined.

### **BOOL APIENTRY GpiDrawFrom**(*HPS hps, LONG lFirstSegment, LONG lLastSegment*)

Symbol	Value	Parameter	Problem
PERR_GDF02_FIRSTSEGMENTLT1	0x01	2	First Segment < 1
PERR_GDF03_SECONDSEGMENTLT1	0x02	3	Second Segment < 1

### **BOOL APIENTRY GpiDrawSegment**(*HPS hps, LONG lSegment*)

Symbol	Value	Parameter	Problem
PERR_GDS02_SEGMENTIDLT1	0x01	2	Segment ID < 1

### **LONG APIENTRY GpiElement**(*HPS hps, LONG lType, PSZ pszDesc, LONG lLength, PBYTE pbData*)

Symbol	Value	Parameter	Problem
PERR_GE02_INVALIDELEMENTTYPE	0x01	2	Invalid Element Type
PERR_GE03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GE03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GE04_BUFFERLENGTHLT0	0x04	4	Buffer Length < 0
PERR_GE04_BUFFERLENGTHGT63KB	0x05	4	Buffer Length > 63 KB
PERR_GE05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GE05_INVALIDPOINTER	0x07	5	Invalid Pointer

### **LONG APIENTRY GpiEndArea**(*HPS hps*)

No parameter errors defined.

### **BOOL APIENTRY GpiEndElement**(*HPS hps*)

No parameter errors defined.



**BOOL APIENTRY GpiEndPath**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiEqualRegion**(HPS hps, HRGN hrgnSrc1, HRGN hrgnSrc2)

No parameter errors defined.

**BOOL APIENTRY GpiErase**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiErrorSegmentData**(HPS hps, PLONG plSegment, PLONG plContext)

Symbol	Value	Parameter	Problem
PERR_GESD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GESD02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GESD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GESD03_INVALIDPOINTER	0x04	3	Invalid Pointer

**LONG APIENTRY GpiExcludeClipRectangle**(HPS hps, PRECTL prclRectangle)

Symbol	Value	Parameter	Problem
PERR_GECR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GECR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GECR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GECR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GECR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GECR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GECR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GECR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GECR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GECR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GECR02_XRIGHTLXLEFT	0x0b	2	xRight < xLeft
PERR_GECR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

## 70 Parameter Error Reference

### LONG APIENTRY GpiFillPath(*HPS hps, LONG lPath, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GFP02_INVALIDPATHID	0x01	2	Invalid Path ID
PERR_GFP03_INVALIDOPTIONS	0x02	3	Invalid Options

### LONG APIENTRY GpiFloodFill(*HPS hps, LONG lOptions, LONG lColor*)

Symbol	Value	Parameter	Problem
PERR_GFF02_INVALIDOPTION	0x01	2	Invalid Option

### LONG APIENTRY GpiFrameRegion(*HPS hps, HRGN hrgn, PSIZEL thickness*)

Symbol	Value	Parameter	Problem
PERR_GFR03_NULLPOINTER	0x01	3	NULL Pointer
PERR_GFR03_INVALIDPOINTER	0x01	3	Invalid Pointer

### LONG APIENTRY GpiFullArc(*HPS hps, LONG lControl, FIXED fxMultiplier*)

Symbol	Value	Parameter	Problem
PERR_GFA02_INVALIDOPTION	0x01	2	Invalid Option

### LONG APIENTRY GpiGetData(*HPS hps, LONG lSegid, PLONG plOffset, LONG lFormat, LONG lLength, PBYTE pbData*)

Symbol	Value	Parameter	Problem
PERR_GGD02_SEGMENTIDLTO	0x01	2	Segment ID < 0
PERR_GGD03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GGD03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GGD04_INVALIDFORMAT	0x04	4	Invalid Format
PERR_GGD05_BUFFERLENGTHLTO	0x05	5	Buffer Length < 0
PERR_GGD06_NULLPOINTER	0x06	6	NULL Pointer
PERR_GGD06_INVALIDPOINTER	0x07	6	Invalid Pointer

**LONG APIENTRY GpiImage**(*HPS hps, LONG lFormat, PSIZEL pszImageSize, LONG lLength, PBYTE pbData*)

Symbol	Value	Parameter	Problem
PERR_GI02_INVALIDFORMAT	0x01	2	Invalid Format
PERR_GI03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GI03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GI04_LENGTHLTO	0x04	4	Length < 0
PERR_GI05_NULLPOINTER	0x05	5	NULL Pointer
PERR_GI05_INVALIDPOINTER	0x06	5	Invalid Pointer

**LONG APIENTRY GpiIntersectClipRectangle**(*HPS hps, PRECTL prclRectangle*)

Symbol	Value	Parameter	Problem
PERR_GICR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GICR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GICR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GICR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GICR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GICR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GICR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GICR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GICR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GICR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GICR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_GICR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY GpiLabel**(*HPS hps, LONG lLabel*)

No parameter errors defined.

**LONG APIENTRY GpiLine**(*HPS hps, PPOINTL pptEndPoint*)

Symbol	Value	Parameter	Problem
PERR_GL02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GL02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GL03_XLTM32768	0x03	3	x < -32,768
PERR_GL03_XGT32767	0x04	3	x > 32,767

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Symbol	Value	Parameter	Problem
PERR_GLO3_YLTM32768	0x05	3	y < -32,768
PERR_GLO3_YGT32767	0x06	3	y > 32,767

**HBITMAP APIENTRY GpiLoadBitmap**(*HPS hps, HMODULE Resource, ULONG idBitmap, LONG lWidth, LONG lHeight*)

Symbol	Value	Parameter	Problem
PERR_GLB02_INVALIDDLLMODULEHANDLE	0x01	2	Invalid DLL Module Handle
PERR_GLB03_BITMAPIDGT65535	0x02	3	Bitmap ID > 65,535
PERR_GLB04_BITMAPWIDTHLT0	0x03	4	Bitmap Width < 0
PERR_GLB05_BITMAPHEIGHTLT0	0x04	5	Bitmap Height < 0

**BOOL APIENTRY GpiLoadFonts**(*HAB hab, PSZ pszFilename*)

Symbol	Value	Parameter	Problem
PERR_GLF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GLF02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GLF03_INVALIDPATH	0x03	3	Invalid Path

**HMF APIENTRY GpiLoadMetaFile**(*HAB hab, PSZ pszFilename*)

Symbol	Value	Parameter	Problem
PERR_GLMF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GLMF02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiLoadPublicFonts**(*HAB hab, PSZ pszFilename*)

Symbol	Value	Parameter	Problem
PERR_GLPF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GLPF02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GLPF02_INVALIDPATH	0x03	2	Invalid Path



**LONG APIENTRY GpiMarker**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GM02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GM02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GM02_XLTM32768	0x03	2	x < -32,768
PERR_GM02_XGT32767	0x04	2	x > 32,767
PERR_GM02_YLTM32768	0x05	2	y < -32,768
PERR_GM02_YGT32767	0x06	2	y > 32,767

**BOOL APIENTRY GpiModifyPath**(*HPS hps, LONG lPath, LONG lMode*)

Symbol	Value	Parameter	Problem
PERR_GMP02_INVALIDPATHID	0x01	2	Invalid Path ID
PERR_GMP02_INVALIDMODIFICATION	0x02	2	Invalid Modification

**BOOL APIENTRY GpiMove**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GM02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GM02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GM02_XLTM32768	0x03	2	x < -32,768
PERR_GM02_XGT32767	0x04	2	x > 32,767
PERR_GM02_YLTM32768	0x05	2	y < -32,768
PERR_GM02_YGT32767	0x06	2	y > 32,767

**LONG APIENTRY GpiOffsetClipRegion**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GOCR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GOCR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GOCR02_XLTM32768	0x03	2	x < -32,768
PERR_GOCR02_XGT32767	0x04	2	x > 32,767
PERR_GOCR02_YLTM32768	0x05	2	y < -32,768
PERR_GOCR02_YGT32767	0x06	2	y > 32,767



## 74 Parameter Error Reference

### **BOOL APIENTRY GpiOffsetElementPointer**(*HPS hps, LONG loffset*)

No parameter errors defined.

### **BOOL APIENTRY GpiOffsetRegion**(*HPS hps, HRGN Hrgn, PPOINTL pptlOffset*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GOR03_NULLPOINTER	0x01	3	NULL Pointer
PERR_GOR03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_GOR03_XLTM32768	0x03	3	x < -32,768
PERR_GOR03_XGT32767	0x04	3	x > 32,767
PERR_GOR03_YLTM32768	0x05	3	y < -32,768
PERR_GOR03_YGT32767	0x06	3	y > 32,767

### **BOOL APIENTRY GpiOpenSegment**(*HPS hps, LONG lSegment*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GOS02_SEGMENTIDLT1	0x01	2	Segment ID < 1

### **LONG APIENTRY GpiOutlinePath**(*HPS hps, LONG lPath, LONG lOptions*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GOP02_INVALIDPATHID	0x01	2	Invalid Path ID
PERR_GOP03_INVALIDOPTIONS	0x02	3	Invalid Options

### **LONG APIENTRY GpiPaintRegion**(*HPS hps, HRGN hrgn*)

No parameter errors defined.

### **LONG APIENTRY GpiPartialArc**(*HPS hps, PPOINTL pptlCenter, FIXED fxMultiplier, FIXED fxStartAngle, FIXED fxSweepAngle*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_GPA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GPA02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GPA02_XLTM32768	0x03	2	x < -32,768

Symbol	Value	Parameter	Problem
PERR_GPA02_XGT32767	0x04	2	x > 32,767
PERR_GPA02_YLTM32768	0x05	2	y < -32,768
PERR_GPA02_YGT32767	0x06	2	y > 32,767

**HRGN APIENTRY GpiPathToRegion**(HPS GpiH, LONG lPath, LONG lOptions)

Symbol	Value	Parameter	Problem
PERR_GPTR02_INVALIDPATHID	0x01	2	Invalid Path ID
PERR_GPTR03_INVALIDOPTIONS	0x02	3	Invalid Options

**LONG APIENTRY GpiPlayMetaFile**(HPS hps, HMF hmf, LONG lCount1, PLONG alOptarray, PLONG plSegCount, LONG lCount2, PSZ pszDesc)

Symbol	Value	Parameter	Problem
PERR_GPMF03_ELEMENTCOUNTLT0	0x01	3	Element Count < 0
PERR_GPMF04_NULLPOINTER	0x02	4	NULL Pointer
PERR_GPMF04_INVALIDPOINTER	0x03	4	Invalid Pointer
PERR_GPMF05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GPMF05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GPMF06_DESCRIPTIONSIZELT1	0x06	6	Description Size < 1
PERR_GPMF07_NULLPOINTER	0x07	7	NULL Pointer
PERR_GPMF07_INVALIDPOINTER	0x08	7	Invalid Pointer

**LONG APIENTRY GpiPointArc**(HPS hps, PPOINTL pptl2)

Symbol	Value	Parameter	Problem
PERR_GPA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GPA02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GPA02_XLTM32768	0x03	2	x < -32,768
PERR_GPA02_XGT32767	0x04	2	x > 32,767
PERR_GPA02_YLTM32768	0x05	2	y < -32,768
PERR_GPA02_YGT32767	0x06	2	y > 32,767

## 76 Parameter Error Reference

### LONG APIENTRY GpiPolyFillet(*HPS hps, LONG lCount, PPOINTL aptlPoints*)

Symbol	Value	Parameter	Problem
PERR_GPF02_COUNTLT0	0x01	2	Count < 0
PERR_GPF03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPF03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPF03_XLTM32768	0x04	3	x < -32,768
PERR_GPF03_XGT32767	0x05	3	x > 32,767
PERR_GPF03_YLTM32768	0x06	3	y < -32,768
PERR_GPF03_YGT32767	0x07	3	y > 32,767

### LONG APIENTRY GpiPolyFilletSharp(*HPS hps, LONG lCount, PPOINTL aptlPoints, PFIXED afxPoints*)

Symbol	Value	Parameter	Problem
PERR_GPFS02_COUNTLT0	0x01	2	Count < 0
PERR_GPFS03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPFS03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPFS03_XLTM32768	0x04	3	x < -32,768
PERR_GPFS03_XGT32767	0x05	3	x > 32,767
PERR_GPFS03_YLTM32768	0x06	3	y < -32,768
PERR_GPFS03_YGT32767	0x07	3	y > 32,767
PERR_GPFS04_NULLPOINTER	0x08	4	NULL Pointer
PERR_GPFS04_INVALIDPOINTER	0x09	4	Invalid Pointer

### LONG APIENTRY GpiPolyLine(*HPS hps, LONG lCount, PPOINTL aptlPoints*)

Symbol	Value	Parameter	Problem
PERR_GPL02_COUNTLT0	0x01	2	Count < 0
PERR_GPL03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPL03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPL03_XLTM32768	0x04	3	x < -32,768
PERR_GPL03_XGT32767	0x05	3	x > 32,767
PERR_GPL03_YLTM32768	0x06	3	y < -32,768
PERR_GPL03_YGT32767	0x07	3	y > 32,767





**LONG APIENTRY GpiPolyLineDisjoint**(HPS hps, LONG lCount, PPOINTL aptlPoints)

Symbol	Value	Parameter	Problem
PERR_GPLD02_COUNTLT0	0x01	2	Count < 0
PERR_GPLD03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPLD03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPLD03_XLTM32768	0x04	3	x < -32,768
PERR_GPLD03_XGT32767	0x05	3	x > 32,767
PERR_GPLD03_YLTM32768	0x06	3	y < -32,768
PERR_GPLD03_YGT32767	0x07	3	y > 32,767

**LONG APIENTRY GpiPolyMarker**(HPS hps, LONG lCount, PPOINTL aptlPoints)

Symbol	Value	Parameter	Problem
PERR_GPM02_COUNTLT0	0x01	2	Count < 0
PERR_GPM03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPM03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPM03_XLTM32768	0x04	3	x < -32,768
PERR_GPM03_XGT32767	0x05	3	x > 32,767
PERR_GPM03_YLTM32768	0x06	3	y < -32,768
PERR_GPM03_YGT32767	0x07	3	y > 32,767

**LONG APIENTRY GpiPolySpline**(HPS hps, LONG lCount, PPOINTL aptlPoints)

Symbol	Value	Parameter	Problem
PERR_GPS02_COUNTLT0	0x01	2	Count < 0
PERR_GPS03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPS03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPS03_XLTM32768	0x04	3	x < -32,768
PERR_GPS03_XGT32767	0x05	3	x > 32,767
PERR_GPS03_YLTM32768	0x06	3	y < -32,768
PERR_GPS03_YGT32767	0x07	3	y > 32,767

## 78 Parameter Error Reference

**LONG APIENTRY GpiPolygons**(*HPS hps, ULONG ulCount, PPOLYGON paplgn, ULONG flOptions, ULONG flModel*)

Symbol	Value	Parameter	Problem
PERR_GP03_NULLPOINTER	0x01	3	NULL Pointer
PERR_GP03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_GP04_INVALIDOPTIONFLAGS	0x03	4	Invalid Option Flags
PERR_GP05_INVALIDDRAWINGMODEL	0x04	5	Invalid Drawing Model

**BOOL APIENTRY GpiPop**(*HPS hps, LONG lCount*)

Symbol	Value	Parameter	Problem
PERR_GP02_COUNTLT0	0x01	2	Count < 0

**LONG APIENTRY GpiPtInRegion**(*HPS hps, HRGN hrgn, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GPIR03_NULLPOINTER	0x01	3	NULL Pointer
PERR_GPIR03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_GPIR03_XLTM32768	0x03	3	x < -32,768
PERR_GPIR03_XGT32767	0x04	3	x > 32,767
PERR_GPIR03_YLTM32768	0x05	3	y < -32,768
PERR_GPIR03_YGT32767	0x06	3	y > 32,767

**LONG APIENTRY GpiPtVisible**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GPV02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GPV02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GPV02_XLTM32768	0x03	2	x < -32,768
PERR_GPV02_XGT32767	0x04	2	x > 32,767
PERR_GPV02_YLTM32768	0x05	2	y < -32,768
PERR_GPV02_YGT32767	0x06	2	y > 32,767

**LONG APIENTRY GpiPutData**(HPS hps, LONG lFormat, PLONG plCount, PBYTE pbData)

Symbol	Value	Parameter	Problem
PERR_GPD02_INVALIDFORMAT	0x01	2	Invalid Format
PERR_GPD03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GPD03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GPD03_DATACOUNTLT0	0x04	3	Data Count < 0
PERR_GPD03_DATACOUNTGT63KB	0x05	3	Data Count > 63 KB
PERR_GPD04_NULLPOINTER	0x06	4	NULL Pointer
PERR_GPD04_INVALIDPOINTER	0x07	4	Invalid Pointer

**BOOL APIENTRY GpiQueryArcParams**(HPS hps, PARCPARAMS parcpArcParams)

Symbol	Value	Parameter	Problem
PERR_GQAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQAP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiQueryAttrMode**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryAttrs**(HPS hps, LONG lPrimType, ULONG flAttrMask, PBUNDLE ppbunAttrs)

Symbol	Value	Parameter	Problem
PERR_GQA02_INVALIDTYPE	0x01	2	Invalid Type
PERR_GQA04_NULLPOINTER	0x02	4	NULL Pointer
PERR_GQA04_INVALIDPOINTER	0x03	4	Invalid Pointer

**LONG APIENTRY GpiQueryBackColor**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryBackMix**(HPS hps)

No parameter errors defined.

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**LONG APIENTRY GpiQueryBitmapBits**(*HPS hps, LONG lScanStart, LONG lScans, PBYTE pbBuffer, PBITMAPINFO2 pbmiInfoTable*)

Symbol	Value	Parameter	Problem
PERR_GQBB02_SCANLINELT0	0x01	2	Scan Line < 0
PERR_GQBB03_SCANLINECOUNTLT0	0x02	3	Scan Line Count < 0
PERR_GQBB04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GQBB04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GQBB05_NULLPOINTER	0x05	5	NULL Pointer
PERR_GQBB05_INVALIDPOINTER	0x06	5	Invalid Pointer

**BOOL APIENTRY GpiQueryBitmapDimension**(*HBITMAP hbm, PSIZEL psizlBitmapDimension*)

Symbol	Value	Parameter	Problem
PERR_GQBD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQBD02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HBITMAP APIENTRY GpiQueryBitmapHandle**(*HPS hps, LONG lLcid*)

Symbol	Value	Parameter	Problem
PERR_GQBH02_LOCALIDLT0	0x01	2	Local ID < 0
PERR_GQBH02_LOCALIDGT254	0x02	2	Local ID > 254

**BOOL APIENTRY GpiQueryBitmapInfoHeader**(*HBITMAP hbm, PBITMAPINFOHEADER2 pbmpData*)

Symbol	Value	Parameter	Problem
PERR_GQBIH02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQBIH02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryBitmapParameters**(*HBITMAP hbm, PBITMAPINFOHEADER pbmpData*)

Symbol	Value	Parameter	Problem
PERR_GQBP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQBP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryBoundaryData**(*HPS hps, PRECTL prclBoundary*)

No parameter errors defined.

**BOOL APIENTRY GpiQueryCharAngle**(*HPS hps, PGRADIENL pgradlAngle*)

Symbol	Value	Parameter	Problem
PERR_GQCA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCA02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryCharBox**(*HPS hps, PSIZEF psizfxSize*)

Symbol	Value	Parameter	Problem
PERR_GQCB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCB02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryCharBreakExtra**(*HPS hps, PFIXED BreakExtra*)

Symbol	Value	Parameter	Problem
PERR_GQCBE02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCBE02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiQueryCharDirection**(*HPS hps*)

No parameter errors defined.

**BOOL APIENTRY GpiQueryCharExtra**(*HPS hps, PFIXED Extra*)

Symbol	Value	Parameter	Problem
PERR_GQCE02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCE02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiQueryCharMode**(*HPS hps*)

No parameter errors defined.



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### LONG APIENTRY GpiQueryCharSet(*HPS hps*)

No parameter errors defined.

### BOOL APIENTRY GpiQueryCharShear(*HPS hps, PPOINTL pptlShear*)

Symbol	Value	Parameter	Problem
PERR_GQCS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCS02_INVALIDPOINTER	0x02	2	Invalid Pointer

### BOOL APIENTRY GpiQueryCharStringPos(*HPS hps, ULONG flOptions, LONG lCount, PCH pchString, PLONG alXincrements, PPOINTL aptlPositions*)

Symbol	Value	Parameter	Problem
PERR_GQCSP02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GQCSP03_STRINGLENGTHLTO	0x02	3	String Length < 0
PERR_GQCSP03_STRINGLENGTHGT512	0x03	3	String Length > 512
PERR_GQCSP04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GQCSP04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_GQCSP05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GQCSP05_INVALIDPOINTER	0x07	5	Invalid Pointer
PERR_GQCSP06_NULLPOINTER	0x08	6	NULL Pointer
PERR_GQCSP06_INVALIDPOINTER	0x09	6	Invalid Pointer

### BOOL APIENTRY GpiQueryCharStringPosAt(*HPS hps, PPOINTL pptlStart, ULONG flOptions, LONG lCount, PCH pchString, PLONG alXincrements, PPOINTL aptlPositions*)

Symbol	Value	Parameter	Problem
PERR_GQCSPA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCSPA02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GQCSPA02_XLTM32768	0x03	2	x < -32,768
PERR_GQCSPA02_XGT32767	0x04	2	x > 32,767
PERR_GQCSPA02_YLTM32768	0x05	2	y < -32,768
PERR_GQCSPA02_YGT32767	0x06	2	y > 32,767
PERR_GQCSPA03_INVALIDOPTION	0x07	3	Invalid Option
PERR_GQCSPA04_STRINGLENGTHLTO	0x08	4	String Length < 0

Symbol	Value	Parameter	Problem
PERR_GQCSPA04_STRINGLENGTHGT512	0x09	4	String Length > 512
PERR_GQCSPA05_NULLPOINTER	0x0a	5	NULL Pointer
PERR_GQCSPA05_INVALIDPOINTER	0x0b	5	Invalid Pointer
PERR_GQCSPA06_NULLPOINTER	0x0c	6	NULL Pointer
PERR_GQCSPA06_INVALIDPOINTER	0x0d	6	Invalid Pointer
PERR_GQCSPA07_NULLPOINTER	0x0e	7	NULL Pointer
PERR_GQCSPA07_INVALIDPOINTER	0x0f	7	Invalid Pointer

**LONG APIENTRY GpiQueryClipBox**(HPS hps, PRECTL prclBound)

Symbol	Value	Parameter	Problem
PERR_GQCB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCB02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HRGN APIENTRY GpiQueryClipRegion**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryColor**(HPS hps)

No parameter errors defined.

**BOOL APIENTRY GpiQueryColorData**(HPS hps, LONG lCount, PLONG alArray)

Symbol	Value	Parameter	Problem
PERR_GQCD02_ELEMENTCOUNTLT0	0x01	2	Element Count < 0
PERR_GQCD03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GQCD03_INVALIDPOINTER	0x03	3	Invalid Pointer

**LONG APIENTRY GpiQueryColorIndex**(HPS hps, ULONG flOptions, LONG lRgbColor)

Symbol	Value	Parameter	Problem
PERR_GQCI02_INVALIDOPTION	0x01	2	Invalid Option

## 84 Parameter Error Reference

### ULONG APIENTRY GpiQueryCp(*HPS hps*)

No parameter errors defined.

### BOOL APIENTRY GpiQueryCurrentPosition(*HPS hps*, *PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GQCP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQCP02_INVALIDPOINTER	0x02	2	Invalid Pointer

### BOOL APIENTRY GpiQueryDefArcParams(*HPS hps*, *PARCPARAMS parcpArcParams*)

Symbol	Value	Parameter	Problem
PERR_GQDAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQDAP02_INVALIDPOINTER	0x02	2	Invalid Pointer

### BOOL APIENTRY GpiQueryDefAttrs(*HPS hps*, *LONG lPrimType*, *ULONG flAttrMask*, *PBUNDLE ppbunAttrs*)

Symbol	Value	Parameter	Problem
PERR_GQDA02_INVALIDPRIMITIVETYPE	0x01	2	Invalid Primitive Type
PERR_GQDA03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GQDA03_INVALIDPOINTER	0x03	3	Invalid Pointer

### BOOL APIENTRY GpiQueryDefCharBox(*HPS hps*, *PSIZEL pszlSize*)

Symbol	Value	Parameter	Problem
PERR_GQDCB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQDCB02_INVALIDPOINTER	0x02	2	Invalid Pointer

### BOOL APIENTRY GpiQueryDefTag(*HPS hps*, *PLONG plTag*)

Symbol	Value	Parameter	Problem
PERR_GQDT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQDT02_INVALIDPOINTER	0x02	2	Invalid Pointer



**BOOL APIENTRY GpiQueryDefViewingLimits**(HPS hps, PRECTL prclLimits)

Symbol	Value	Parameter	Problem
PERR_GQDVL02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQDVL02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryDefaultViewMatrix**(HPS hps, LONG lCount, PMATRIXLF pmatlfArray)

Symbol	Value	Parameter	Problem
PERR_GQDVM02_ELEMENTCOUNTLT0	0x01	2	Element Count < 0
PERR_GQDVM02_ELEMENTCOUNTGT9	0x02	2	Element Count > 9
PERR_GQDVM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQDVM03_INVALIDPOINTER	0x04	3	Invalid Pointer

**HDC APIENTRY GpiQueryDevice**(HPS hps)

No parameter errors defined.

**BOOL APIENTRY GpiQueryDeviceBitmapFormats**(HPS hps, LONG lCount, PLONG alArray)

Symbol	Value	Parameter	Problem
PERR_GQDBF02_ELEMENTSCOUNTLT0	0x01	2	Elements Count < 0
PERR_GQDBF03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GQDBF03_INVALIDPOINTER	0x03	3	Invalid Pointer

**LONG APIENTRY GpiQueryDrawControl**(HPS hps, LONG lControl)

Symbol	Value	Parameter	Problem
PERR_GQDC02_INVALIDDRAWCONTROL	0x01	2	Invalid Draw Control

**LONG APIENTRY GpiQueryDrawingMode**(HPS hps)

No parameter errors defined.

### LONG APIENTRY GpiQueryEditMode(*HPS hps*)

No parameter errors defined.

### LONG APIENTRY GpiQueryElement(*HPS hps, LONG lOff, LONG lMaxLength, PBYTE pbData*)

Symbol	Value	Parameter	Problem
PERR_GQE02_OFFSETLTO	0x01	2	Offset < 0
PERR_GQE03_DATALENGTHLTO	0x02	3	Data Length < 0
PERR_GQE04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GQE04_INVALIDPOINTER	0x04	4	Invalid Pointer

### LONG APIENTRY GpiQueryElementPointer(*HPS hps*)

No parameter errors defined.

### LONG APIENTRY GpiQueryElementType(*HPS hps, PLONG plType, LONG lLength, PSZ pszData*)

Symbol	Value	Parameter	Problem
PERR_GQET02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQET02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GQET03_INVALIDLENGTH	0x03	3	Invalid Length
PERR_GQET04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GQET04_INVALIDPOINTER	0x05	4	Invalid Pointer

### ULONG APIENTRY GpiQueryFaceString(*HPS PS, PSZ FamilyName, PFACENAMEDESC attrs, LONG length, PSZ CompoundFaceName*)

Symbol	Value	Parameter	Problem
PERR_GQFS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQFS02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GQFS03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQFS03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GQFS04_BUFFERLENGTHLTO	0x05	4	Buffer Length < 0
PERR_GQFS05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GQFS05_INVALIDPOINTER	0x07	5	Invalid Pointer

**ULONG APIENTRY GpiQueryFontAction**(*HAB anchor, ULONG options*)

Symbol	Value	Parameter	Problem
PERR_GQFA02_INVALIDOPTION	0x01	2	Invalid Option

**LONG APIENTRY GpiQueryFontFileDescriptions**(*HAB hab, PSZ pszFilename, PLONG plCount, PFFDESCS affdescsNames*)

Symbol	Value	Parameter	Problem
PERR_GQFFD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQFFD02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GQFFD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQFFD03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GQFFD03_COUNTLT0	0x05	3	Count < 0
PERR_GQFFD04_NULLPOINTER	0x06	4	NULL Pointer
PERR_GQFFD04_INVALIDPOINTER	0x07	4	Invalid Pointer

**BOOL APIENTRY GpiQueryFontMetrics**(*HPS hps, LONG lMetricsLength, PFONTMETRICS pfmMetrics*)

Symbol	Value	Parameter	Problem
PERR_GQFM02_LEGNTHTL0	0x01	2	Legnth < 0
PERR_GQFM03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GQFM03_INVALIDPOINTER	0x03	3	Invalid Pointer

**LONG APIENTRY GpiQueryFonts**(*HPS hps, ULONG flOptions, PSZ pszFacename, PLONG plReqFonts, LONG lMetricsLength, PFONTMETRICS afmMetrics*)

Symbol	Value	Parameter	Problem
PERR_GQF02_INVALIDFLAG	0x01	2	Invalid Flag
PERR_GQF03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_GQF04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GQF04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GQF04_COUNTLT0	0x05	4	Count < 0
PERR_GQF05_LENGTHLT0	0x06	5	Length < 0
PERR_GQF06_NULLPOINTER	0x07	6	NULL Pointer
PERR_GQF06_INVALIDPOINTER	0x08	6	Invalid Pointer

Symbol	Value	Parameter	Problem
PERR_GQF07_BUFFERTOOSMALL	0x09	7	Buffer Too Small

**LONG APIENTRY GpiQueryFullFontFileDescs**(*HAB hab, PSZ pszFilename, PLONG plCount, PVOID pNames, PLONG plNamesBuffLength*)

Symbol	Value	Parameter	Problem
PERR_GQFFFD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQFFFD02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GQFFFD02_FILENOTFOUND	0x03	2	File Not Found
PERR_GQFFFD03_NULLPOINTER	0x04	3	NULL Pointer
PERR_GQFFFD03_INVALIDPOINTER	0x05	3	Invalid Pointer
PERR_GQFFFD03_COUNTLT0	0x06	3	Count < 0
PERR_GQFFFD04_INVALIDPOINTER	0x07	4	Invalid Pointer
PERR_GQFFFD04_BUFFERTOOSMALL	0x08	4	Buffer Too Small
PERR_GQFFFD05_NULLPOINTER	0x09	5	NULL Pointer
PERR_GQFFFD05_INVALIDPOINTER	0x0a	5	Invalid Pointer
PERR_GQFFFD05_SIZELT0	0x0b	5	Size < 0

**BOOL APIENTRY GpiQueryGraphicsField**(*HPS hps, PRECTL prclField*)

Symbol	Value	Parameter	Problem
PERR_GQGF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQGF02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiQueryInitialSegmentAttrs**(*HPS hps, LONG lAttribute*)

Symbol	Value	Parameter	Problem
PERR_GQISA02_INVALIDATTRIBUTE	0x01	2	Invalid Attribute

**LONG APIENTRY GpiQueryKerningPairs**(*HPS hps, LONG lCount, PKERNINGPAIRS akrnprData*)

Symbol	Value	Parameter	Problem
PERR_GQKP02_COUNTLT0	0x01	2	Count < 0



Symbol	Value	Parameter	Problem
PERR_GQKP03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GQKP03_INVALIDPOINTER	0x03	3	Invalid Pointer

**LONG APIENTRY GpiQueryLineEnd**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryLineJoin**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryLineType**(HPS hps)

No parameter errors defined.

**FIXED APIENTRY GpiQueryLineWidth**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryLineWidthGeom**(HPS hps)

No parameter errors defined.

**LONG APIENTRY GpiQueryLogColorTable**(HPS hps, ULONG flOptions, LONG lStart, LONG lCount, PLONG alArray)

Symbol	Value	Parameter	Problem
PERR_GQLCT02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GQLCT03_INDEXLT0	0x02	3	Index < 0
PERR_GQLCT04_COUNTLT0	0x03	4	Count < 0
PERR_GQLCT05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GQLCT05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GQLCT05_BUFFERTOOSMALL	0x06	5	Buffer Too Small

**BOOL APIENTRY GpiQueryLogicalFont**(HPS PS, LONG lcid, PSTR8 name, PFATTRS attrs, LONG length)

Symbol	Value	Parameter	Problem
PERR_GQLF02_LOCALIDLT0	0x01	2	Local ID < 0
PERR_GQLF02_LOCALIDGT254	0x02	2	Local ID > 254

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Symbol	Value	Parameter	Problem
PERR_GQLF03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQLF03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GQLF04_NULLPOINTER	0x05	4	NULL Pointer
PERR_GQLF04_INVALIDPOINTER	0x06	4	Invalid Pointer
PERR_GQLF05_BUFFERLENGTHLTO	0x07	5	Buffer Length < 0

### LONG APIENTRY GpiQueryMarker(*HPS hps*)

No parameter errors defined.

### BOOL APIENTRY GpiQueryMarkerBox(*HPS hps, PSIZEF pszfxSize*)

Symbol	Value	Parameter	Problem
PERR_GQMB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQMB02_INVALIDPOINTER	0x02	2	Invalid Pointer

### LONG APIENTRY GpiQueryMarkerSet(*HPS hps*)

No parameter errors defined.

### BOOL APIENTRY GpiQueryMetaFileBits(*HMF hmf, LONG lOffset, LONG lLength, PBYTE pbData*)

Symbol	Value	Parameter	Problem
PERR_GQMFB02_OFFSETLTO	0x01	2	Offset < 0
PERR_GQMFB03_LENGTHLTO	0x02	3	Length < 0
PERR_GQMFB04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GQMFB04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GQMFB04_BUFFERTOOSMALL	0x05	4	Buffer Too Small

### LONG APIENTRY GpiQueryMetaFileLength(*HMF hmf*)

No parameter errors defined.

### LONG APIENTRY GpiQueryMix(*HPS hps*)

No parameter errors defined.

**BOOL APIENTRY GpiQueryModelTransformMatrix**(HPS hps, LONG lCount, PMATRIXLF pmatlfArray)

Symbol	Value	Parameter	Problem
PERR_GQMTM02_COUNTLT0	0x01	2	Count < 0
PERR_GQMTM02_COUNTGT9	0x02	2	Count > 9
PERR_GQMTM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQMTM03_INVALIDPOINTER	0x04	3	Invalid Pointer

**LONG APIENTRY GpiQueryNearestColor**(HPS hps, ULONG flOptions, LONG lRgbIn)

Symbol	Value	Parameter	Problem
PERR_GQNC02_INVALIDOPTION	0x01	2	Invalid Option

**LONG APIENTRY GpiQueryNumberSetIds**(HPS hps)

No parameter errors defined.

**ULONG APIENTRY GpiQueryPS**(HPS hps, PSIZEL pszlSize)

Symbol	Value	Parameter	Problem
PERR_GQPS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQPS02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryPageViewport**(HPS hps, PRECTL prclViewport)

Symbol	Value	Parameter	Problem
PERR_GQPV02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQPV02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HPAL APIENTRY GpiQueryPalette**(HPS hps)

No parameter errors defined.

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**LONG APIENTRY GpiQueryPaletteInfo**(*HPAL hpal, HPS hps, ULONG flOptions, ULONG ulStart, ULONG ulCount, PULONG aulArray*)

Symbol	Value	Parameter	Problem
PERR_GQPI02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GQPI06_NULLPOINTER	0x02	6	NULL Pointer
PERR_GQPI06_INVALIDPOINTER	0x03	6	Invalid Pointer

**LONG APIENTRY GpiQueryPattern**(*HPS hps*)

No parameter errors defined.

**BOOL APIENTRY GpiQueryPatternRefPoint**(*HPS hps, PPOINTL pptlRefPoint*)

Symbol	Value	Parameter	Problem
PERR_GQPRP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQPRP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiQueryPatternSet**(*HPS hps*)

No parameter errors defined.

**LONG APIENTRY GpiQueryPel**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GQP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryPickAperturePosition**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GQPAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQPAP02_INVALIDPOINTER	0x02	2	Invalid Pointer



**BOOL APIENTRY GpiQueryPickApertureSize**(*HPS hps, PSIZEL pszISize*)

Symbol	Value	Parameter	Problem
PERR_GQPAS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQPAS02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiQueryRGBColor**(*HPS hps, ULONG flOptions, LONG lColorIndex*)

Symbol	Value	Parameter	Problem
PERR_GQRGBC02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GQRGBC03_INVALIDCOLOUR	0x02	3	Invalid Colour

**LONG APIENTRY GpiQueryRealColors**(*HPS hps, ULONG flOptions, LONG lStart, LONG lCount, PLONG alColors*)

Symbol	Value	Parameter	Problem
PERR_GQRC02_INVALIDOPTIONFLAG	0x01	2	Invalid Option Flag
PERR_GQRC03_ORDINALNUMBERLT0	0x02	3	Ordinal Number < 0
PERR_GQRC04_ELEMENTCOUNTLT0	0x03	4	Element Count < 0
PERR_GQRC05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GQRC05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GQRC05_BUFFERTOOSMALL	0x06	5	Buffer Too Small

**LONG APIENTRY GpiQueryRegionBox**(*HPS hps, HRGN hrgn, PRECTL prclBound*)

Symbol	Value	Parameter	Problem
PERR_GQRB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQRB02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryRegionRects**(*HPS hps, HRGN hrgn, PRECTL prclBound, PRGNRECT prgnrcControl, PRECTL prclRect*)

Symbol	Value	Parameter	Problem
PERR_GQRR02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_GQRR03_INVALIDPOINTER	0x02	3	Invalid Pointer

Symbol	Value	Parameter	Problem
PERR_GQRR03_XLEFTLTM32768	0x03	3	xLeft < -32,768
PERR_GQRR03_XLEFTGT32767	0x04	3	xLeft > 32,767
PERR_GQRR03_XRIGHTLTM32768	0x05	3	xRight < -32,768
PERR_GQRR03_XRIGHTGT32767	0x06	3	xRight > 32,767
PERR_GQRR03_YBOTTOMLTM32768	0x07	3	yBottom < -32,768
PERR_GQRR03_YBOTTOMGT32767	0x08	3	yBottom > 32,767
PERR_GQRR03_YTOPLTM32768	0x09	3	yTop < -32,768
PERR_GQRR03_YTOPGT32767	0x0a	3	yTop > 32,767
PERR_GQRR03_XRIGHTLTLEFT	0x0b	3	xRight < xLeft
PERR_GQRR03_YTOPLTYBOTTOM	0x0c	3	yTop < yBottom
PERR_GQRR04_NULLPOINTER	0x0d	4	NULL Pointer
PERR_GQRR04_INVALIDPOINTER	0x0e	4	Invalid Pointer

**LONG APIENTRY GpiQuerySegmentAttrs**(HPS hps, LONG lSegid, LONG lAttribute)

Symbol	Value	Parameter	Problem
PERR_GQSA02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GQSA03_INVALIDATTRIBUTE	0x02	3	Invalid Attribute

**LONG APIENTRY GpiQuerySegmentNames**(HPS hps, LONG lFirstSegid, LONG lLastSegid, LONG lMax, PLONG alSegids)

Symbol	Value	Parameter	Problem
PERR_GQSN02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GQSN03_SEGMENTIDLT1	0x02	3	Segment ID < 1
PERR_GQSN04_ARRAYSIZELT0	0x03	4	Array Size < 0
PERR_GQSN05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GQSN05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GQSN05_BUFFERTOOSMALL	0x06	5	Buffer Too Small

**LONG APIENTRY GpiQuerySegmentPriority**(HPS hps, LONG lRefSegid, LONG lOrder)

Symbol	Value	Parameter	Problem
PERR_GQSP02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GQSP03_INVALIDORDER	0x02	3	Invalid Order



**BOOL APIENTRY GpiQuerySegmentTransformMatrix**(*HPS hps, LONG lSegid, LONG lCount, PMATRIXLF pmatlfArray*)

Symbol	Value	Parameter	Problem
PERR_GQSTM02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GQSTM03_COUNTLT0	0x02	3	Count < 0
PERR_GQSTM03_COUNTGT9	0x03	3	Count > 9
PERR_GQSTM02_NULLPOINTER	0x04	2	NULL Pointer
PERR_GQSTM02_INVALIDPOINTER	0x05	2	Invalid Pointer

**BOOL APIENTRY GpiQuerySetIds**(*HPS hps, LONG lCount, PLONG alTypes, PSTR8 aNames, PLONG allcids*)

Symbol	Value	Parameter	Problem
PERR_GQSI02_QUERYCOUNTLT0	0x01	2	Query Count < 0
PERR_GQSI03_NULLPOINTER	0x02	3	NULL Pointer
PERR_GQSI03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_GQSI03_BUFFERTOSMALL	0x04	3	Buffer to Small
PERR_GQSI04_NULLPOINTER	0x05	4	NULL Pointer
PERR_GQSI04_INVALIDPOINTER	0x06	4	Invalid Pointer
PERR_GQSI04_BUFFERTOSMALL	0x07	4	Buffer to Small
PERR_GQSI05_NULLPOINTER	0x08	5	NULL Pointer
PERR_GQSI05_INVALIDPOINTER	0x09	5	Invalid Pointer
PERR_GQSI05_BUFFERTOSMALL	0x0a	5	Buffer to Small

**LONG APIENTRY GpiQueryStopDraw**(*HPS hps*)

No parameter errors defined.

**BOOL APIENTRY GpiQueryTag**(*HPS hps, PLONG plTag*)

Symbol	Value	Parameter	Problem
PERR_GQT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQT02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryTextAlignment**(*HPS hps, PLONG plHoriz, PLONG plVert*)

Symbol	Value	Parameter	Problem
PERR_GQTA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQTA02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GQTA03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQTA03_INVALIDPOINTER	0x04	3	Invalid Pointer

**BOOL APIENTRY GpiQueryTextBox**(*HPS hps, LONG lCount1, PCH pchString, LONG lCount2, PPOINTL aptlPoints*)

Symbol	Value	Parameter	Problem
PERR_GQTB02_CHARACTERCOUNTLT0	0x01	2	Character Count < 0
PERR_GQTB02_CHARACTERCOUNTGT512	0x02	2	Character Count > 512
PERR_GQTB03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQTB03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GQTB04_POINTCOUNTLT0	0x05	4	Point Count < 0
PERR_GQTB05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GQTB05_INVALIDPOINTER	0x07	5	Invalid Pointer
PERR_GQTB05_BUFFERTOOSMALL	0x08	5	Buffer Too Small

**BOOL APIENTRY GpiQueryViewingLimits**(*HPS hps, PRECTL prclLimits*)

Symbol	Value	Parameter	Problem
PERR_GQVL02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GQVL02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiQueryViewingTransformMatrix**(*HPS hps, LONG lCount, PMATRIXLF pmatlfArray*)

Symbol	Value	Parameter	Problem
PERR_GQVTM02_ELEMENTCOUNTLT0	0x01	2	Element Count < 0
PERR_GQVTM02_ELEMENTCOUNTGT9	0x02	2	Element Count > 9
PERR_GQVTM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GQVTM03_INVALIDPOINTER	0x04	3	Invalid Pointer



**BOOL APIENTRY GpiQueryWidthTable**(HPS hps, LONG lFirstChar, LONG lCount, PLONG alData)

Symbol	Value	Parameter	Problem
PERR_GQWT02_FIRSTCHARACTERLT0	0x01	2	First Character < 0
PERR_GQWT03_ELEMENTCOUNTLT0	0x02	3	Element Count < 0
PERR_GQWT04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GQWT04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GQWT05_BUFFERTOOSMALL	0x05	5	Buffer Too Small

**LONG APIENTRY GpiRectInRegion**(HPS hps, HRGN hrgn, PRECTL prclRect)

Symbol	Value	Parameter	Problem
PERR_GRIR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GRIR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GRIR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GRIR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GRIR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GRIR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GRIR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GRIR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GRIR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GRIR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GRIR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_GRIR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**LONG APIENTRY GpiRectVisible**(HPS hps, PRECTL prclRectangle)

Symbol	Value	Parameter	Problem
PERR_GRV02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GRV02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GRV02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GRV02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GRV02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GRV02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GRV02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GRV02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GRV02_YTOPLTM32768	0x09	2	yTop < -32,768

Symbol	Value	Parameter	Problem
PERR_GRV02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GRV02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_GRV02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY GpiRemoveDynamics**(HPS hps, LONG lFirstSegid, LONG lLastSegid)

Symbol	Value	Parameter	Problem
PERR_GRD02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GRD03_SEGMENTIDLT1	0x02	3	Segment ID < 1

**BOOL APIENTRY GpiResetBoundaryData**(HPS hps)

No parameter errors defined.

**BOOL APIENTRY GpiResetPS**(HPS hps, ULONG flOptions)

Symbol	Value	Parameter	Problem
PERR_GRPS02_INVALIDOPTION	0x01	2	Invalid Option

**BOOL APIENTRY GpiRestorePS**(HPS hps, LONG lPSid)

No parameter errors defined.

**BOOL APIENTRY GpiRotate**(HPS hps, PMATRIXLF pmatlfArray, LONG lOptions, FIXED fxAngle, PPOINTL pptlCenter)

Symbol	Value	Parameter	Problem
PERR_GR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GR03_INVALIDOPTION	0x03	3	Invalid Option
PERR_GR05_NULLPOINTER	0x04	5	NULL Pointer
PERR_GR05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_GR05_XLTM32768	0x06	5	x < -32,768
PERR_GR05_XGT32767	0x07	5	x > 32,767
PERR_GR05_YLTM32768	0x08	5	y < -32,768
PERR_GR05_YGT32767	0x09	5	y > 32,767



**BOOL APIENTRY GpiSaveMetaFile**(*HMF hmf, PSZ pszFilename*)

Symbol	Value	Parameter	Problem
PERR_GSMF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSMF02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiSavePS**(*HPS hps*)

No parameter errors defined.

**BOOL APIENTRY GpiScale**(*HPS hps, PMATRIXLF pmatlfArray, LONG lOptions, PFIXED afxScale, PPOINTL pptlCenter*)

Symbol	Value	Parameter	Problem
PERR_GS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GS02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GS03_INVALIDOPTIONS	0x03	3	Invalid Options
PERR_GS04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GS04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_GS05_NULLPOINTER	0x06	5	NULL Pointer
PERR_GS05_INVALIDPOINTER	0x07	5	Invalid Pointer
PERR_GS05_XLTM32768	0x08	5	x < -32,768
PERR_GS05_XGT32767	0x09	5	x > 32,767
PERR_GS05_YLTM32768	0x0a	5	y < -32,768
PERR_GS05_YGT32767	0x0b	5	y > 32,767

**HPAL APIENTRY GpiSelectPalette**(*HPS hps, HPAL hpal*)

No parameter errors defined.

**BOOL APIENTRY GpiSetArcParams**(*HPS hps, PARCPARAMS parcpArcParams*)

Symbol	Value	Parameter	Problem
PERR_GSAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSAP02_INVALIDPOINTER	0x02	2	Invalid Pointer

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### **BOOL APIENTRY GpiSetAttrMode**(*HPS hps, LONG lMode*)

Symbol	Value	Parameter	Problem
PERR_GSAM02_INVALIDATTRIBUTEMODE	0x01	2	Invalid Attribute Mode

### **BOOL APIENTRY GpiSetAttrs**(*HPS hps, LONG lPrimType, ULONG flAttrMask, ULONG flDefMask, PBUNDLE ppbunAttrs*)

Symbol	Value	Parameter	Problem
PERR_GSA02_INVALIDPRIMITIVETYPE	0x01	2	Invalid Primitive Type
PERR_GSA03_INVALIDATTRIBUTEMASKMLINE	0x02	3	Invalid Attribute Mask - Line
PERR_GSA03_INVALIDATTRIBUTEMASKMCHARACTER	0x03	3	Invalid Attribute Mask - Character
PERR_GSA03_INVALIDATTRIBUTEMASKMMARKER	0x04	3	Invalid Attribute Mask - Marker
PERR_GSA03_INVALIDATTRIBUTEMASKMPATTERN	0x05	3	Invalid Attribute Mask - Pattern
PERR_GSA03_INVALIDATTRIBUTEMASKMIMAGE	0x06	3	Invalid Attribute Mask - Image
PERR_GSA04_INVALIDDEFAULTSMASKMLINE	0x07	4	Invalid Defaults Mask - Line
PERR_GSA04_INVALIDDEFAULTSMASKMCHARACTER	0x08	4	Invalid Defaults Mask - Character
PERR_GSA04_INVALIDDEFAULTSMASKMMARKER	0x09	4	Invalid Defaults Mask - Marker
PERR_GSA04_INVALIDDEFAULTSMASKMPATTERN	0x0a	4	Invalid Defaults Mask - Pattern
PERR_GSA04_INVALIDDEFAULTSMASKMIMAGE	0x0b	4	Invalid Defaults Mask - Image
PERR_GSA05_NULLPOINTER	0x0c	5	NULL Pointer
PERR_GSA05_INVALIDPOINTER	0x0d	5	Invalid Pointer

### **BOOL APIENTRY GpiSetBackColor**(*HPS hps, LONG lColor*)

No parameter errors defined.

### **BOOL APIENTRY GpiSetBackMix**(*HPS hps, LONG lMixMode*)

No parameter errors defined.

### **HBITMAP APIENTRY GpiSetBitmap**(*HPS hps, HBITMAP hbm*)

No parameter errors defined.



**LONG APIENTRY GpiSetBitmapBits**(*HPS hps, LONG lScanStart, LONG lScans, PBYTE pbBuffer, PBITMAPINFO2 pbmiInfoTable*)

Symbol	Value	Parameter	Problem
PERR_GSBB02_SCANLINENUMBERLT0	0x01	2	Scan Line Number < 0
PERR_GSBB03_SCANLINESLT0	0x02	3	Scan Lines < 0
PERR_GSBB04_NULLPOINTER	0x03	4	NULL Pointer
PERR_GSBB04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_GSBB05_NULLPOINTER	0x05	5	NULL Pointer
PERR_GSBB05_INVALIDPOINTER	0x06	5	Invalid Pointer

**BOOL APIENTRY GpiSetBitmapDimension**(*HBITMAP hbm, PSIZEL psizlBitmapDimension*)

Symbol	Value	Parameter	Problem
PERR_GSBD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSBD02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiSetBitmapId**(*HPS hps, HBITMAP hbm, LONG lLcid*)

Symbol	Value	Parameter	Problem
PERR_GSBI03_LOCALIDLT0	0x01	3	Local ID < 0
PERR_GSBI03_LOCALIDGT254	0x02	3	Local ID > 254

**BOOL APIENTRY GpiSetCharAngle**(*HPS hps, PGRADIENTL pgradlAngle*)

Symbol	Value	Parameter	Problem
PERR_GSCA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSCA02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiSetCharBox**(*HPS hps, PSIZEF psizfxBox*)

Symbol	Value	Parameter	Problem
PERR_GSCB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSCB02_INVALIDPOINTER	0x02	2	Invalid Pointer

## 102 Parameter Error Reference

### **BOOL APIENTRY GpiSetCharBreakExtra**(HPS hps, FIXED BreakExtra)

No parameter errors defined.

### **BOOL APIENTRY GpiSetCharDirection**(HPS hps, LONG lDirection)

No parameter errors defined.

### **BOOL APIENTRY GpiSetCharExtra**(HPS hps, FIXED Extra)

No parameter errors defined.

### **BOOL APIENTRY GpiSetCharMode**(HPS hps, LONG lMode)

Symbol	Value	Parameter	Problem
PERR_GSCM02_INVALIDMODE	0x01	2	Invalid Mode

### **BOOL APIENTRY GpiSetCharSet**(HPS hps, LONG lIcid)

Symbol	Value	Parameter	Problem
PERR_GSCS02_LOCALIDLTO	0x01	2	Local ID < 0
PERR_GSCS02_LOCALIDGT254	0x02	2	Local ID > 254

### **BOOL APIENTRY GpiSetCharShear**(HPS hps, PPOINTL pptlAngle)

Symbol	Value	Parameter	Problem
PERR_GSCS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSCS02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSCS02_XLTM32768	0x03	2	x < -32,768
PERR_GSCS02_XGT32767	0x04	2	x > 32,767
PERR_GSCS02_YLTM32768	0x05	2	y < -32,768
PERR_GSCS02_YGT32767	0x06	2	y > 32,767

**BOOL APIENTRY GpiSetClipPath**(*HPS hps, LONG lPath, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GSCP02_INVALIDPATHCONTROLFLAG	0x01	2	Invalid Path Control Flag
PERR_GSCP03_INVALIDOPTIONS	0x02	3	Invalid Options

**LONG APIENTRY GpiSetClipRegion**(*HPS hps, HRGN hrgn, PHRGN phrgnOld*)

Symbol	Value	Parameter	Problem
PERR_GSCR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSCR02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiSetColor**(*HPS hps, LONG lColor*)

No parameter errors defined.

**BOOL APIENTRY GpiSetCp**(*HPS hps, ULONG ulCodePage*)

No parameter errors defined.

**BOOL APIENTRY GpiSetCurrentPosition**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GSCP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSCP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSCP02_XLTM32768	0x03	2	x < -32,768
PERR_GSCP02_XGT32767	0x04	2	x > 32,767
PERR_GSCP02_YLTM32768	0x05	2	y < -32,768
PERR_GSCP02_YGT32767	0x06	2	y > 32,767

**BOOL APIENTRY GpiSetDefArcParams**(*HPS hps, PARCPARAMS parcpArcParams*)

Symbol	Value	Parameter	Problem
PERR_GSDAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSDAP02_INVALIDPOINTER	0x02	2	Invalid Pointer

## 104 Parameter Error Reference

**BOOL APIENTRY GpiSetDefAttr**(*HPS hps, LONG lPrimType, ULONG flAttrMask, PBUNDLE ppbunAttrs*)

Symbol	Value	Parameter	Problem
PERR_GSDA02_INVALIDPRIMITIVETYPE	0x01	2	Invalid Primitive Type
PERR_GSDA03_INVALIDATTRIBUTEMASKMLINE	0x02	3	Invalid Attribute Mask - Line
PERR_GSDA03_INVALIDATTRIBUTEMASKMCHARACTER	0x03	3	Invalid Attribute Mask - Character
PERR_GSDA03_INVALIDATTRIBUTEMASKMMARKER	0x04	3	Invalid Attribute Mask - Marker
PERR_GSDA03_INVALIDATTRIBUTEMASKMPATTERN	0x05	3	Invalid Attribute Mask - Pattern
PERR_GSDA03_INVALIDATTRIBUTEMASKMIMAGE	0x06	3	Invalid Attribute Mask - Image
PERR_GSDA04_NULLPOINTER	0x07	4	NULL Pointer
PERR_GSDA04_INVALIDPOINTER	0x08	4	Invalid Pointer

**BOOL APIENTRY GpiSetDefTag**(*HPS hps, LONG lTag*)

No parameter errors defined.

**BOOL APIENTRY GpiSetDefViewingLimits**(*HPS hps, PRECTL prclLimits*)

Symbol	Value	Parameter	Problem
PERR_GSDVL02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSDVL02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSDVL02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GSDVL02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GSDVL02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GSDVL02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GSDVL02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GSDVL02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GSDVL02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GSDVL02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GSDVL02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_GSDVL02_YTOPLTBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY GpiSetDefaultViewMatrix**(*HPS hps, LONG lCount, PMATRIXLF pmatlfarray, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GSDVM02_ELEMENTCOUNTLT0	0x01	2	Element Count < 0
PERR_GSDVM02_ELEMENTCOUNTGT9	0x02	2	Element Count > 9

Symbol	Value	Parameter	Problem
PERR_GSDVM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GSDVM03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GSDVM04_INVALIDOPTION	0x05	4	Invalid Option

**BOOL APIENTRY GpiSetDrawControl**(HPS hps, LONG IControl, LONG IValue)

Symbol	Value	Parameter	Problem
PERR_GSDC02_INVALIDDRAWCONTROL	0x01	2	Invalid Draw Control
PERR_GSDC03_INVALIDDRAWVALUE	0x02	3	Invalid Draw Value

**BOOL APIENTRY GpiSetDrawingMode**(HPS hps, LONG IMode)

Symbol	Value	Parameter	Problem
PERR_GSDM02_INVALIDDRAWINGMODE	0x01	2	Invalid Drawing Mode

**BOOL APIENTRY GpiSetEditMode**(HPS hps, LONG IMode)

Symbol	Value	Parameter	Problem
PERR_GSEM02_INVALIDEDITMODE	0x01	2	Invalid Edit Mode

**BOOL APIENTRY GpiSetElementPointer**(HPS hps, LONG IElement)

No parameter errors defined.

**BOOL APIENTRY GpiSetElementPointerAtLabel**(HPS hps, LONG ILabel)

No parameter errors defined.

**BOOL APIENTRY GpiSetGraphicsField**(HPS hps, PRECTL prclField)

Symbol	Value	Parameter	Problem
PERR_GSGF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSGF02_INVALIDPOINTER	0x02	2	Invalid Pointer

## 106 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_GSGF02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GSGF02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GSGF02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GSGF02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GSGF02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GSGF02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GSGF02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GSGF02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GSGF02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_GSGF02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

### BOOL APIENTRY GpiSetInitialSegmentAttrs(*HPS hps, LONG lAttribute, LONG lValue*)

Symbol	Value	Parameter	Problem
PERR_GSISA02_INVALIDATTRIBUTE	0x01	2	Invalid Attribute
PERR_GSISA03_INVALIDATTRIBUTEVALUE	0x02	3	Invalid Attribute Value

### BOOL APIENTRY GpiSetLineEnd(*HPS hps, LONG lLineEnd*)

No parameter errors defined.

### BOOL APIENTRY GpiSetLineJoin(*HPS hps, LONG lLineJoin*)

No parameter errors defined.

### BOOL APIENTRY GpiSetLineType(*HPS hps, LONG lLineType*)

No parameter errors defined.

### BOOL APIENTRY GpiSetLineWidth(*HPS hps, FIXED fxLineWidth*)

No parameter errors defined.

### BOOL APIENTRY GpiSetLineWidthGeom(*HPS hps, LONG lLineWidth*)

No parameter errors defined.



**BOOL APIENTRY GpiSetMarker**(*HPS hps, LONG lSymbol*)

Symbol	Value	Parameter	Problem
PERR_GSM02_SYMBOLVALUELTO	0x01	2	Symbol Value < 0
PERR_GSM02_SYMBOLVALUEGT255	0x02	2	Symbol Value > 255

**BOOL APIENTRY GpiSetMarkerBox**(*HPS hps, PSIZEF pszfxSize*)

Symbol	Value	Parameter	Problem
PERR_GSMB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSMB02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiSetMarkerSet**(*HPS hps, LONG lSet*)

Symbol	Value	Parameter	Problem
PERR_GSMS02_MARKERSETIDLTO	0x01	2	Marker Set ID < 0
PERR_GSMS02_MARKERSETIDGT254	0x02	2	Marker Set ID > 254

**BOOL APIENTRY GpiSetMetaFileBits**(*HMF hmf, LONG lOffset, LONG lLength, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GSMFB02_OFFSETLTO	0x01	2	Offset < 0
PERR_GSMFB03_BUFFERLENGTHLTO	0x02	3	Buffer Length < 0
PERR_GSMFB04_NULLPOINTER	0x01	4	NULL Pointer
PERR_GSMFB04_INVALIDPOINTER	0x02	4	Invalid Pointer

**BOOL APIENTRY GpiSetMix**(*HPS hps, LONG lMixMode*)

No parameter errors defined.

**BOOL APIENTRY GpiSetModelTransformMatrix**(*HPS hps, LONG lCount, PMATRIXLF pmatlfArray, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GSMTM02_ELEMENTCOUNTLTO	0x01	2	Element Count < 0

## 108 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_GSMTM02_ELEMENTCOUNTGT9	0x02	2	Element Count > 9
PERR_GSMTM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GSMTM03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GSMTM04_INVALIDTRANSFORMOPTIONS	0x05	4	Invalid Transform Options

**BOOL APIENTRY GpiSetPS**(*HPS hps, PSIZEL pszIsize, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_GSPS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSPS02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiSetPageViewport**(*HPS hps, PRECTL prclViewport*)

Symbol	Value	Parameter	Problem
PERR_GSPV02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSPV02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSPV02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GSPV02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GSPV02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GSPV02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GSPV02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GSPV02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GSPV02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GSPV02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GSPV02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_GSPV02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY GpiSetPaletteEntries**(*HPAL hpal, ULONG ulFormat, ULONG ulStart, ULONG ulCount, PULONG aulTable*)

Symbol	Value	Parameter	Problem
PERR_GSPE02_INVALIDFORMAT	0x01	2	Invalid Format
PERR_GSPE05_NULLPOINTER	0x02	5	NULL Pointer
PERR_GSPE05_INVALIDPOINTER	0x03	5	Invalid Pointer





**BOOL APIENTRY GpiSetPattern**(*HPS hps, LONG lPatternSymbol*)

Symbol	Value	Parameter	Problem
PERR_GSP02_PATTERNSETLT0	0x01	2	Pattern Set < 0
PERR_GSP02_PATTERNSETGT254	0x02	2	Pattern Set > 254

**BOOL APIENTRY GpiSetPatternRefPoint**(*HPS hps, PPOINTL pptlRefPoint*)

Symbol	Value	Parameter	Problem
PERR_GSPRP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSPRP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSPRP02_XLTM32768	0x03	2	x < -32,768
PERR_GSPRP02_XGT32767	0x04	2	x > 32,767
PERR_GSPRP02_YLTM32768	0x05	2	y < -32,768
PERR_GSPRP02_YGT32767	0x06	2	y > 32,767

**BOOL APIENTRY GpiSetPatternSet**(*HPS hps, LONG lSet*)

No parameter errors defined.

**LONG APIENTRY GpiSetPel**(*HPS hps, PPOINTL pptlPoint*)

Symbol	Value	Parameter	Problem
PERR_GSP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSP02_XLTM32768	0x03	2	x < -32,768
PERR_GSP02_XGT32767	0x04	2	x > 32,767
PERR_GSP02_YLTM32768	0x05	2	y < -32,768
PERR_GSP02_YGT32767	0x06	2	y > 32,767

**BOOL APIENTRY GpiSetPickAperturePosition**(*HPS hps, PPOINTL pptlPick*)

Symbol	Value	Parameter	Problem
PERR_GSPAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GSPAP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSPAP02_XLTM32768	0x03	2	x < -32,768

## 110 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_GSPAP02_XGT32767	0x04	2	x > 32,767
PERR_GSPAP02_YLTM32768	0x05	2	y < -32,768
PERR_GSPAP02_YGT32767	0x06	2	y > 32,767

### BOOL APIENTRY GpiSetPickApertureSize(*HPS hps, LONG lOptions, PSIZEL pszISize*)

Symbol	Value	Parameter	Problem
PERR_GSPAS02_INVALIDOPTION	0x01	2	Invalid Option
PERR_GSPAS03_NULLPOINTER	0x01	3	NULL Pointer
PERR_GSPAS03_INVALIDPOINTER	0x02	3	Invalid Pointer

### BOOL APIENTRY GpiSetRegion(*HPS hps, HRGN hrgn, LONG lcount, PRECTL arclRectangles*)

Symbol	Value	Parameter	Problem
PERR_GSR03_RECTANGLESCOUNTLT0	0x01	3	Rectangles Count < 0
PERR_GSR04_NULLPOINTER	0x02	4	NULL Pointer
PERR_GSR04_INVALIDPOINTER	0x03	4	Invalid Pointer
PERR_GSR04_XLEFTLTM32768	0x04	4	xLeft < -32,768
PERR_GSR04_XLEFTGT32767	0x05	4	xLeft > 32,767
PERR_GSR04_XRIGHTLTM32768	0x06	4	xRight < -32,768
PERR_GSR04_XRIGHTGT32767	0x07	4	xRight > 32,767
PERR_GSR04_YBOTTOMLTM32768	0x08	4	yBottom < -32,768
PERR_GSR04_YBOTTOMGT32767	0x09	4	yBottom > 32,767
PERR_GSR04_YTOPLTM32768	0x0a	4	yTop < -32,768
PERR_GSR04_YTOPGT32767	0x0b	4	yTop > 32,767
PERR_GSR04_XRIGHTLTXLEFT	0x0c	4	xRight < xLeft
PERR_GSR04_YTOPLTYBOTTOM	0x0d	4	yTop < yBottom

### BOOL APIENTRY GpiSetSegmentAttrs(*HPS hps, LONG lSegid, LONG lAttribute, LONG lValue*)

Symbol	Value	Parameter	Problem
PERR_GSSA02_SEGMENTIDL1	0x01	2	Segment ID < 1
PERR_GSSA03_INVALIDATTRIBUTE	0x02	3	Invalid Attribute
PERR_GSSA04_INVALIDATTRIBUTEVALUE	0x03	4	Invalid Attribute Value



**BOOL APIENTRY GpiSetSegmentPriority**(*HPS hps, LONG lSegid, LONG lRefSegid, LONG lOrder*)

Symbol	Value	Parameter	Problem
PERR_GSSP02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GSSP03_SEGMENTIDLT1	0x02	3	Segment ID < 1
PERR_GSSP04_INVALIDORDER	0x02	4	Invalid Order

**BOOL APIENTRY GpiSetSegmentTransformMatrix**(*HPS hps, LONG lSegid, LONG lCount, PMATRIXLF pmatlfarray, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GSSTM02_SEGMENTIDLT1	0x01	2	Segment ID < 1
PERR_GSSTM03_ELEMENTCOUNTLT0	0x02	3	Element Count < 0
PERR_GSSTM03_ELEMENTCOUNTGT9	0x03	3	Element Count > 9
PERR_GSSTM04_NULLPOINTER	0x04	4	NULL Pointer
PERR_GSSTM04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_GSSTM05_INVALIDTRANSFORMOPTIONS	0x06	5	Invalid Transform Options

**BOOL APIENTRY GpiSetStopDraw**(*HPS hps, LONG lValue*)

No parameter errors defined.

**BOOL APIENTRY GpiSetTag**(*HPS hps, LONG lTag*)

No parameter errors defined.

**BOOL APIENTRY GpiSetTextAlignment**(*HPS hps, LONG lHoriz, LONG lVert*)

Symbol	Value	Parameter	Problem
PERR_GSTA02_INVALIDHORIZONTALALIGNMENT	0x01	2	Invalid Horizontal Alignment
PERR_GSTA03_INVALIDVERTICALALIGNMENT	0x02	3	Invalid Vertical Alignment

**BOOL APIENTRY GpiSetViewingLimits**(*HPS hps, PRECTL prclLimits*)

Symbol	Value	Parameter	Problem
PERR_GSVL02_NULLPOINTER	0x01	2	NULL Pointer

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Symbol	Value	Parameter	Problem
PERR_GSVL02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GSVL02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_GSVL02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_GSVL02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_GSVL02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_GSVL02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_GSVL02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_GSVL02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_GSVL02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_GSVL02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_GSVL02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY GpiSetViewingTransformMatrix**(*HPS hps, LONG lCount, PMATRIXLF pmatlfArray, LONG lOptions*)

Symbol	Value	Parameter	Problem
PERR_GSVTM02_ELEMENTCOUNTLT0	0x01	2	Element Count < 0
PERR_GSVTM02_ELEMENTCOUNTGT9	0x02	2	Element Count > 9
PERR_GSVTM03_NULLPOINTER	0x03	3	NULL Pointer
PERR_GSVTM03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_GSVTM04_INVALIDTRANSFORMOPTION	0x05	4	Invalid Transform Option

**LONG APIENTRY GpiStrokePath**(*HPS hps, LONG lPath, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_GSP02_INVALIDPATH	0x01	2	Invalid Path
PERR_GSP03_INVALIDOPTION	0x02	3	Invalid Option

**BOOL APIENTRY GpiTranslate**(*HPS hps, PMATRIXLF pmatlfArray, LONG lOptions, PPOINTL pptlTranslation*)

Symbol	Value	Parameter	Problem
PERR_GT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GT02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_GT03_INVALIDOPTIONS	0x03	3	Invalid Options
PERR_GT04_NULLPOINTER	0x04	4	NULL Pointer



Symbol	Value	Parameter	Problem
PERR_GT04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_GT04_XLTM32768	0x06	4	x < -32,768
PERR_GT04_XGT32767	0x07	4	x > 32,767
PERR_GT04_YLTM32768	0x08	4	y < -32,768
PERR_GT04_YGT32767	0x09	4	y > 32,767

**BOOL APIENTRY GpiUnloadFonts**(*HAB hab, PSZ pszFilename*)

Symbol	Value	Parameter	Problem
PERR_GUF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GUF02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY GpiUnloadPublicFonts**(*HAB hab, PSZ pszFilename*)

Symbol	Value	Parameter	Problem
PERR_GUPF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_GUPF02_INVALIDPOINTER	0x02	2	Invalid Pointer

**LONG APIENTRY GpiWCBitBlt**(*HPS hpsTarget, HBITMAP hbmSource, LONG lCount, PPOINTL aptlPoints, LONG lRop, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_GWCBB03_ARRAYPOINTCOUNTNEQ4	0x01	3	Array Point Count ≠ 4
PERR_GWCBB04_NULLPOINTER	0x02	4	NULL Pointer
PERR_GWCBB04_INVALIDPOINTER	0x03	4	Invalid Pointer
PERR_GWCBB04_BUFFERTOOSMALL	0x04	4	Buffer Too Small
PERR_GWCBB04_XLTM32768	0x05	4	x < -32,768
PERR_GWCBB04_XGT32767	0x06	4	x > 32,767
PERR_GWCBB04_YLTM32768	0x07	4	y < -32,768
PERR_GWCBB04_YGT32767	0x08	4	y > 32,767
PERR_GWCBB06_INVALIDOPTIONS	0x09	6	Invalid Options

**P r f \* C a l l s****HPROGRAM APIENTRY PrfAddProgram**(*HINI hini, PPROGDETAILS pDetails, HPROGRAM hprogGroup*)

Symbol	Value	Parameter	Problem
PERR_PAP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_PAP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY PrfChangeProgram**(*HINI hini, HPROGRAM hprog, PPROGDETAILS pDetails*)

Symbol	Value	Parameter	Problem
PERR_PCP03_NULLPOINTER	0x01	3	NULL Pointer
PERR_PCP03_INVALIDPOINTER	0x02	3	Invalid Pointer

**BOOL APIENTRY PrfCloseProfile**(*HINI hini*)

No parameter errors defined.

**BOOL APIENTRY PrfDestroyGroup**(*HINI hini, HPROGRAM hprogGroup*)

No parameter errors defined.

**HINI APIENTRY PrfOpenProfile**(*HAB hab, PSZ pszFileName*)

Symbol	Value	Parameter	Problem
PERR_POP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_POP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**ULONG APIENTRY PrfQueryDefinition**(*HINI hini, HPROGRAM hprog, PPROGDETAILS pDetails, ULONG cchBufferMax*)

Symbol	Value	Parameter	Problem
PERR_PQD03_NULLPOINTER	0x01	3	NULL Pointer
PERR_PQD03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_PQD04_BUFFERSIZE0	0x03	4	Buffer Size 0

**BOOL APIENTRY PrfQueryProfile**(*HAB hab, PPRFPROFILE pPrfProfile*)

Symbol	Value	Parameter	Problem
PERR_PQP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_PQP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY PrfQueryProfileData**(*HINI hini, PSZ pszApp, PSZ pszKey, PVOID pBuffer, PULONG pulBuffLen*)

Symbol	Value	Parameter	Problem
PERR_PQPD02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_PQPD03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_PQPD04_NULLPOINTER	0x03	4	NULL Pointer
PERR_PQPD04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_PQPD05_NULLPOINTER	0x05	5	NULL Pointer
PERR_PQPD05_INVALIDPOINTER	0x06	5	Invalid Pointer
PERR_PQPD05_BUFFERSIZE0	0x07	5	Buffer Size 0

**LONG APIENTRY PrfQueryProfileInt**(*HINI hini, PSZ pszApp, PSZ pszKey, LONG sDefault*)

Symbol	Value	Parameter	Problem
PERR_PQPI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_PQPI02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_PQPI03_NULLPOINTER	0x03	3	NULL Pointer
PERR_PQPI03_INVALIDPOINTER	0x04	3	Invalid Pointer

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**BOOL APIENTRY PrfQueryProfileSize**(*HINI hini, PSZ pszApp, PSZ pszKey, PULONG pulReqLen*)

Symbol	Value	Parameter	Problem
PERR_PQPS02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_PQPS03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_PQPS04_NULLPOINTER	0x03	4	NULL Pointer
PERR_PQPS04_INVALIDPOINTER	0x04	4	Invalid Pointer

**ULONG APIENTRY PrfQueryProfileString**(*HINI hini, PSZ pszApp, PSZ pszKey, PSZ pszDefault, PVOID pBuffer, ULONG cchBufferMax*)

Symbol	Value	Parameter	Problem
PERR_PQPS02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_PQPS03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_PQPS04_INVALIDSTRINGPOINTER	0x03	4	Invalid String Pointer
PERR_PQPS05_NULLPOINTER	0x04	5	NULL Pointer
PERR_PQPS05_INVALIDPOINTER	0x05	5	Invalid Pointer
PERR_PQPS06_BUFFERLENGTH0	0x06	6	Buffer Length 0

**ULONG APIENTRY PrfQueryProgramTitles**(*HINI hini, HPROGRAM hprogGroup, PPROGTITLE pTitles, ULONG cchBufferMax, PULONG pulCount*)

Symbol	Value	Parameter	Problem
PERR_PQPT03_NULLPOINTER	0x01	3	NULL Pointer
PERR_PQPT03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_PQPT04_BUFFERLENGTH0	0x03	4	Buffer Length 0
PERR_PQPT05_NULLPOINTER	0x04	5	NULL Pointer
PERR_PQPT05_INVALIDPOINTER	0x05	5	Invalid Pointer

**BOOL APIENTRY PrfRemoveProgram**(*HINI hini, HPROGRAM hprog*)

No parameter errors defined.



**BOOL APIENTRY PrfReset**(*HAB hab, PPRFPROFILE pPrfProfile*)

Symbol	Value	Parameter	Problem
PERR_PR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_PR02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY PrfWriteProfileData**(*HINI hini, PSZ pszApp, PSZ pszKey, PVOID pData, ULONG cchDataLen*)

Symbol	Value	Parameter	Problem
PERR_PWPD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_PWPD02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_PWPD03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_PWPD04_INVALIDPOINTER	0x04	4	Invalid Pointer

**BOOL APIENTRY PrfWriteProfileString**(*HINI hini, PSZ pszApp, PSZ pszKey, PSZ pszData*)

Symbol	Value	Parameter	Problem
PERR_PWPS02_NULLPOINTER	0x01	2	NULL Pointer
PERR_PWPS02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_PWPS03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_PWPS04_INVALIDPOINTER	0x04	4	Invalid Pointer



# P r t \* C a l l s

**VOID APIENTRY PrtAbort**(*HFILE hDevice*)

No parameter errors defined.

**ULONG APIENTRY PrtClose**(*HFILE hDevice*)

No parameter errors defined.

**ULONG APIENTRY PrtDevIOCtl**(*PVOID pData, PVOID pParms, ULONG uFunction, ULONG uCategory, HFILE hDevice*)

Symbol	Value	Parameter	Problem
PERR_PDIOC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_PDIOC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_PDIOC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_PDIOC02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_PDIOC03_INVALIDDEVICEFUNCTION	0x14	3	Invalid Device Function
PERR_PDIOC04_INVALIDDEVICECATEGORY	0x15	4	Invalid Device Category

**ULONG APIENTRY PrtOpen**(*PSZ pszDeviceName, PHFILE phDevice, PULONG pActionTaken, ULONG cbFileSize, ULONG uFileAttr, ULONG openFlag, ULONG openMode, ULONG reserved*)

Symbol	Value	Parameter	Problem
PERR_PO01_NULLPOINTER	0x10	1	NULL Pointer
PERR_PO01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_PO02_NULLPOINTER	0x12	2	NULL Pointer
PERR_PO02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_PO03_NULLPOINTER	0x14	3	NULL Pointer
PERR_PO03_INVALIDPOINTER	0x15	3	Invalid Pointer
PERR_PO05_INVALIDATTRIBUTEFLAGBITS6M31	0x16	5	Invalid Attribute Flag Bits 6 - 31
PERR_PO05_INVALIDATTRIBUTEFLAGBITS3	0x17	5	Invalid Attribute Flag Bits 3
PERR_PO06_INVALIDOPENFLAGBITS8M31	0x18	6	Invalid Open Flag Bits 8 - 31
PERR_PO07_INVALIDOPENMODEBITS16M31	0x19	7	Invalid Open Mode Bits 16 - 31



Symbol	Value	Parameter	Problem
PERR_PO07_INVALIDOPENMODEBITS11	0x1a	7	Invalid Open Mode Bits 11
PERR_PO07_INVALIDOPENMODEBITS3	0x1b	7	Invalid Open Mode Bits 3
PERR_PO08_RESERVEDNEQ0	0x1c	8	Reserved ≠ 0

**ULONG APIENTRY PrtWrite**(*HFILE hDevice, PVOID pchData, ULONG cbData, PULONG pcbWritten*)

Symbol	Value	Parameter	Problem
PERR_PW02_NULLPOINTER	0x10	2	NULL Pointer
PERR_PW02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_PW04_NULLPOINTER	0x12	4	NULL Pointer
PERR_PW04_INVALIDPOINTER	0x13	4	Invalid Pointer



**S p l \* C a l l s**

**SPLERR APIENTRY SplControlDevice**(*PSZ pszComputerName, PSZ pszPortName, ULONG ulControl*)

Symbol	Value	Parameter	Problem
PERR_SCD01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SCD02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SCD02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SCD03_INVALIDOPERATION	0x13	3	Invalid Operation

**SPLERR APIENTRY SplCopyJob**(*PSZ pszSrcComputerName, PSZ pszSrcQueueName, ULONG ulSrcJob, PSZ pszTrgComputerName, PSZ pszTrgQueueName, PULONG pulTrgJob*)

Symbol	Value	Parameter	Problem
PERR_SCJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SCJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SCJ02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SCJ04_INVALIDPOINTER	0x13	4	Invalid Pointer
PERR_SCJ05_NULLPOINTER	0x14	5	NULL Pointer
PERR_SCJ05_INVALIDPOINTER	0x15	5	Invalid Pointer
PERR_SCJ06_NULLPOINTER	0x16	6	NULL Pointer
PERR_SCJ06_INVALIDPOINTER	0x17	6	Invalid Pointer

**SPLERR APIENTRY SplCreateDevice**(*PSZ pszComputerName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_SCD01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SCD02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SCD03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SCD03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SCD04_INVALIDLENGTH	0x14	4	Invalid Length



**SPLERR APIENTRY SpiCreateQueue**(*PSZ pszComputerName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf*)

Symbol	Value	Parameter	Problem
PERR_SCQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SCQ02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SCQ03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SCQ03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SCQ04_INVALIDLENGTH	0x14	4	Invalid Length

**SPLERR APIENTRY SpiDeleteDevice**(*PSZ pszComputerName, PSZ pszPrintDeviceName*)

Symbol	Value	Parameter	Problem
PERR_SDD01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SDD02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SDD02_INVALIDPOINTER	0x12	2	Invalid Pointer

**SPLERR APIENTRY SpiDeleteJob**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulJob*)

Symbol	Value	Parameter	Problem
PERR_SDJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SDJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SDJ02_INVALIDPOINTER	0x12	2	Invalid Pointer

**SPLERR APIENTRY SpiDeleteQueue**(*PSZ pszComputerName, PSZ pszQueueName*)

Symbol	Value	Parameter	Problem
PERR_SDQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SDQ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SDQ02_INVALIDPOINTER	0x12	2	Invalid Pointer

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**SPLERR APIENTRY SpiEnumDevice**(*PSZ pszComputerName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SED01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SED02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SED03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SED03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SED04_BUFFERLENGTH0	0x14	4	Buffer Length 0
PERR_SED05_NULLPOINTER	0x15	5	NULL Pointer
PERR_SED05_INVALIDPOINTER	0x16	5	Invalid Pointer
PERR_SED06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SED06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_SED07_NULLPOINTER	0x19	7	NULL Pointer
PERR_SED07_INVALIDPOINTER	0x1a	7	Invalid Pointer
PERR_SED08_POINTERNOTNULL	0x1b	8	Pointer Not NULL

**SPLERR APIENTRY SpiEnumDriver**(*PSZ pszComputerName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SED01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SED02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SED03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SED03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SED04_BUFFERLENGTH0	0x14	4	Buffer Length 0
PERR_SED05_NULLPOINTER	0x15	5	NULL Pointer
PERR_SED05_INVALIDPOINTER	0x16	5	Invalid Pointer
PERR_SED06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SED06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_SED07_NULLPOINTER	0x19	7	NULL Pointer
PERR_SED07_INVALIDPOINTER	0x1a	7	Invalid Pointer
PERR_SED08_POINTERNOTNULL	0x1b	8	Pointer Not NULL



**SPLERR APIENTRY SpiEnumJob**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SEJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SEJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SEJ02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SEJ03_INVALIDLEVEL	0x13	3	Invalid Level
PERR_SEJ04_NULLPOINTER	0x14	4	NULL Pointer
PERR_SEJ04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_SEJ05_BUFFERLENGTH0	0x16	5	Buffer Length 0
PERR_SEJ06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SEJ06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_SEJ07_NULLPOINTER	0x19	7	NULL Pointer
PERR_SEJ07_INVALIDPOINTER	0x1a	7	Invalid Pointer
PERR_SEJ08_NULLPOINTER	0x1b	8	NULL Pointer
PERR_SEJ08_INVALIDPOINTER	0x1c	8	Invalid Pointer
PERR_SEJ09_POINTERNOTNULL	0x1d	9	Pointer Not NULL

**SPLERR APIENTRY SpiEnumPort**(*PSZ pszComputerName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SEP01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SEP02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SEP03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SEP03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SEP04_BUFFERLENGTH0	0x14	4	Buffer Length 0
PERR_SEP05_NULLPOINTER	0x15	5	NULL Pointer
PERR_SEP05_INVALIDPOINTER	0x16	5	Invalid Pointer
PERR_SEP06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SEP06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_SEP07_NULLPOINTER	0x19	7	NULL Pointer
PERR_SEP07_INVALIDPOINTER	0x1a	7	Invalid Pointer
PERR_SEP08_POINTERNOTNULL	0x1b	8	Pointer Not NULL

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**SPLERR APIENTRY SpiEnumPrinter**(*PSZ pszComputerName, ULONG uLevel, ULONG flType, PVOID pBuf, ULONG cbbuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SEP01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SEP02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SEP03_INVALIDTYPE	0x12	3	Invalid Type
PERR_SEP04_NULLPOINTER	0x13	4	NULL Pointer
PERR_SEP04_INVALIDPOINTER	0x14	4	Invalid Pointer
PERR_SEP05_BUFFERLENGTH0	0x15	5	Buffer Length 0
PERR_SEP06_NULLENTRIESPOINTER	0x16	6	NULL Entries Pointer
PERR_SEP06_INVALIDENTRIESPOINTER	0x17	6	Invalid Entries Pointer
PERR_SEP07_NULLTOTALPOINTER	0x18	7	NULL Total Pointer
PERR_SEP07_INVALIDTOTALPOINTER	0x19	7	Invalid Total Pointer
PERR_SEP08_NULLPOINTER	0x1a	8	NULL Pointer
PERR_SEP08_INVALIDPOINTER	0x1b	8	Invalid Pointer
PERR_SEP09_POINTERNOTNULL	0x1c	9	Pointer Not NULL

**SPLERR APIENTRY SpiEnumQueue**(*PSZ pszComputerName, ULONG uLevel, PVOID pBuf, ULONG cbBuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SEQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SEQ02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SEQ03_INVALIDPOINTER	0x12	3	Invalid Pointer
PERR_SEQ04_BUFFERLENGTH0	0x13	4	Buffer Length 0
PERR_SEQ05_NULLPOINTER	0x14	5	NULL Pointer
PERR_SEQ05_INVALIDPOINTER	0x15	5	Invalid Pointer
PERR_SEQ06_NULLPOINTER	0x16	6	NULL Pointer
PERR_SEQ06_INVALIDPOINTER	0x17	6	Invalid Pointer
PERR_SEQ07_NULLPOINTER	0x18	7	NULL Pointer
PERR_SEQ07_INVALIDPOINTER	0x19	7	Invalid Pointer
PERR_SEQ08_POINTERNOTNULL	0x1a	8	Pointer Not NULL





**SPLERR APIENTRY SplEnumQueueProcessor**(*PSZ pszComputerName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcReturned, PULONG pcTotal, PULONG pcbNeeded, PVOID pReserved*)

Symbol	Value	Parameter	Problem
PERR_SEQP01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SEQP02_INVALIDLEVEL	0x11	2	Invalid Level
PERR_SEQP03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SEQP03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SEQP04_BUFFERLENGTH0	0x14	4	Buffer Length 0
PERR_SEQP05_NULLPOINTER	0x15	5	NULL Pointer
PERR_SEQP05_INVALIDPOINTER	0x16	5	Invalid Pointer
PERR_SEQP06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SEQP06_INVALIDPOINTER	0x18	6	Invalid Pointer
PERR_SEQP07_NULLPOINTER	0x19	7	NULL Pointer
PERR_SEQP07_INVALIDPOINTER	0x1a	7	Invalid Pointer
PERR_SEQP08_POINTERNOTNULL	0x1b	8	Pointer Not NULL

**SPLERR APIENTRY SplHoldJob**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulJob*)

Symbol	Value	Parameter	Problem
PERR_SHJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SHJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SHJ02_INVALIDPOINTER	0x12	2	Invalid Pointer

**SPLERR APIENTRY SplHoldQueue**(*PSZ pszComputerName, PSZ pszQueueName*)

Symbol	Value	Parameter	Problem
PERR_SHQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SHQ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SHQ02_INVALIDPOINTER	0x12	2	Invalid Pointer



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**ULONG APIENTRY SpiMessageBox**(*PSZ pszLogAddr, ULONG fErrInfo, ULONG fErrData, PSZ pszText, PSZ pszCaption, ULONG idWindow, ULONG fStyle*)

Symbol	Value	Parameter	Problem
PERR_SMB01_NULLPOINTER	0x01	1	NULL Pointer
PERR_SMB01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_SMB02_INVALIDERRORINFOFLAG	0x03	2	Invalid Error Info Flag
PERR_SMB02_INVALIDERRORINFOSEVERITYFLAG	0x04	2	Invalid Error Info Severity Flag
PERR_SMB03_INVALIDERRORDATAFLAG	0x05	3	Invalid Error Data Flag
PERR_SMB04_NULLPOINTER	0x06	4	NULL Pointer
PERR_SMB04_INVALIDPOINTER	0x07	4	Invalid Pointer
PERR_SMB05_INVALIDPOINTER	0x08	5	Invalid Pointer
PERR_SMB06_WINDOWIDGT65535	0x09	6	Window ID > 65,535
PERR_SMB07_INVALIDSTYLEFLAG	0x0a	7	Invalid Style Flag

**SPLERR APIENTRY SpiPurgeQueue**(*PSZ pszComputerName, PSZ pszQueueName*)

Symbol	Value	Parameter	Problem
PERR_SPQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SPQ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SPQ02_INVALIDPOINTER	0x12	2	Invalid Pointer

**BOOL APIENTRY SpiQmAbort**(*HSPL hspl*)

No parameter errors defined.

**BOOL APIENTRY SpiQmAbortDoc**(*HSPL hspl*)

No parameter errors defined.

**BOOL APIENTRY SpiQmClose**(*HSPL hspl*)

No parameter errors defined.

**BOOL APIENTRY SpiQmEndDoc**(*HSPL hspl*)

No parameter errors defined.

**HSPL APIENTRY SpiQmOpen**(*PSZ pszToken, LONG lCount, PQMOPENDATA pqmdopData*)

Symbol	Value	Parameter	Problem
PERR_SQO01_NULLPOINTER	0x01	1	NULL Pointer
PERR_SQO01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_SQO02_COUNTLT1	0x03	2	Count < 1
PERR_SQO03_NULLPOINTER	0x04	3	NULL Pointer
PERR_SQO03_INVALIDPOINTER	0x05	3	Invalid Pointer

**BOOL APIENTRY SpiQmStartDoc**(*HSPL hspl, PSZ pszDocName*)

Symbol	Value	Parameter	Problem
PERR_SQSD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_SQSD02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY SpiQmWrite**(*HSPL hspl, LONG lCount, PVOID pData*)

Symbol	Value	Parameter	Problem
PERR_SQW02_COUNTLT1	0x01	2	Count < 1
PERR_SQW03_NULLPOINTER	0x02	3	NULL Pointer
PERR_SQW03_INVALIDPOINTER	0x03	3	Invalid Pointer

**SPLERR APIENTRY SpiQueryDevice**(*PSZ pszComputerName, PSZ pszPrintDeviceName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcbNeeded*)

Symbol	Value	Parameter	Problem
PERR_SQD01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SQD02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SQD02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SQD03_INVALIDLEVEL	0x13	3	Invalid Level
PERR_SQD04_NULLPOINTER	0x14	4	NULL Pointer
PERR_SQD04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_SQD05_BUFFERLENGTHLT1	0x16	5	Buffer Length < 1
PERR_SQD06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SQD06_INVALIDPOINTER	0x18	6	Invalid Pointer

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**SPLERR APIENTRY SpiQueryJob**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulJob, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcbNeeded*)

Symbol	Value	Parameter	Problem
PERR_SQJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SQJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SQJ02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SQJ04_INVALIDLEVEL	0x13	4	Invalid Level
PERR_SQJ05_NULLPOINTER	0x14	5	NULL Pointer
PERR_SQJ06_INVALIDPOINTER	0x15	6	Invalid Pointer
PERR_SQJ07_BUFFERLENGTHLT1	0x16	7	Buffer Length < 1
PERR_SQJ08_NULLPOINTER	0x17	8	NULL Pointer
PERR_SQJ08_INVALIDPOINTER	0x18	8	Invalid Pointer

**SPLERR APIENTRY SpiQueryQueue**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, PULONG pcbNeeded*)

Symbol	Value	Parameter	Problem
PERR_SQQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SQQ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SQQ02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SQQ03_INVALIDLEVEL	0x13	3	Invalid Level
PERR_SQQ04_NULLPOINTER	0x14	4	NULL Pointer
PERR_SQQ04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_SQQ05_BUFFERLENGTHLT1	0x16	5	Buffer Length < 1
PERR_SQQ06_NULLPOINTER	0x17	6	NULL Pointer
PERR_SQQ06_INVALIDPOINTER	0x18	6	Invalid Pointer

**SPLERR APIENTRY SpiReleaseJob**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulJob*)

Symbol	Value	Parameter	Problem
PERR_SRJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SRJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SRJ02_INVALIDPOINTER	0x12	2	Invalid Pointer



**SPLERR APIENTRY SpiReleaseQueue**(*PSZ pszComputerName, PSZ pszQueueName*)

Symbol	Value	Parameter	Problem
PERR_SRQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SRQ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SRQ02_INVALIDPOINTER	0x12	2	Invalid Pointer

**SPLERR APIENTRY SpiSetDevice**(*PSZ pszComputerName, PSZ pszPrintDeviceName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, ULONG ulParmNum*)

Symbol	Value	Parameter	Problem
PERR_SSD01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SSD02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SSD02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SSD03_INVALIDLEVEL	0x13	3	Invalid Level
PERR_SSD04_NULLPOINTER	0x14	4	NULL Pointer
PERR_SSD04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_SSD05_BUFFERLENGTHLT1	0x16	5	Buffer Length < 1
PERR_SSD06_INVALIDPARAMETERNUMBER	0x18	6	Invalid Parameter Number

**SPLERR APIENTRY SpiSetJob**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulJob, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, ULONG ulParmNum*)

Symbol	Value	Parameter	Problem
PERR_SJ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SJ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SJ02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SJ04_INVALIDLEVEL	0x13	4	Invalid Level
PERR_SJ05_NULLPOINTER	0x14	5	NULL Pointer
PERR_SJ05_INVALIDPOINTER	0x15	5	Invalid Pointer
PERR_SJ06_BUFFERLENGTHLT1	0x16	6	Buffer Length < 1
PERR_SJ07_INVALIDPARAMETERNUMBER	0x18	7	Invalid Parameter Number

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**SPLERR APIENTRY SplSetQueue**(*PSZ pszComputerName, PSZ pszQueueName, ULONG ulLevel, PVOID pBuf, ULONG cbBuf, ULONG ulParmNum*)

Symbol	Value	Parameter	Problem
PERR_SSQ01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_SSQ02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SSQ02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SSQ03_INVALIDLEVEL	0x13	3	Invalid Level
PERR_SSQ04_NULLPOINTER	0x14	4	NULL Pointer
PERR_SSQ04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_SSQ05_BUFFERLENGTHLT1	0x16	5	Buffer Length < 1
PERR_SSQ06_INVALIDPARAMETERNUMBER	0x18	6	Invalid Parameter Number

**BOOL APIENTRY SplStdClose**(*HDC hdc*)

No parameter errors defined.

**BOOL APIENTRY SplStdDelete**(*HSTD hMetaFile*)

No parameter errors defined.

**BOOL APIENTRY SplStdGetBits**(*HSTD hMetaFile, LONG offData, LONG cbData, PCH pchData*)

Symbol	Value	Parameter	Problem
PERR_SSGB02_TRANSFEROFFSETLT0	0x01	2	Transfer Offset < 0
PERR_SSGB03_TRANSFERSIZELT0	0x02	3	Transfer Size < 0
PERR_SSGB04_NULLPOINTER	0x03	4	NULL Pointer
PERR_SSGB04_INVALIDPOINTER	0x04	4	Invalid Pointer

**BOOL APIENTRY SplStdOpen**(*HDC hdc*)

No parameter errors defined.

**LONG APIENTRY SplStdQueryLength**(*HSTD hMetaFile*)

No parameter errors defined.

**BOOL APIENTRY SplStdStart**(HDC hdc)

No parameter errors defined.

**HSTD APIENTRY SplStdStop**(HDC hdc)

No parameter errors defined.



**W i n \* C a l l s****ATOM APIENTRY WinAddAtom**(*HATOMTBL hAtomTbl, PSZ pszAtomName*)

Symbol	Value	Parameter	Problem
PERR_WAA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WAA02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HSWITCH APIENTRY WinAddSwitchEntry**(*PSWCNTRL pswctlSwitchData*)

Symbol	Value	Parameter	Problem
PERR_WASE01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WASE01_INVALIDPOINTER	0x02	1	Invalid Pointer

**BOOL APIENTRY WinAlarm**(*HWND hwndDesktop, ULONG rgfType*)

Symbol	Value	Parameter	Problem
PERR_WA01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WA02_INVALIDALARMTYPE	0x02	2	Invalid Alarm Type

**BOOL APIENTRY WinAssociateHelpInstance**(*HWND hwndHelpInstance, HWND hwndApp*)

Symbol	Value	Parameter	Problem
PERR_WAH02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle

**HENUM APIENTRY WinBeginEnumWindows**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WBEW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle



**HPS APIENTRY WinBeginPaint**(*HWND hwnd, HPS hps, PRECTL prclPaint*)

Symbol	Value	Parameter	Problem
PERR_WBP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WBP03_INVALIDPOINTER	0x02	3	Invalid Pointer

**BOOL APIENTRY WinBroadcastMsg**(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2, ULONG rgf*)

Symbol	Value	Parameter	Problem
PERR_WBM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WBM05_INVALIDCOMMAND	0x02	5	Invalid Command

**BOOL APIENTRY WinCalcFrameRect**(*HWND hwndFrame, PRECTL prcl, BOOL fClient*)

Symbol	Value	Parameter	Problem
PERR_WCFR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCFR02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WCFR02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WCFR02_XLEFTLTM32768	0x04	2	xLeft < -32,768
PERR_WCFR02_XLEFTGT32767	0x05	2	xLeft > 32,767
PERR_WCFR02_XRIGHTLTM32768	0x06	2	xRight < -32,768
PERR_WCFR02_XRIGHTGT32767	0x07	2	xRight > 32,767
PERR_WCFR02_YBOTTOMLTM32768	0x08	2	yBottom < -32,768
PERR_WCFR02_YBOTTOMGT32767	0x09	2	yBottom > 32,767
PERR_WCFR02_YTOPLTM32768	0x0a	2	yTop < -32,768
PERR_WCFR02_YTOPGT32767	0x0b	2	yTop > 32,767
PERR_WCFR02_XRIGHTLTLEFT	0x0c	2	xRight < xLeft
PERR_WCFR02_YTOPLTBOTTOM	0x0d	2	yTop < yBottom

**BOOL APIENTRY WinCallMsgFilter**(*HAB hab, PQMSG pqmsg, ULONG msgf*)

Symbol	Value	Parameter	Problem
PERR_WCMF02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WCMF02_INVALIDPOINTER	0x02	2	Invalid Pointer

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### **BOOL APIENTRY WinCancelShutdown**(*HMQ hmq, BOOL fCancelAlways*)

No parameter errors defined.

### **ULONG APIENTRY WinChangeSwitchEntry**(*HSWITCH hswitchSwitch, PSWCNTRL pswctlSwitchData*)

Symbol	Value	Parameter	Problem
PERR_WCSE02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WCSE02_INVALIDPOINTER	0x02	2	Invalid Pointer

### **BOOL APIENTRY WinCloseClipbrd**(*HAB hab*)

No parameter errors defined.

### **ULONG APIENTRY WinCompareStrings**(*HAB hab, ULONG idcp, ULONG idcc, PSZ psz1, PSZ psz2, ULONG reserved*)

Symbol	Value	Parameter	Problem
PERR_WCS02_INVALIDCODEPAGE	0x01	2	Invalid Code Page
PERR_WCS03_INVALIDCOUNTRYCODE	0x02	3	Invalid Country Code
PERR_WCS04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WCS04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_WCS05_NULLPOINTER	0x05	5	NULL Pointer
PERR_WCS05_INVALIDPOINTER	0x06	5	Invalid Pointer
PERR_WCS06_RESERVEDVALUEEQ0	0x07	6	Reserved Value ≠ 0

### **ULONG APIENTRY WinCopyAccelTable**(*HACCEL haccel, PACCELTABLE pAccelTable, ULONG cbCopyMax*)

Symbol	Value	Parameter	Problem
PERR_WCAT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WCAT02_INVALIDPOINTER	0x02	2	Invalid Pointer

### **BOOL APIENTRY WinCopyRect**(*HAB hab, PRECTL prclDst, PRECTL prclSrc*)

Symbol	Value	Parameter	Problem
PERR_WCR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WCR02_INVALIDPOINTER	0x02	2	Invalid Pointer

Symbol	Value	Parameter	Problem
PERR_WCR03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WCR03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WCR03_XLEFTLTM32768	0x05	3	xLeft < -32,768
PERR_WCR03_XLEFTGT32767	0x06	3	xLeft > 32,767
PERR_WCR03_XRIGHTLTM32768	0x07	3	xRight < -32,768
PERR_WCR03_XRIGHTGT32767	0x08	3	xRight > 32,767
PERR_WCR03_YBOTTOMLTM32768	0x09	3	yBottom < -32,768
PERR_WCR03_YBOTTOMGT32767	0x0a	3	yBottom > 32,767
PERR_WCR03_YTOPLTM32768	0x0b	3	yTop < -32,768
PERR_WCR03_YTOPGT32767	0x0c	3	yTop > 32,767
PERR_WCR03_XRIGHTLTXLEFT	0x0d	3	xRight < xLeft
PERR_WCR03_YTOPLTYBOTTOM	0x0e	3	yTop < yBottom

**UCHAR APIENTRY WinCpTranslateChar**(*HAB hab, ULONG cpSrc, UCHAR chSrc, ULONG cpDst*)

Symbol	Value	Parameter	Problem
PERR_WCTC02_INVALIDSOURCECODEPAGE	0x01	2	Invalid Source Code Page
PERR_WCTC04_INVALIDDESTINATIONCODEPAGE	0x02	4	Invalid Destination Code Page

**BOOL APIENTRY WinCpTranslateString**(*HAB hab, ULONG cpSrc, PSZ pszSrc, ULONG cpDst, ULONG cchDestMax, PSZ pchDest*)

Symbol	Value	Parameter	Problem
PERR_WCTS02_INVALIDSOURCECODEPAGE	0x01	2	Invalid Source Code Page
PERR_WCTS03_NULLPOINTER	0x02	3	NULL Pointer
PERR_WCTS03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_WCTS04_INVALIDDESTINATIONCODEPAGE	0x04	4	Invalid Destination Code Page
PERR_WCTS05_NULLPOINTER	0x05	5	NULL Pointer
PERR_WCTS05_INVALIDPOINTER	0x06	5	Invalid Pointer

**HACCEL APIENTRY WinCreateAccelTable**(*HAB hab, PACCELTABLE pAccelTable*)

Symbol	Value	Parameter	Problem
PERR_WCAT02_NULLPOINTER	0x01	2	NULL Pointer

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Symbol	Value	Parameter	Problem
PERR_WCAT02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HATOMTBL APIENTRY WinCreateAtomTable**(*ULONG cbInitial, ULONG cBuckets*)

No parameter errors defined.

**BOOL APIENTRY WinCreateCursor**(*HWND hwnd, LONG x, LONG y, LONG cx, LONG cy, ULONG fs, PRECTL prclClip*)

Symbol	Value	Parameter	Problem
PERR_WCC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCC02_XLTM32768	0x02	2	x < -32,768
PERR_WCC02_XGT32767	0x03	2	x > 32,767
PERR_WCC03_YLTM32768	0x04	3	y < -32,768
PERR_WCC03_YGT32767	0x05	3	y > 32,767
PERR_WCC04_CXLTO	0x06	4	cx < 0
PERR_WCC04_CXGT32767	0x07	4	cx > 32,767
PERR_WCC05_CYLTO	0x08	5	cy < 0
PERR_WCC05_CYGT32767	0x09	5	cy > 32,767
PERR_WCC06_INVALIDFLAG	0x0a	6	Invalid Flag
PERR_WCC07_INVALIDPOINTER	0x0b	7	Invalid Pointer
PERR_WCC07_XLEFTLTM32768	0x0c	7	xLeft < -32,768
PERR_WCC07_XLEFTGT32767	0x0d	7	xLeft > 32,767
PERR_WCC07_XRIGHTLTM32768	0x0e	7	xRight < -32,768
PERR_WCC07_XRIGHTGT32767	0x0f	7	xRight > 32,767
PERR_WCC07_YBOTTOMLTM32768	0x10	7	yBottom < -32,768
PERR_WCC07_YBOTTOMGT32767	0x11	7	yBottom > 32,767
PERR_WCC07_YTOPLTM32768	0x12	7	yTop < -32,768
PERR_WCC07_YTOPGT32767	0x13	7	yTop > 32,767
PERR_WCC07_XRIGHTLXLEFT	0x14	7	xRight < xLeft
PERR_WCC07_YTOPLTYBOTTOM	0x15	7	yTop < yBottom

**HWND APIENTRY WinCreateDlg**(*HWND hwndParent, HWND hwndOwner, PFNWP pfnDlgProc, PDLGTEMPLATE pdlgt, PVOID pCreateParams*)

Symbol	Value	Parameter	Problem
PERR_WCD01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

Symbol	Value	Parameter	Problem
PERR_WCD02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle
PERR_WCD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WCD03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WCD04_NULLPOINTER	0x05	4	NULL Pointer
PERR_WCD04_INVALIDPOINTER	0x06	4	Invalid Pointer
PERR_WCD05_INVALIDPOINTER	0x07	5	Invalid Pointer

**BOOL APIENTRY WinCreateFrameControls**(*HWND hwndFrame, PFRAMECDATA pfcdata, PSZ pszTitle*)

Symbol	Value	Parameter	Problem
PERR_WCF01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCF02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WCF02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WCF03_INVALIDPOINTER	0x04	3	Invalid Pointer

**HWND APIENTRY WinCreateHelpInstance**(*HAB hab, PHELPINT phinitHMIInitStructure*)

Symbol	Value	Parameter	Problem
PERR_WCHI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WCHI02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY WinCreateHelpTable**(*HWND hwndHelpInstance, PHELPTABLE phtHelpTable*)

Symbol	Value	Parameter	Problem
PERR_WCHT01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCHT02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WCHT02_INVALIDPOINTER	0x03	2	Invalid Pointer

**HWND APIENTRY WinCreateMenu**(*HWND hwndParent, PVOID lpmt*)

Symbol	Value	Parameter	Problem
PERR_WCM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCM02_INVALIDPOINTER	0x02	2	Invalid Pointer



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**HMQ APIENTRY WinCreateMsgQueue**(*HAB hab, LONG cmsg*)

Symbol	Value	Parameter	Problem
PERR_WCMQ02_QUEUESIZELTO	0x01	2	Queue Size < 0

**HOBJECT APIENTRY WinCreateObject**(*PSZ pszClassName, PSZ pszTitle, PSZ pszSetupString, PSZ pszLocation, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_WCO01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WCO01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WCO02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WCO02_INVALIDPOINTER	0x04	2	Invalid Pointer
PERR_WCO03_NULLPOINTER	0x05	3	NULL Pointer
PERR_WCO03_INVALIDPOINTER	0x06	3	Invalid Pointer
PERR_WCO04_NULLPOINTER	0x07	4	NULL Pointer
PERR_WCO04_INVALIDPOINTER	0x08	4	Invalid Pointer
PERR_WCO05_INVALIDFLAG	0x09	5	Invalid Flag

**HPOINTER APIENTRY WinCreatePointer**(*HWND hwndDesktop, HBITMAP hbmPointer, BOOL fPointer, LONG xHotspot, LONG yHotspot*)

Symbol	Value	Parameter	Problem
PERR_WCP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCP04_XHOTSPOTLTM32768	0x02	4	x Hotspot < -32,768
PERR_WCP04_XHOTSPOTGT32767	0x03	4	x Hotspot > 32,767
PERR_WCP05_YHOTSPOTLTM32768	0x04	5	y Hotspot < -32,768
PERR_WCP05_YHOTSPOTGT32767	0x05	5	y Hotspot > 32,767

**HPOINTER APIENTRY WinCreatePointerIndirect**(*HWND hwndDesktop, PPOINTERINFO pptri*)

Symbol	Value	Parameter	Problem
PERR_WCPI01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WCPI02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WCPI02_INVALIDPOINTER	0x03	2	Invalid Pointer

**HWND APIENTRY WinCreateStdWindow**(*HWND hwndParent, ULONG flStyle, PULONG pflCreateFlags, PSZ pszClientClass, PSZ pszTitle, ULONG styleClient, HMODULE hmod, ULONG idResources, PHWND phwndClient*)

Symbol	Value	Parameter	Problem
PERR_WCSW01_INVALIDPARENTHANDLE	0x01	1	Invalid Parent Handle
PERR_WCSW02_INVALIDFRAMEWINDOWWSANDEFSFLAGS	0x02	2	Invalid Frame Window (WS_* and FS_*) Flags
PERR_WCSW03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WCSW03_INVALIDCREATEFLAGPOINTER	0x04	3	Invalid Create Flag Pointer
PERR_WCSW03_INVALIDFCFFLAGSRESERVEDBITSSET	0x05	3	Invalid FCF_* Flags Reserved Bits Set
PERR_WCSW04_NULLPOINTER	0x06	4	NULL Pointer
PERR_WCSW04_INVALIDPOINTER	0x07	4	Invalid Pointer
PERR_WCSW04_RESERVEDWC0X0BMT0X0FUSED	0x08	4	Reserved WC_* (0x0b -> 0x0f) Used
PERR_WCSW04_RESERVEDWC0X14MG0X1FUSED	0x09	4	Reserved WC_* (0x14 -> 0x1f) Used
PERR_WCSW04_RESERVEDWC0X21MG0X24USED	0x0a	4	Reserved WC_* (0x21 -> 0x24) Used
PERR_WCSW04_RESERVEDWC0X29MG0X3FUSED	0x0b	4	Reserved WC_* (0x29 -> 0x3f) Used
PERR_WCSW04_CLASSNOTREGISTERED	0x0c	4	Class Not Registered
PERR_WCSW05_INVALIDPOINTER	0x0d	5	Invalid Pointer
PERR_WCSW07_INVALIDMODULEHANDLE	0x0e	7	Invalid Module Handle
PERR_WCSW08_IDVALUEGT0XFFFF	0x0f	8	ID Value > 0xffff
PERR_WCSW09_NULLPOINTER	0x10	9	NULL Pointer
PERR_WCSW09_INVALIDPOINTER	0x11	9	Invalid Pointer
PERR_WCSW07_MENURESOURCEMISSING	0x12	7	Menu Resource Missing
PERR_WCSW07_ACCELERATORTABLERESOURCEMISSING	0x13	7	Accelerator Table Resource Missing
PERR_WCSW07_ICONRESOURCEMISSING	0x14	7	Icon Resource Missing
PERR_WCSW07_MENUANDACCELERATORTABLERESOURCESMISSING	0x15	7	Menu and Accelerator Table Resources Missing
PERR_WCSW07_MENUANDICONRESOURCESMISSING	0x16	7	Menu and Icon Resources Missing
PERR_WCSW07_ACCELERATORTABLEANDICONRESOURCESMISSING	0x17	7	Accelerator Table and Icon Resources Missing
PERR_WCSW07_MENUACCELERATORTABLEANDICONMISSING	0x18	7	Menu, Accelerator Table and Icon Missing
PERR_WCSW07_MENURESOURCEINVALID	0x19	7	Menu Resource Invalid
PERR_WCSW07_ACCELERATORTABLERESOURCEINVALID	0x1a	7	Accelerator Table Resource Invalid
PERR_WCSW07_ICONRESOURCEINVALID	0x1b	7	Icon Resource Invalid
PERR_WCSW07_MENUANDACCELERATORTABLERESOURCESINVALID	0x1c	7	Menu and Accelerator Table Resources Invalid
PERR_WCSW07_MENUANDICONRESOURCESINVALID	0x1d	7	Menu and Icon Resources Invalid
PERR_WCSW07_ACCELERATORTABLEANDICONRESOURCESINVALID	0x1e	7	Accelerator Table and Icon Resources Invalid
PERR_WCSW07_MENUACCELERATORTABLEANDICONINVALID	0x1f	7	Menu, Accelerator Table and Icon Invalid

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### HSWITCH APIENTRY WinCreateSwitchEntry(*HAB hab, PSWCNTRL pswctlSwitchData*)

Symbol	Value	Parameter	Problem
PERR_WCSE02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WCSE02_INVALIDPOINTER	0x02	2	Invalid Pointer

### HWND APIENTRY WinCreateWindow(*HWND hwndParent, PSZ pszClass, PSZ pszName, ULONG flStyle, LONG x, LONG y, LONG cx, LONG cy, HWND hwndOwner, HWND hwndInsertBehind, ULONG id, PVOID pCtlData, PVOID pPresParams*)

Symbol	Value	Parameter	Problem
PERR_WCW01_INVALIDPARENTHANDLE	0x01	1	Invalid Parent Handle
PERR_WCW02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WCW02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WCW02_RESERVEDWC0X0BMGT0X0FUSED	0x04	2	Reserved WC_* (0x0b -> 0x0f) Used
PERR_WCW02_RESERVEDWC0X14MGT0X1FUSED	0x05	2	Reserved WC_* (0x14 -> 0x1f) Used
PERR_WCW02_RESERVEDWC0X21MGT0X24USED	0x06	2	Reserved WC_* (0x21 -> 0x24) Used
PERR_WCW02_RESERVEDWC0X29MGT0X28USED	0x07	2	Reserved WC_* (0x29 -> 0x28) Used
PERR_WCW02_RESERVEDWC0X2BMGT0X3FUSED	0x07	2	Reserved WC_* (0x2b -> 0x3f) Used
PERR_WCW02_RESERVEDWC0X42MGT0X4FUSED	0x08	2	Reserved WC_* (0x42 -> 0x4f) Used
PERR_WCW02_CLASSNOTREGISTERED	0x0a	2	Class Not Registered
PERR_WCW03_INVALIDPOINTER	0x0b	3	Invalid Pointer
PERR_WCW05_XLTM32768	0x0c	5	x < -32,768
PERR_WCW05_XGT32767	0x0d	5	x > 32,767
PERR_WCW05_YLTM32768	0x0e	5	y < -32,768
PERR_WCW05_YGT32767	0x0f	5	y > 32,767
PERR_WCW07_CXLT0	0x10	7	cx < 0
PERR_WCW07_CXGT32767	0x11	7	cx > 32,767
PERR_WCW08_CYLT0	0x12	8	cy < 0
PERR_WCW08_CYGT32767	0x13	8	cy > 32,767
PERR_WCW09_INVALIDOWNERHANDLE	0x14	9	Invalid Owner Handle
PERR_WCW10_INVALIDSIBLINGHANDLE	0x15	10	Invalid Sibling Handle
PERR_WCW11_IDVALUEGT0XFFFF	0x16	11	ID Value > 0xffff
PERR_WCW12_INVALIDPOINTER	0x17	12	Invalid Pointer
PERR_WCW13_INVALIDPOINTER	0x18	13	Invalid Pointer
PERR_WCW11_MENURESOURCEMISSING	0x19	11	Menu Resource Missing
PERR_WCW11_ACCELERATORABLERESOURCEMISSING	0x1a	11	Accelerator Table Resource Missing
PERR_WCW11_ICONRESOURCEMISSING	0x1b	11	Icon Resource Missing



Symbol	Value	Parameter	Problem
PERR_WCW11_MENUANDACCELERATORTABLERESOURCESMISSING	0x1c	11	Menu and Accelerator Table Resources Missing
PERR_WCW11_MENUANDICONRESOURCESMISSING	0x1d	11	Menu and Icon Resources Missing
PERR_WCW11_ACCELERATORTABLEANDICONRESOURCESMISSING	0x1e	11	Accelerator Table and Icon Resources Missing
PERR_WCW11_MENUACCELERATORTABLEANDICONMISSING	0x1f	11	Menu, Accelerator Table and Icon Missing
PERR_WCW11_MENURESOURCEINVALID	0x20	11	Menu Resource Invalid
PERR_WCW11_ACCELERATORTABLERESOURCEINVALID	0x21	11	Accelerator Table Resource Invalid
PERR_WCW11_ICONRESOURCEINVALID	0x22	11	Icon Resource Invalid
PERR_WCW11_MENUANDACCELERATORTABLERESOURCESINVALID	0x23	11	Menu and Accelerator Table Resources Invalid
PERR_WCW11_MENUANDICONRESOURCESINVALID	0x24	11	Menu and Icon Resources Invalid
PERR_WCW11_ACCELERATORTABLEANDICONRESOURCESINVALID	0x25	11	Accelerator Table and Icon Resources Invalid
PERR_WCW11_MENUACCELERATORTABLEANDICONINVALID	0x26	11	Menu, Accelerator Table and Icon Invalid

**BOOL APIENTRY WinDdeInitiate**(*HWND hwndClient, PSZ pszAppName, PSZ pszTopicName, PCONVCONTEXT pccxt*)

Symbol	Value	Parameter	Problem
PERR_WDI01_INVALIDHANDLE	0x01	1	Invalid Handle
PERR_WDI02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WDI02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WDI03_NULLPOINTER	0x04	3	NULL Pointer
PERR_WDI03_INVALIDPOINTER	0x05	3	Invalid Pointer
PERR_WDI04_NULLPOINTER	0x06	4	NULL Pointer
PERR_WDI04_INVALIDPOINTER	0x07	4	Invalid Pointer

**BOOL APIENTRY WinDdePostMsg**(*HWND hwndTo, HWND hwndFrom, ULONG wm, PDDESTRUCT pddest, ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_WDPM01_INVALIDTARGETWINDOWHANDLE	0x01	1	Invalid Target Window Handle
PERR_WDPM02_INVALIDSOURCEWINDOWHANDLE	0x02	2	Invalid Source Window Handle
PERR_WDPM03_INVALIDMESSAGE	0x03	3	Invalid Message
PERR_WDPM04_NULLPOINTER	0x04	4	NULL Pointer
PERR_WDPM04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_WDPM05_INVALIDOPTION	0x06	5	Invalid Option

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**MRESULT APIENTRY WinDdeRespond**(*HWND hwndClient, HWND hwndServer, PSZ pszAppName, PSZ pszTopicName, PCONVCONTEXT pctxt*)

Symbol	Value	Parameter	Problem
PERR_WDR01_INVALIDCLIENTWINDOWHANDLE	0x01	1	Invalid Client Window Handle
PERR_WDR02_INVALIDSERVERWINDOWHANDLE	0x02	2	Invalid Server Window Handle
PERR_WDR03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WDR03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WDR04_NULLPOINTER	0x05	4	NULL Pointer
PERR_WDR04_INVALIDPOINTER	0x06	4	Invalid Pointer
PERR_WDR05_NULLPOINTER	0x07	5	NULL Pointer
PERR_WDR05_INVALIDPOINTER	0x08	5	Invalid Pointer

**MRESULT APIENTRY WinDefDlgProc**(*HWND hwndDlg, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WDDP01_INVALIDDIALOGUEWINDOWHANDLE	0x01	1	Invalid Dialogue Window Handle

**MRESULT APIENTRY WinDefFileDlgProc**(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WDFDP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**MRESULT APIENTRY WinDefFontDlgProc**(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WDFDP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**MRESULT APIENTRY WinDefWindowProc**(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WDWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**ATOM APIENTRY WinDeleteAtom**(*HATOMTBL hAtomTbl, ATOM atom*)

No parameter errors defined.

**BOOL APIENTRY WinDeleteLibrary**(*HAB hab, HLIB libhandle*)

No parameter errors defined.

**BOOL APIENTRY WinDeleteProcedure**(*HAB hab, PFNWP wndproc*)

Symbol	Value	Parameter	Problem
PERR_WDP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WDP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY WinDeregisterObjectClass**(*PSZ pszClassName*)

Symbol	Value	Parameter	Problem
PERR_WDOC01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WDOC01_INVALIDPOINTER	0x02	1	Invalid Pointer

**BOOL APIENTRY WinDestroyAccelTable**(*HACCEL haccel*)

No parameter errors defined.

**HATOMTBL APIENTRY WinDestroyAtomTable**(*HATOMTBL hAtomTbl*)

No parameter errors defined.

**BOOL APIENTRY WinDestroyCursor**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WDC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

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### **BOOL APIENTRY WinDestroyHelpInstance**(*HWND hwndHelpInstance*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WDHI01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### **BOOL APIENTRY WinDestroyMsgQueue**(*HMQ hmq*)

No parameter errors defined.

### **BOOL APIENTRY WinDestroyObject**(*HOBJECT hObject*)

No parameter errors defined.

### **BOOL APIENTRY WinDestroyPointer**(*HPOINTER hptr*)

No parameter errors defined.

### **BOOL APIENTRY WinDestroyWindow**(*HWND hwnd*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WDW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### **BOOL APIENTRY WinDismissDlg**(*HWND hwndDlg, ULONG usResult*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WDD01_INVALIDDIALOGUEHANDLE	0x01	1	Invalid Dialogue Handle

### **MRESULT APIENTRY WinDispatchMsg**(*HAB hab, PQMSG pqmsg*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WDM02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WDM02_INVALIDPOINTER	0x02	2	Invalid Pointer

**ULONG APIENTRY WinDlgBox**(*HWND hwndParent, HWND hwndOwner, PFNWP pfnDlgProc, HMODULE hmod, ULONG idDlg, PVOID pCreateParams*)

Symbol	Value	Parameter	Problem
PERR_WDB01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WDB02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WDB03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WDB03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WDB04_INVALIDRESOURCEMODULEHANDLE	0x05	4	Invalid Resource Module Handle
PERR_WDB05_DIALOGUEIDGT65535	0x06	5	Dialogue ID > 65,535
PERR_WDB06_INVALIDPOINTER	0x07	6	Invalid Pointer

**BOOL APIENTRY WinDrawBitmap**(*HPS hpsDst, HBITMAP hbm, PRECTL pwrSrc, PPOINTL pptlDst, LONG clrFore, LONG clrBack, ULONG fl*)

Symbol	Value	Parameter	Problem
PERR_WDB02_INVALIDBITMAP	0x01	2	Invalid Bitmap
PERR_WDB03_INVALIDSOURCERECTPOINTER	0x02	3	Invalid Source Rect Pointer
PERR_WDB03_XLEFTLTM32768	0x03	3	xLeft < -32,768
PERR_WDB03_XLEFTGT32767	0x04	3	xLeft > 32,767
PERR_WDB03_XRIGHTLTM32768	0x05	3	xRight < -32,768
PERR_WDB03_XRIGHTGT32767	0x06	3	xRight > 32,767
PERR_WDB03_YBOTTOMLTM32768	0x07	3	yBottom < -32,768
PERR_WDB03_YBOTTOMGT32767	0x08	3	yBottom > 32,767
PERR_WDB03_YTOPLTM32768	0x09	3	yTop < -32,768
PERR_WDB03_YTOPGT32767	0x0a	3	yTop > 32,767
PERR_WDB03_XRIGHTLTLEFT	0x0b	3	xRight < xLeft
PERR_WDB03_YTOPLYBOTTOM	0x0c	3	yTop < yBottom
PERR_WDB04_NULLPOINTER	0x0d	4	NULL Pointer
PERR_WDB04_INVALIDPOINTER	0x0e	4	Invalid Pointer
PERR_WDB04_XLTM32768	0x0f	4	x < -32,768
PERR_WDB04_XGT32767	0x10	4	x > 32,767
PERR_WDB04_YLTM32768	0x11	4	y < -32,768
PERR_WDB04_YGT32767	0x12	4	y > 32,767
PERR_WDB07_INVALIDFLAG	0x13	7	Invalid Flag

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**BOOL APIENTRY WinDrawBorder**(*HPS hps, PRECTL prcl, LONG cx, LONG cy, LONG clrFore, LONG clrBack, ULONG flCmd*)

Symbol	Value	Parameter	Problem
PERR_WDB02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WDB02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WDB02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WDB02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WDB02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WDB02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WDB02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WDB02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WDB02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WDB02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WDB02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_WDB02_YTOPLTBOTTOM	0x0c	2	yTop < yBottom
PERR_WDB03_BORDERWIDTHLTO	0x0d	3	Border Width < 0
PERR_WDB03_BORDERWIDTHHGT32767	0x0e	3	Border Width > 32,767
PERR_WDB04_BORDERHEIGHTLTO	0x0f	4	Border Height < 0
PERR_WDB04_BORDERHEIGHTGT32767	0x10	4	Border Height > 32,767
PERR_WDB07_INVALIDCMDFLAG	0x11	7	Invalid Cmd Flag

**BOOL APIENTRY WinDrawPointer**(*HPS hps, LONG x, LONG y, HPOINTER hptr, ULONG fs*)

Symbol	Value	Parameter	Problem
PERR_WDP02_XLTM32768	0x01	2	x < -32,768
PERR_WDP02_XGT32767	0x02	2	x > 32,767
PERR_WDP03_YLTM32768	0x03	3	y < -32,768
PERR_WDP03_YGT32767	0x04	3	y > 32,767
PERR_WDP04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_WDP05_INVALIDCONTROLFLAG	0x06	5	Invalid Control Flag

**LONG APIENTRY WinDrawText**(*HPS hps, LONG cchText, PCH lpchText, PRECTL prcl, LONG clrFore, LONG clrBack, ULONG flCmd*)

Symbol	Value	Parameter	Problem
PERR_WDT02_TEXTLENGHTLTM1	0x01	2	Text Length < -1
PERR_WDT03_NULLPOINTER	0x02	3	NULL Pointer
PERR_WDT03_INVALIDPOINTER	0x03	3	Invalid Pointer
PERR_WDT04_NULLPOINTER	0x04	4	NULL Pointer
PERR_WDT04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_WDT04_XLEFTLTM32768	0x06	4	xLeft < -32,768
PERR_WDT04_XLEFTGT32767	0x07	4	xLeft > 32,767
PERR_WDT04_XRIGHTLTM32768	0x08	4	xRight < -32,768
PERR_WDT04_XRIGHTGT32767	0x09	4	xRight > 32,767
PERR_WDT04_YBOTTOMLTM32768	0x0a	4	yBottom < -32,768
PERR_WDT04_YBOTTOMGT32767	0x0b	4	yBottom > 32,767
PERR_WDT04_YTOPLTM32768	0x0c	4	yTop < -32,768
PERR_WDT04_YTOPGT32767	0x0d	4	yTop > 32,767
PERR_WDT04_XRIGHTLTLEFT	0x0e	4	xRight < xLeft
PERR_WDT04_YTOPLTBOTTOM	0x0f	4	yTop < yBottom
PERR_WDT07_INVALIDCOMMAND	0x10	7	Invalid Command

**BOOL APIENTRY WinEmptyClipbrd**(*HAB hab*)

No parameter errors defined.

**BOOL APIENTRY WinEnablePhysInput**(*HWND hwndDesktop, BOOL fEnable*)

Symbol	Value	Parameter	Problem
PERR_WEPI01_INVALIDDESKTOPWINDOW	0x01	1	Invalid Desktop Window

**BOOL APIENTRY WinEnableWindow**(*HWND hwnd, BOOL fEnable*)

Symbol	Value	Parameter	Problem
PERR_WEW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

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### **BOOL APIENTRY WinEnableWindowUpdate**(*HWND hwnd, BOOL fEnable*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WEWU01_INVALIDWINDOW	0x01	1	Invalid Window

### **BOOL APIENTRY WinEndEnumWindows**(*HENUM henum*)

No parameter errors defined.

### **BOOL APIENTRY WinEndPaint**(*HPS hps*)

No parameter errors defined.

### **ULONG APIENTRY WinEnumClipbrdFmts**(*HAB hab, ULONG fmt*)

No parameter errors defined.

### **HWND APIENTRY WinEnumDlgItem**(*HWND hwndDlg, HWND hwnd, ULONG code*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WEDI01_INVALIDDIALOGUEWINDOWHANDLE	0x01	1	Invalid Dialogue Window Handle
PERR_WEDI02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle
PERR_WEDI03_INVALIDITEMTYPECODE	0x03	3	Invalid Item Type Code

### **BOOL APIENTRY WinEnumObjectClasses**(*POBJCLASS pObjClass, PULONG pulSize*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WEOC01_INVALIDPOINTER	0x01	1	Invalid Pointer
PERR_WEOC02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WEOC02_INVALIDPOINTER	0x03	2	Invalid Pointer

### **BOOL APIENTRY WinEqualRect**(*HAB hab, PRECTL prcl1, PRECTL prcl2*)

<b>Symbol</b>	<b>Value</b>	<b>Parameter</b>	<b>Problem</b>
PERR_WER02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WER02_INVALIDPOINTER	0x02	2	Invalid Pointer



Symbol	Value	Parameter	Problem
PERR_WER02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WER02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WER02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WER02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WER02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WER02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WER02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WER02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WER02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_WER02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom
PERR_WER03_NULLPOINTER	0x0d	3	NULL Pointer
PERR_WER03_INVALIDPOINTER	0x0e	3	Invalid Pointer
PERR_WER03_XLEFTLTM32768	0x0f	3	xLeft < -32,768
PERR_WER03_XLEFTGT32767	0x10	3	xLeft > 32,767
PERR_WER03_XRIGHTLTM32768	0x11	3	xRight < -32,768
PERR_WER03_XRIGHTGT32767	0x12	3	xRight > 32,767
PERR_WER03_YBOTTOMLTM32768	0x13	3	yBottom < -32,768
PERR_WER03_YBOTTOMGT32767	0x14	3	yBottom > 32,767
PERR_WER03_YTOPLTM32768	0x15	3	yTop < -32,768
PERR_WER03_YTOPGT32767	0x16	3	yTop > 32,767
PERR_WER03_XRIGHTLTXLEFT	0x17	3	xRight < xLeft
PERR_WER03_YTOPLTYBOTTOM	0x18	3	yTop < yBottom

#### LONG APIENTRY WinExcludeUpdateRegion(*HPS hps, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WEUR02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle

#### HWND APIENTRY WinFileDlg(*HWND hwndP, HWND hwndO, PFILEDLG pfiled*)

Symbol	Value	Parameter	Problem
PERR_WFD01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WFD02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WFD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WFD03_INVALIDPOINTER	0x04	3	Invalid Pointer



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### BOOL APIENTRY WinFillRect(*HPS hps, PRECTL prcl, LONG lColor*)

Symbol	Value	Parameter	Problem
PERR_WFR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WFR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WFR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WFR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WFR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WFR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WFR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WFR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WFR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WFR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WFR02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_WFR02_YTOPLTBOTTOM	0x0c	2	yTop < yBottom

### ATOM APIENTRY WinFindAtom(*HATOMTBL hAtomTbl, PSZ pszAtomName*)

Symbol	Value	Parameter	Problem
PERR_WFA02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WFA02_INVALIDPOINTER	0x02	2	Invalid Pointer

### BOOL APIENTRY WinFlashWindow(*HWND hwndFrame, BOOL fFlash*)

Symbol	Value	Parameter	Problem
PERR_WFW01_INVALIDFRAMEWINDOWHANDLE	0x01	1	Invalid Frame Window Handle

### BOOL APIENTRY WinFocusChange(*HWND hwndDesktop, HWND hwndSetFocus, ULONG flFocusChange*)

Symbol	Value	Parameter	Problem
PERR_WFC01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WFC02_INVALIDFOCUSWINDOWHANDLE	0x02	2	Invalid Focus Window Handle
PERR_WFC03_INVALIDFOCUSCHANGEINDICATOR	0x03	3	Invalid Focus Change Indicator



**HWND APIENTRY WinFontDlg**(HWND *hwndP*, HWND *hwndO*, PFONTDLG *pfntd*)

Symbol	Value	Parameter	Problem
PERR_WFD01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WFD02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WFD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WFD03_INVALIDPOINTER	0x04	3	Invalid Pointer

**BOOL APIENTRY WinFreeErrorInfo**(PERRINFO *perrinfo*)

Symbol	Value	Parameter	Problem
PERR_WFEI01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WFEI01_INVALIDPOINTER	0x02	1	Invalid Pointer

**BOOL APIENTRY WinFreeFileDialogList**(PAPSZ *papszFQFilename*)

Symbol	Value	Parameter	Problem
PERR_WFFDL01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WFFDL01_INVALIDPOINTER	0x02	1	Invalid Pointer

**BOOL APIENTRY WinFreeFileIcon**(HPOINTER *hptr*)

Symbol	Value	Parameter	Problem
PERR_WFFI01_INVALIDPOINTER	0x01	1	Invalid Pointer

**HPS APIENTRY WinGetClipPS**(HWND *hwnd*, HWND *hwndClip*, ULONG *fl*)

Symbol	Value	Parameter	Problem
PERR_WGCPS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WGCPS02_INVALIDCLIPWINDOWHANDLE	0x02	2	Invalid Clip Window Handle
PERR_WGCPS03_INVALIDCLIPPINGCONTROLFLAGS	0x03	3	Invalid Clipping Control Flags



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### ULONG APIENTRY WinGetCurrentTime(*HAB hab*)

No parameter errors defined.

### BOOL APIENTRY WinGetDlgMsg(*HWND hwndDlg, PQMSG pqmsg*)

Symbol	Value	Parameter	Problem
PERR_WGDM01_INVALIDDIALOGUEWINDOWHANDLE	0x01	1	Invalid Dialogue Window Handle
PERR_WGDM02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WGDM02_INVALIDPOINTER	0x03	2	Invalid Pointer

### PERRINFO APIENTRY WinGetErrorInfo(*HAB hab*)

No parameter errors defined.

### LONG APIENTRY WinGetKeyState(*HWND hwndDesktop, LONG vkey*)

Symbol	Value	Parameter	Problem
PERR_WGKS01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WGKS02_INVALIDVIRTUALKEY	0x02	2	Invalid Virtual Key

### ERRORID APIENTRY WinGetLastError(*HAB hab*)

No parameter errors defined.

### BOOL APIENTRY WinGetMaxPosition(*HWND hwnd, PSWP pswp*)

Symbol	Value	Parameter	Problem
PERR_WGMP01_INVALIDFRAMEWINDOWHANDLE	0x01	1	Invalid Frame Window Handle
PERR_WGMP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WGMP02_INVALIDPOINTER	0x03	2	Invalid Pointer

### BOOL APIENTRY WinGetMinPosition(*HWND hwnd, PSWP pswp, PPOINTL pptl*)

Symbol	Value	Parameter	Problem
PERR_WGMP01_INVALIDFRAMEWINDOWHANDLE	0x01	1	Invalid Frame Window Handle

Symbol	Value	Parameter	Problem
PERR_WGMP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WGMP02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WGMP03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WGMP03_XLTM32768	0x05	3	x < -32,768
PERR_WGMP03_XGT32767	0x06	3	x > 32,767
PERR_WGMP03_YLTM32768	0x07	3	y < -32,768
PERR_WGMP03_YGT32767	0x08	3	y > 32,767

**BOOL APIENTRY WinGetMsg**(*HAB hab, PQMSG pqmsg, HWND hwndFilter, ULONG msgFilterFirst, ULONG msgFilterLast*)

Symbol	Value	Parameter	Problem
PERR_WGM02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WGM02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WGM03_INVALIDFILTERWINDOWHANDLE	0x03	3	Invalid Filter Window Handle

**HWND APIENTRY WinGetNextWindow**(*HENUM henum*)

No parameter errors defined.

**HPS APIENTRY WinGetPS**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WGPS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**LONG APIENTRY WinGetPhysKeyState**(*HWND hwndDesktop, LONG sc*)

Symbol	Value	Parameter	Problem
PERR_WGPKS01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle

**HPS APIENTRY WinGetScreenPS**(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WGSPS01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle

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### HBITMAP APIENTRY WinGetSysBitmap(*HWND hwndDesktop, ULONG ibm*)

Symbol	Value	Parameter	Problem
PERR_WGSB01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WGSB02_INVALIDSYSTEMBITMAPID	0x02	2	Invalid System Bitmap ID

### BOOL APIENTRY WinInSendMessage(*HAB hab*)

No parameter errors defined.

### BOOL APIENTRY WinInflateRect(*HAB hab, PRECTL prcl, LONG cx, LONG cy*)

Symbol	Value	Parameter	Problem
PERR_WIR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WIR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WIR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WIR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WIR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WIR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WIR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WIR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WIR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WIR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WIR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_WIR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

### HAB APIENTRY WinInitialize(*ULONG flOptions*)

Symbol	Value	Parameter	Problem
PERR_WI01_INVALIDOPTION	0x01	1	Invalid Option

### BOOL APIENTRY WinIntersectRect(*HAB hab, PRECTL prclDst, PRECTL prclSrc1, PRECTL prclSrc2*)

Symbol	Value	Parameter	Problem
PERR_WIR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WIR02_INVALIDPOINTER	0x02	2	Invalid Pointer

Symbol	Value	Parameter	Problem
PERR_WIR03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WIR03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WIR03_XLEFTLTM32768	0x05	3	xLeft < -32,768
PERR_WIR03_XLEFTGT32767	0x06	3	xLeft > 32,767
PERR_WIR03_XRIGHTLTM32768	0x07	3	xRight < -32,768
PERR_WIR03_XRIGHTGT32767	0x08	3	xRight > 32,767
PERR_WIR03_YBOTTOMLTM32768	0x09	3	yBottom < -32,768
PERR_WIR03_YBOTTOMGT32767	0x0a	3	yBottom > 32,767
PERR_WIR03_YTOPLTM32768	0x0b	3	yTop < -32,768
PERR_WIR03_YTOPGT32767	0x0c	3	yTop > 32,767
PERR_WIR03_XRIGHTLTXLEFT	0x0d	3	xRight < xLeft
PERR_WIR03_YTOPLTYBOTTOM	0x0e	3	yTop < yBottom
PERR_WIR04_NULLPOINTER	0x0f	4	NULL Pointer
PERR_WIR04_INVALIDPOINTER	0x10	4	Invalid Pointer
PERR_WIR04_XLEFTLTM32768	0x11	4	xLeft < -32,768
PERR_WIR04_XLEFTGT32767	0x12	4	xLeft > 32,767
PERR_WIR04_XRIGHTLTM32768	0x13	4	xRight < -32,768
PERR_WIR04_XRIGHTGT32767	0x14	4	xRight > 32,767
PERR_WIR04_YBOTTOMLTM32768	0x15	4	yBottom < -32,768
PERR_WIR04_YBOTTOMGT32767	0x16	4	yBottom > 32,767
PERR_WIR04_YTOPLTM32768	0x17	4	yTop < -32,768
PERR_WIR04_YTOPGT32767	0x18	4	yTop > 32,767
PERR_WIR04_XRIGHTLTXLEFT	0x19	4	xRight < xLeft
PERR_WIR04_YTOPLTYBOTTOM	0x1a	4	yTop < yBottom

**BOOL APIENTRY WinInvalidateRect**(*HWND hwnd*, *PRECTL pwr*, *BOOL fIncludeChildren*)

Symbol	Value	Parameter	Problem
PERR_WIR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WIR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WIR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WIR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WIR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WIR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WIR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WIR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WIR02_YTOPLTM32768	0x09	2	yTop < -32,768



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Symbol	Value	Parameter	Problem
PERR_WIR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WIR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_WIR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY WinInvalidateRegion**(*HWND hwnd*, *HRGN hrgn*, *BOOL fIncludeChildren*)

Symbol	Value	Parameter	Problem
PERR_WIR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinInvertRect**(*HPS hps*, *PRECTL prcl*)

Symbol	Value	Parameter	Problem
PERR_WIR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WIR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WIR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WIR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WIR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WIR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WIR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WIR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WIR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WIR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WIR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_WIR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY WinIsChild**(*HWND hwnd*, *HWND hwndParent*)

Symbol	Value	Parameter	Problem
PERR_WIC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WIC02_INVALIDPARENTWINDOWHANDLE	0x02	2	Invalid Parent Window Handle





**BOOL APIENTRY WinIsPhysInputEnabled**(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WIPIE01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinIsRectEmpty**(*HAB hab, PRECTL prcl*)

Symbol	Value	Parameter	Problem
PERR_WIRE02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WIRE02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WIRE02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WIRE02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WIRE02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WIRE02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WIRE02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WIRE02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WIRE02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WIRE02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WIRE02_XRIGHTLTLEFT	0x0b	2	xRight < xLeft
PERR_WIRE02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY WinIsThreadActive**(*HAB hab*)

No parameter errors defined.

**BOOL APIENTRY WinIsWindow**(*HAB hab, HWND hwnd*)

No parameter errors defined.

**BOOL APIENTRY WinIsWindowEnabled**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WIWE01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

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### BOOL APIENTRY WinIsWindowShowing(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WIWS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### BOOL APIENTRY WinIsWindowVisible(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WIWW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### HACCEL APIENTRY WinLoadAccelTable(*HAB hab, HMODULE hmod, ULONG idAccelTable*)

Symbol	Value	Parameter	Problem
PERR_WLAT02_INVALIDMODULEHANDLE	0x01	2	Invalid Module Handle
PERR_WLAT03_ACCELERATORIDGT65535	0x02	3	Accelerator ID > 65,535

### HWND APIENTRY WinLoadDlg(*HWND hwndParent, HWND hwndOwner, PFNWP pfnDlgProc, HMODULE hmod, ULONG idDlg, PVOID pCreateParams*)

Symbol	Value	Parameter	Problem
PERR_WLD01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WLD02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WLD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WLD03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WLD04_INVALIDMODULEHANDLE	0x05	4	Invalid Module Handle
PERR_WLD05_DIALOGUEIDGT65535	0x06	5	Dialogue ID > 65,535
PERR_WLD06_INVALIDPOINTER	0x07	6	Invalid Pointer

### HPOINTER APIENTRY WinLoadFileIcon(*PSZ pszFileName, BOOL fPrivate*)

Symbol	Value	Parameter	Problem
PERR_WLFI01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WLFI01_INVALIDPOINTER	0x02	1	Invalid Pointer

**BOOL APIENTRY WinLoadHelpTable**(*HWND hwndHelpInstance, ULONG idHelpTable, HMODULE Module*)

Symbol	Value	Parameter	Problem
PERR_WLHT01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WLHT02_HELPTABLEIDGT65535	0x02	2	Help Table ID > 65,535
PERR_WLHT03_INVALIDRESOURCEMODULEHANDLE	0x03	3	Invalid Resource Module Handle

**HLIB APIENTRY WinLoadLibrary**(*HAB hab, PSZ libname*)

Symbol	Value	Parameter	Problem
PERR_WLL02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WLL02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HWND APIENTRY WinLoadMenu**(*HWND hwndFrame, HMODULE hmod, ULONG idMenu*)

Symbol	Value	Parameter	Problem
PERR_WLM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WLM02_INVALIDMODULEHANDLE	0x02	2	Invalid Module Handle
PERR_WLM03_MENUIDGT65535	0x03	3	Menu ID > 65,535

**LONG APIENTRY WinLoadMessage**(*HAB hab, HMODULE hmod, ULONG id, LONG cchMax, PSZ pchBuffer*)

Symbol	Value	Parameter	Problem
PERR_WLM02_INVALIDRESOURCEMODULEHANDLE	0x01	2	Invalid Resource Module Handle
PERR_WLM03_MESSAGEIDGT65535	0x02	3	Message ID > 65,535
PERR_WLM04_BUFFERLENGTHLTO	0x03	4	Buffer Length < 0
PERR_WLM05_NULLPOINTER	0x04	5	NULL Pointer
PERR_WLM05_INVALIDPOINTER	0x05	5	Invalid Pointer

**HPOINTER APIENTRY WinLoadPointer**(*HWND hwndDesktop, HMODULE hmod, ULONG idres*)

Symbol	Value	Parameter	Problem
PERR_WLP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WLP02_INVALIDMODULEHANDLE	0x02	2	Invalid Module Handle

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Symbol	Value	Parameter	Problem
PERR_WLP03_POINTERIDGT65535	0x03	3	Pointer ID > 65,535

**PFNWP APIENTRY WinLoadProcedure**(*HAB hab, HLIB libhandle, PSZ procname*)

Symbol	Value	Parameter	Problem
PERR_WLP03_NULLPOINTER	0x01	3	NULL Pointer
PERR_WLP03_INVALIDPOINTER	0x02	3	Invalid Pointer

**LONG APIENTRY WinLoadString**(*HAB hab, HMODULE hmod, ULONG id, LONG cchMax, PSZ pchBuffer*)

Symbol	Value	Parameter	Problem
PERR_WLS02_INVALIDMODULEHANDLE	0x01	2	Invalid Module Handle
PERR_WLS03_MESSAGEIDGT65535	0x02	3	Message ID > 65,535
PERR_WLS04_BUFFERLENGTHLT0	0x03	4	Buffer Length < 0
PERR_WLS05_NULLPOINTER	0x04	5	NULL Pointer
PERR_WLS05_INVALIDPOINTER	0x05	5	Invalid Pointer

**BOOL APIENTRY WinLockVisRegions**(*HWND hwndDesktop, BOOL fLock*)

Symbol	Value	Parameter	Problem
PERR_WLVR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinLockWindowUpdate**(*HWND hwndDesktop, HWND hwndLockUpdate*)

Symbol	Value	Parameter	Problem
PERR_WLWU01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WLWU02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle

**BOOL APIENTRY WinMakePoints**(*HAB hab, PPOINTL pwpt, ULONG cwpt*)

Symbol	Value	Parameter	Problem
PERR_WMP02_NULLPOINTER	0x01	2	NULL Pointer



Symbol	Value	Parameter	Problem
PERR_WMP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY WinMakeRect**(*HAB hab, PRECTL pwrc*)

Symbol	Value	Parameter	Problem
PERR_WMR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WMR02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY WinMapDlgPoints**(*HWND hwndDlg, PPOINTL prgpptl, ULONG cwpt, BOOL fCalcWindowCoords*)

Symbol	Value	Parameter	Problem
PERR_WMDP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WMDP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WMDP02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WMDP02_XLTM32768	0x04	2	x < -32,768
PERR_WMDP02_XGT32767	0x05	2	x > 32,767
PERR_WMDP02_YLTM32768	0x06	2	y < -32,768
PERR_WMDP02_YGT32767	0x07	2	y > 32,767

**BOOL APIENTRY WinMapWindowPoints**(*HWND hwndFrom, HWND hwndTo, PPOINTL prgpptl, LONG cwpt*)

Symbol	Value	Parameter	Problem
PERR_WMWP01_INVALIDSOURCEWINDOWHANDLE	0x01	1	Invalid Source Window Handle
PERR_WMWP02_INVALIDTARGETWINDOWHANDLE	0x02	2	Invalid Target Window Handle
PERR_WMWP03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WMWP03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WMWP03_XLTM32768	0x05	3	x < -32,768
PERR_WMWP03_XGT32767	0x06	3	x > 32,767
PERR_WMWP03_YLTM32768	0x07	3	y < -32,768
PERR_WMWP03_YGT32767	0x08	3	y > 32,767
PERR_WMWP04_COUNTLT0	0x09	4	Count < 0

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**ULONG APIENTRY WinMessageBox**(*HWND hwndParent, HWND hwndOwner, PSZ pszText, PSZ pszCaption, ULONG idWindow, ULONG flStyle*)

Symbol	Value	Parameter	Problem
PERR_WMB01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WMB02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WMB03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WMB03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WMB04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_WMB05_WINDOWIDGT65535	0x06	5	Window ID >65535
PERR_WMB06_INVALIDFLAG	0x07	6	Invalid Flag

**LONG APIENTRY WinMultWindowFromIDs**(*HWND hwndParent, PHWND prghwnd, ULONG idFirst, ULONG idLast*)

Symbol	Value	Parameter	Problem
PERR_WMWFID01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WMWFID02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WMWFID02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WMWFID03_FIRSTIDGT65535	0x03	3	First ID > 65,535
PERR_WMWFID04_LASTIDGT65535	0x04	4	Last ID > 65,535

**PSZ APIENTRY WinNextChar**(*HAB hab, ULONG idcp, ULONG idcc, PSZ psz*)

Symbol	Value	Parameter	Problem
PERR_WNC02_INVALIDCODEPAGEID	0x01	2	Invalid Code Page ID
PERR_WNC03_INVALIDCOUNTRYCODEID	0x02	3	Invalid Country Code ID
PERR_WNC04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WNC04_INVALIDPOINTER	0x04	4	Invalid Pointer

**BOOL APIENTRY WinOffsetRect**(*HAB hab, PRECTL prcl, LONG cx, LONG cy*)

Symbol	Value	Parameter	Problem
PERR_WOR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WOR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WOR02_XLEFTLTM32768	0x03	2	xLeft < -32,768



Symbol	Value	Parameter	Problem
PERR_WOR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WOR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WOR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WOR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WOR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WOR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WOR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WOR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_WOR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom

**BOOL APIENTRY WinOpenClipbrd**(*HAB hab*)

No parameter errors defined.

**HDC APIENTRY WinOpenWindowDC**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WOWDC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinPeekMsg**(*HAB hab, PQMSG pqmsg, HWND hwndFilter, ULONG msgFilterFirst, ULONG msgFilterLast, ULONG fl*)

Symbol	Value	Parameter	Problem
PERR_WPM02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WPM02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WPM03_INVALIDWINDOWHANDLE	0x03	3	Invalid Window Handle
PERR_WPM06_INVALIDOPTION	0x04	6	Invalid Option

**BOOL APIENTRY WinPopupMenu**(*HWND hwndParent, HWND hwndOwner, HWND hwndMenu, LONG x, LONG y, LONG idItem, ULONG fs*)

Symbol	Value	Parameter	Problem
PERR_WPM01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WPM02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle



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Symbol	Value	Parameter	Problem
PERR_WPM03_INVALIDMENUWINDOWHANDLE	0x03	3	Invalid Menu Window Handle
PERR_WPM04_MENUIDGT65535	0x04	4	Menu ID > 65,535
PERR_WPM05_INVALIDOPTIONS	0x05	5	Invalid Options

**BOOL APIENTRY WinPostMsg**(*HWND hwnd*, *ULONG msg*, *MPARAM mp1*, *MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WPM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinPostQueueMsg**(*HMQ hmq*, *ULONG msg*, *MPARAM mp1*, *MPARAM mp2*)

No parameter errors defined.

**PSZ APIENTRY WinPrevChar**(*HAB hab*, *ULONG idcp*, *ULONG idcc*, *PSZ pszStart*, *PSZ psz*)

Symbol	Value	Parameter	Problem
PERR_WPC02_INVALIDCODEPAGEID	0x01	2	Invalid Code Page ID
PERR_WPC03_INVALIDCOUNTRYCODEID	0x02	3	Invalid Country Code ID
PERR_WPC04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WPC04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_WPC05_NULLPOINTER	0x05	5	NULL Pointer
PERR_WPC05_INVALIDPOINTER	0x06	5	Invalid Pointer

**ULONG APIENTRY WinProcessDlg**(*HWND hwndDlg*)

Symbol	Value	Parameter	Problem
PERR_WPD01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinPtInRect**(*HAB hab*, *PRECTL prcl*, *PPOINTL pptl*)

Symbol	Value	Parameter	Problem
PERR_WPIR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WPIR02_INVALIDPOINTER	0x02	2	Invalid Pointer





Symbol	Value	Parameter	Problem
PERR_WPIR02_XLEFTLTM32768	0x03	2	xLeft < -32,768
PERR_WPIR02_XLEFTGT32767	0x04	2	xLeft > 32,767
PERR_WPIR02_XRIGHTLTM32768	0x05	2	xRight < -32,768
PERR_WPIR02_XRIGHTGT32767	0x06	2	xRight > 32,767
PERR_WPIR02_YBOTTOMLTM32768	0x07	2	yBottom < -32,768
PERR_WPIR02_YBOTTOMGT32767	0x08	2	yBottom > 32,767
PERR_WPIR02_YTOPLTM32768	0x09	2	yTop < -32,768
PERR_WPIR02_YTOPGT32767	0x0a	2	yTop > 32,767
PERR_WPIR02_XRIGHTLTXLEFT	0x0b	2	xRight < xLeft
PERR_WPIR02_YTOPLTYBOTTOM	0x0c	2	yTop < yBottom
PERR_WPIR03_NULLPOINTER	0x0d	3	NULL Pointer
PERR_WPIR03_INVALIDPOINTER	0x0e	3	Invalid Pointer
PERR_WPIR03_XLTM32768	0x0f	3	x < -32,768
PERR_WPIR03_XGT32767	0x10	3	x > 32,767
PERR_WPIR03_YLTM32768	0x11	3	y < -32,768
PERR_WPIR03_YGT32767	0x12	3	y > 32,767

#### HACCEL APIENTRY WinQueryAccelTable(*HAB hab, HWND hwndFrame*)

Symbol	Value	Parameter	Problem
PERR_WQAT02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle

#### HWND APIENTRY WinQueryActiveWindow(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQAW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

#### HAB APIENTRY WinQueryAnchorBlock(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WQAB01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle



## 166 Parameter Error Reference

**ULONG APIENTRY WinQueryAtomLength**(*HATOMTBL hAtomTbl, ATOM atom*)

No parameter errors defined.

**ULONG APIENTRY WinQueryAtomName**(*HATOMTBL hAtomTbl, ATOM atom, PSZ pchBuffer, ULONG cchBufferMax*)

Symbol	Value	Parameter	Problem
PERR_WQAN03_NULLPOINTER	0x01	3	NULL Pointer
PERR_WQAN03_INVALIDPOINTER	0x02	3	Invalid Pointer

**ULONG APIENTRY WinQueryAtomUsage**(*HATOMTBL hAtomTbl, ATOM atom*)

No parameter errors defined.

**HWND APIENTRY WinQueryCapture**(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinQueryClassInfo**(*HAB hab, PSZ pszClassName, PCLASSINFO pClassInfo*)

Symbol	Value	Parameter	Problem
PERR_WQCI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQCI02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WQCI03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WQCI03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WQCI03_INVALIDCLASSNAME	0x05	3	Invalid Classname

**LONG APIENTRY WinQueryClassName**(*HWND hwnd, LONG cchMax, PCH pch*)

Symbol	Value	Parameter	Problem
PERR_WQCN01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQCN02_BUFFERLENGTHLTO	0x02	2	Buffer Length < 0
PERR_WQCN03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WQCN03_INVALIDPOINTER	0x04	3	Invalid Pointer



**PFN APIENTRY WinQueryClassThunkProc**(*PSZ pszClassname*)

Symbol	Value	Parameter	Problem
PERR_WQCTP01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WQCTP01_INVALIDPOINTER	0x02	1	Invalid Pointer

**ULONG APIENTRY WinQueryClipbrdData**(*HAB hab, ULONG fmt*)

No parameter errors defined.

**BOOL APIENTRY WinQueryClipbrdFmtInfo**(*HAB hab, ULONG fmt, PULONG prgfFmtInfo*)

Symbol	Value	Parameter	Problem
PERR_WQCFI03_NULLPOINTER	0x01	3	NULL Pointer
PERR_WQCFI03_INVALIDPOINTER	0x02	3	Invalid Pointer

**HWND APIENTRY WinQueryClipbrdOwner**(*HAB hab*)

No parameter errors defined.

**HWND APIENTRY WinQueryClipbrdViewer**(*HAB hab*)

No parameter errors defined.

**ULONG APIENTRY WinQueryCp**(*HMQ hmq*)

No parameter errors defined.

**ULONG APIENTRY WinQueryCpList**(*HAB hab, ULONG ccpMax, PULONG prgcp*)

Symbol	Value	Parameter	Problem
PERR_WQCL03_NULLPOINTER	0x01	3	NULL Pointer
PERR_WQCL03_INVALIDPOINTER	0x02	3	Invalid Pointer
PERR_WQCL03_BUFFERTOOSMALL	0x03	3	Buffer Too Small

## 168 Parameter Error Reference

### BOOL APIENTRY WinQueryCursorInfo(*HWND hwndDesktop, PCURSORINFO pCursorInfo*)

Symbol	Value	Parameter	Problem
PERR_WQCI01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQCI02_NULLCURSORINFOPOINTER	0x02	2	NULL Cursor Info Pointer
PERR_WQCI02_INVALIDCURSORINFOPOINTER	0x03	2	Invalid Cursor Info Pointer

### BOOL APIENTRY WinQueryDesktopBkgnd(*HWND hwndDesktop, PDESKTOP pdsk*)

Symbol	Value	Parameter	Problem
PERR_WQDB01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQDB02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WQDB02_INVALIDPOINTER	0x03	2	Invalid Pointer

### HWND APIENTRY WinQueryDesktopWindow(*HAB hab, HDC hdc*)

No parameter errors defined.

### BOOL APIENTRY WinQueryDlgItemShort(*HWND hwndDlg, ULONG idItem, PSHORT pResult, BOOL fSigned*)

Symbol	Value	Parameter	Problem
PERR_WQDIS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQDIS01_ITEMIDGT65535	0x02	1	Item ID > 65,535
PERR_WQDIS02_ITEMDOESNOTEXIST	0x03	2	Item Does Not Exist
PERR_WQDIS03_NULLPOINTER	0x04	3	NULL Pointer
PERR_WQDIS03_INVALIDPOINTER	0x05	3	Invalid Pointer

### ULONG APIENTRY WinQueryDlgItemText(*HWND hwndDlg, ULONG idItem, LONG cchBufferMax, PSZ pchBuffer*)

Symbol	Value	Parameter	Problem
PERR_WQDIT01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQDIT02_ITEMIDGT65535	0x02	2	Item ID > 65,535
PERR_WQDIT02_ITEMDOESNOTEXIST	0x03	2	Item Does Not Exist
PERR_WQDIT03_BUFFERSIZELT0	0x04	3	Buffer Size < 0
PERR_WQDIT04_NULLPOINTER	0x05	4	NULL Pointer



Symbol	Value	Parameter	Problem
PERR_WQDIT04_INVALIDPOINTER	0x06	4	Invalid Pointer

**LONG APIENTRY WinQueryDlgItemTextLength**(*HWND hwndDlg, ULONG idItem*)

Symbol	Value	Parameter	Problem
PERR_WQDITL01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQDITL02_ITEMIDGT65535	0x02	2	Item ID > 65,535
PERR_WQDITL02_ITEMDOESNOTEXIST	0x03	2	Item Does Not Exist

**HWND APIENTRY WinQueryFocus**(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQF01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**HWND APIENTRY WinQueryHelpInstance**(*HWND hwndApp*)

Symbol	Value	Parameter	Problem
PERR_WQHI01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinQueryMsgPos**(*HAB hab, PPOINTL pptl*)

Symbol	Value	Parameter	Problem
PERR_WQMP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQMP02_INVALIDPOINTER	0x02	2	Invalid Pointer

**ULONG APIENTRY WinQueryMsgTime**(*HAB hab*)

No parameter errors defined.



## 170 Parameter Error Reference

### HOBJECT APIENTRY WinQueryObject(*PSZ pszObjectID*)

Symbol	Value	Parameter	Problem
PERR_WQO01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WQO01_INVALIDPOINTER	0x02	1	Invalid Pointer

### HWND APIENTRY WinQueryObjectWindow(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQOW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### HPOINTER APIENTRY WinQueryPointer(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### BOOL APIENTRY WinQueryPointerInfo(*HPOINTER hptr, PPOINTERINFO pPointerInfo*)

Symbol	Value	Parameter	Problem
PERR_WQPI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQPI02_INVALIDPOINTER	0x02	2	Invalid Pointer

### BOOL APIENTRY WinQueryPointerPos(*HWND hwndDesktop, PPOINTL pptl*)

Symbol	Value	Parameter	Problem
PERR_WQPP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQPP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WQPP02_INVALIDPOINTER	0x03	2	Invalid Pointer

**ULONG APIENTRY WinQueryPresParam**(*HWND hwnd, ULONG id1, ULONG id2, PULONG pulId, ULONG cbBuf, PVOID pbBuf, ULONG fs*)

Symbol	Value	Parameter	Problem
PERR_WQPP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQPP02_INVALIDPRESENTATIONPARAMETERID1	0x02	2	Invalid Presentation Parameter ID 1
PERR_WQPP03_INVALIDPRESENTATIONPARAMETERID2	0x03	3	Invalid Presentation Parameter ID 2
PERR_WQPP04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_WQPP06_NULLPOINTER	0x05	6	NULL Pointer
PERR_WQPP06_INVALIDPOINTER	0x06	6	Invalid Pointer
PERR_WQPP06_INVALIDOPTION	0x07	6	Invalid Option

**BOOL APIENTRY WinQueryQueueInfo**(*HMQ hmq, PMQINFO pmqi, ULONG cbCopy*)

Symbol	Value	Parameter	Problem
PERR_WQQI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQQI02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WQQI02_BUFFERTOOSMALL	0x02	2	Buffer Too Small

**ULONG APIENTRY WinQueryQueueStatus**(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQSQ01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**ULONG APIENTRY WinQuerySessionTitle**(*HAB hab, ULONG usSession, PSZ pszTitle, ULONG usTitleLen*)

Symbol	Value	Parameter	Problem
PERR_WQST02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQST02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WQST02_BUFFERTOOSMALL	0x03	2	Buffer Too Small

## 172 Parameter Error Reference

**ULONG APIENTRY WinQuerySwitchEntry**(*HSWITCH hswitchSwitch, PSWCNTRL pswctlSwitchData*)

Symbol	Value	Parameter	Problem
PERR_WQSE02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQSE02_INVALIDPOINTER	0x02	2	Invalid Pointer

**HSWITCH APIENTRY WinQuerySwitchHandle**(*HWND hwnd, PID pidProcess*)

Symbol	Value	Parameter	Problem
PERR_WQSH01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**ULONG APIENTRY WinQuerySwitchList**(*HAB hab, PSWBLOCK pswblkSwitchEntries, ULONG usDataLength*)

Symbol	Value	Parameter	Problem
PERR_WQSL02_INVALIDPOINTER	0x01	2	Invalid Pointer
PERR_WQSL02_BUFFERTOOSMALL	0x02	2	Buffer Too Small

**LONG APIENTRY WinQuerySysColor**(*HWND hwndDesktop, LONG clr, LONG lReserved*)

Symbol	Value	Parameter	Problem
PERR_WQSC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQSC02_INVALIDSYSINDEX	0x02	2	Invalid SysColor Index
PERR_WQSC03_RESERVEDVALUEEQ0	0x03	3	Reserved Value ≠ 0

**HWND APIENTRY WinQuerySysModalWindow**(*HWND hwndDesktop*)

Symbol	Value	Parameter	Problem
PERR_WQSMW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**HPOINTER APIENTRY WinQuerySysPointer**(*HWND hwndDesktop, LONG iptr, BOOL fLoad*)

Symbol	Value	Parameter	Problem
PERR_WQSP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle





Symbol	Value	Parameter	Problem
PERR_WQSP02_INVALIDPOINTERINDEX	0x02	2	Invalid Pointer Index

**LONG APIENTRY WinQuerySysValue**(*HWND hwndDesktop, LONG iSysValue*)

Symbol	Value	Parameter	Problem
PERR_WQSV01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQSV02_INVALIDSYSTEMVALUEINDEX	0x02	2	Invalid System Value Index

**HATOMTBL APIENTRY WinQuerySystemAtomTable**(*VOID*)

No parameter errors defined.

**ULONG APIENTRY WinQueryTaskSizePos**(*HAB hab, ULONG usScreenGroup, PSWP pswpPositionData*)

Symbol	Value	Parameter	Problem
PERR_WQTSP03_NULLPOINTER	0x01	3	NULL Pointer
PERR_WQTSP03_INVALIDPOINTER	0x02	3	Invalid Pointer

**ULONG APIENTRY WinQueryTaskTitle**(*ULONG usSession, PSZ pszTitle, ULONG usTitlelen*)

Symbol	Value	Parameter	Problem
PERR_WQTT02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WQTT02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WQTT03_BUFFERTOOSMALL	0x03	3	Buffer Too Small

**BOOL APIENTRY WinQueryUpdateRect**(*HWND hwnd, PRECTL prcl*)

Symbol	Value	Parameter	Problem
PERR_WQUR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQUR02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WQUR02_INVALIDPOINTER	0x03	2	Invalid Pointer



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### LONG APIENTRY WinQueryUpdateRegion(*HWND hwnd, HRGN hrgn*)

Symbol	Value	Parameter	Problem
PERR_WQUR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### ULONG APIENTRY WinQueryVersion(*HAB hab*)

No parameter errors defined.

### HWND APIENTRY WinQueryWindow(*HWND hwnd, LONG cmd*)

Symbol	Value	Parameter	Problem
PERR_WQW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQW02_INVALIDCODE	0x02	2	Invalid Code

### HDC APIENTRY WinQueryWindowDC(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WQWDC01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### LONG APIENTRY WinQueryWindowModel(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WQWM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### BOOL APIENTRY WinQueryWindowPos(*HWND hwnd, PSWP pswp*)

Symbol	Value	Parameter	Problem
PERR_WQWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQWP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WQWP02_INVALIDPOINTER	0x03	2	Invalid Pointer



**BOOL APIENTRY WinQueryWindowProcess**(*HWND hwnd, PPID ppid, PTID ptid*)

Symbol	Value	Parameter	Problem
PERR_WQWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQWP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WQWP02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WQWP03_NULLPOINTER	0x04	3	NULL Pointer
PERR_WQWP03_INVALIDPOINTER	0x05	3	Invalid Pointer

**PVOID APIENTRY WinQueryWindowPtr**(*HWND hwnd, LONG index*)

Symbol	Value	Parameter	Problem
PERR_WQWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinQueryWindowRect**(*HWND hwnd, PRECTL prclDest*)

Symbol	Value	Parameter	Problem
PERR_WQWR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQWR02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WQWR02_INVALIDPOINTER	0x03	2	Invalid Pointer

**LONG APIENTRY WinQueryWindowText**(*HWND hwnd, LONG cchBufferMax, PCH pchBuffer*)

Symbol	Value	Parameter	Problem
PERR_WQWT01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQWT02_BUFFERCOUNTLT0	0x02	2	Buffer Count < 0
PERR_WQWT03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WQWT03_INVALIDPOINTER	0x04	3	Invalid Pointer

**LONG APIENTRY WinQueryWindowTextLength**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WQWTL01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle



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### PFN APIENTRY WinQueryWindowThunkProc(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WQWTP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### ULONG APIENTRY WinQueryWindowULong(*HWND hwnd, LONG index*)

Symbol	Value	Parameter	Problem
PERR_WQWUL01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### USHORT APIENTRY WinQueryWindowUShort(*HWND hwnd, LONG index*)

Symbol	Value	Parameter	Problem
PERR_WQWUS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### LONG APIENTRY WinRealizePalette(*HWND hwnd, HPS hps, PULONG pcclr*)

Symbol	Value	Parameter	Problem
PERR_WRP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WRP03_NULLPOINTER	0x02	3	NULL Pointer
PERR_WRP03_INVALIDPOINTER	0x03	3	Invalid Pointer

### BOOL APIENTRY WinRegisterClass(*HAB hab, PSZ pszClassName, PFNWP pfnWndProc, ULONG flStyle, ULONG cbWindowData*)

Symbol	Value	Parameter	Problem
PERR_WRC02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WRC02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WRC02_CANNOTUSEPUBLICCLASSASPRIVATECLASS	0x03	2	Cannot use public class as private class
PERR_WRC02_RESERVEDWC0X0BMGT0X0FUSED	0x04	2	Reserved WC_* (0x0b -> 0x0f) Used
PERR_WRC02_RESERVEDWC0X14MGT0X1FUSED	0x05	2	Reserved WC_* (0x14 -> 0x1f) Used
PERR_WRC02_RESERVEDWC0X21MGT0X24USED	0x06	2	Reserved WC_* (0x21 -> 0x24) Used
PERR_WRC02_RESERVEDWC0X29MGT0X3FUSED	0x07	2	Reserved WC_* (0x29 -> 0x3f) Used
PERR_WRC02_RESERVEDWC0X3FMGT0X3FUSED	0x07	2	Reserved WC_* (0x3f -> 0x3f) Used



Symbol	Value	Parameter	Problem
PERR_WRC02_CLASSNOTREGISTERED	0x08	2	Class Not Registered
PERR_WRC03_INVALIDPOINTER	0x09	3	Invalid Pointer
PERR_WRC04_INVALIDCLASSTYLEFLAGS	0x0a	4	Invalid Class Style Flags

**BOOL APIENTRY WinRegisterObjectClass**(*PSZ pszClassName, PSZ pszModName*)

Symbol	Value	Parameter	Problem
PERR_WROC01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WROC01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WROC02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WROC02_INVALIDPOINTER	0x04	2	Invalid Pointer

**BOOL APIENTRY WinRegisterUserDatatype**(*HAB hab, LONG datatype, LONG count, PLONG types*)

Symbol	Value	Parameter	Problem
PERR_WRUD04_NULLPOINTER	0x01	4	NULL Pointer
PERR_WRUD04_INVALIDPOINTER	0x02	4	Invalid Pointer

**BOOL APIENTRY WinRegisterUserMsg**(*HAB hab, ULONG msgid, LONG datatype1, LONG dir1, LONG datatype2, LONG dir2, LONG datatyper*)

No parameter errors defined.

**BOOL APIENTRY WinReleaseHook**(*HAB hab, HMq hmq, LONG iHook, PFN pfnHook, HMODULE hmod*)

Symbol	Value	Parameter	Problem
PERR_WRH02_INVALIDQUEUEHANDLE	0x01	2	Invalid Queue Handle
PERR_WRH03_INVALIDHOOKCHAININDEX	0x02	3	Invalid Hook Chain Index
PERR_WRH04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WRH04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_WRH05_INVALIDMODULEHANDLE	0x05	5	Invalid Module Handle

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### **BOOL APIENTRY WinReleasePS**(*HPS hps*)

No parameter errors defined.

### **BOOL APIENTRY WinRemovePresParam**(*HWND hwnd, ULONG id*)

Symbol	Value	Parameter	Problem
PERR_WRPP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WRPP02_INVALIDPRESENTATIONPARAMETERID	0x02	2	Invalid Presentation Parameter ID

### **ULONG APIENTRY WinRemoveSwitchEntry**(*HSWITCH hswitchSwHandle*)

No parameter errors defined.

### **BOOL APIENTRY WinReplaceObjectClass**(*PSZ pszOldClassName, PSZ pszNewClassName, BOOL fReplace*)

Symbol	Value	Parameter	Problem
PERR_WROC01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WROC01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WROC02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WROC02_INVALIDPOINTER	0x04	2	Invalid Pointer

### **APIRET APIENTRY WinRequestMutexSem**(*HMTX hmtx, ULONG ulTimeout*)

No parameter errors defined.

### **BOOL APIENTRY WinRestoreWindowPos**(*PSZ pszAppName, PSZ pszKeyName, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WRWP01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WRWP01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WRWP02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WRWP02_INVALIDPOINTER	0x04	2	Invalid Pointer
PERR_WRWP03_INVALIDWINDOWHANDLE	0x05	3	Invalid Window Handle

**BOOL APIENTRY WinSaveWindowPos**(*HSAVEWP hsvwp, PSWP pswp, ULONG cswp*)

Symbol	Value	Parameter	Problem
PERR_WSWP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSWP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WSWP02_XLTM32768	0x03	2	x < -32,768
PERR_WSWP02_XGT32767	0x04	2	x > 32,767
PERR_WSWP02_YLTM32768	0x05	2	y < -32,768
PERR_WSWP02_YGT32767	0x06	2	y > 32,767
PERR_WSWP02_CXLTO	0x07	2	cx < 0
PERR_WSWP02_CXGT32767	0x08	2	cx > 32,767
PERR_WSWP02_CYLTO	0x09	2	cy < 0
PERR_WSWP02_CYGT32767	0x0a	2	cy > 32,767

**LONG APIENTRY WinScrollWindow**(*HWND hwnd, LONG dx, LONG dy, PRECTL prclScroll, PRECTL prclClip, HRGN hrgnUpdate, PRECTL prclUpdate, ULONG rgfsw*)

Symbol	Value	Parameter	Problem
PERR_WSW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSW04_INVALIDPOINTER	0x02	4	Invalid Pointer
PERR_WSW04_XLEFTLTM32768	0x03	4	xLeft < -32,768
PERR_WSW04_XLEFTGT32767	0x04	4	xLeft > 32,767
PERR_WSW04_XRIGHTLTM32768	0x05	4	xRight < -32,768
PERR_WSW04_XRIGHTGT32767	0x06	4	xRight > 32,767
PERR_WSW04_YBOTTOMLTM32768	0x07	4	yBottom < -32,768
PERR_WSW04_YBOTTOMGT32767	0x08	4	yBottom > 32,767
PERR_WSW04_YTOPLTM32768	0x09	4	yTop < -32,768
PERR_WSW04_YTOPGT32767	0x0a	4	yTop > 32,767
PERR_WSW04_XRIGHTLTLEFT	0x0b	4	xRight < xLeft
PERR_WSW04_YTOPLYBOTTOM	0x0c	4	yTop < yBottom
PERR_WSW05_INVALIDPOINTER	0x0d	5	Invalid Pointer
PERR_WSW05_XLEFTLTM32768	0x0e	5	xLeft < -32,768
PERR_WSW05_XLEFTGT32767	0x0f	5	xLeft > 32,767
PERR_WSW05_XRIGHTLTM32768	0x10	5	xRight < -32,768
PERR_WSW05_XRIGHTGT32767	0x11	5	xRight > 32,767
PERR_WSW05_YBOTTOMLTM32768	0x12	5	yBottom < -32,768
PERR_WSW05_YBOTTOMGT32767	0x13	5	yBottom > 32,767
PERR_WSW05_YTOPLTM32768	0x14	5	yTop < -32,768

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Symbol	Value	Parameter	Problem
PERR_WSW05_YTOPGT32767	0x15	5	yTop > 32,767
PERR_WSW05_XRIGHTTLXLEFT	0x16	5	xRight < xLeft
PERR_WSW05_YTOPLTYBOTTOM	0x17	5	yTop < yBottom
PERR_WSW07_INVALIDPOINTER	0x18	7	Invalid Pointer
PERR_WSW07_XLEFTLTM32768	0x19	7	xLeft < -32,768
PERR_WSW07_XLEFTGT32767	0x1a	7	xLeft > 32,767
PERR_WSW07_XRIGHTLTM32768	0x1b	7	xRight < -32,768
PERR_WSW07_XRIGHTGT32767	0x1c	7	xRight > 32,767
PERR_WSW07_YBOTTOMLTM32768	0x1d	7	yBottom < -32,768
PERR_WSW07_YBOTTOMGT32767	0x1e	7	yBottom > 32,767
PERR_WSW07_YTOPLTM32768	0x1f	7	yTop < -32,768
PERR_WSW07_YTOPGT32767	0x20	7	yTop > 32,767
PERR_WSW07_XRIGHTTLXLEFT	0x21	7	xRight < xLeft
PERR_WSW07_YTOPLTYBOTTOM	0x22	7	yTop < yBottom
PERR_WSW08_INVALIDSCROLLOPTIONS	0x23	8	Invalid Scroll Options

**MRESULT APIENTRY WinSendDlgItemMsg**(*HWND hwndDlg, ULONG idItem, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WSDIM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSDIM02_ITEMIDGT65535	0x02	2	Item ID > 65,535
PERR_WSDIM02_ITEMDOESNOTEXIST	0x03	2	Item Does Not Exist

Also see **Control Messages** starting on page 229 for individual control message parameter errors.

**MRESULT APIENTRY WinSendMsg**(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WSM01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

Also see **Control Messages** starting on page 229 for individual control message parameter errors.



**BOOL APIENTRY WinSetAccelTable**(*HAB hab, HACCEL haccel, HWND hwndFrame*)

Symbol	Value	Parameter	Problem
PERR_WSAT03_INVALIDWINDOWHANDLE	0x01	3	Invalid Window Handle

**BOOL APIENTRY WinSetActiveWindow**(*HWND hwndDesktop, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WSAW01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSAW02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle

**BOOL APIENTRY WinSetCapture**(*HWND hwndDesktop, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WSC01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSC02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle

**BOOL APIENTRY WinSetClassMsgInterest**(*HAB hab, PSZ pszClassName, ULONG msg\_class, LONG control*)

Symbol	Value	Parameter	Problem
PERR_WSCMI02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSCMI02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WSCMI04_INVALIDCONTROLOPTION	0x03	4	Invalid Control Option

**BOOL APIENTRY WinSetClassThunkProc**(*PSZ pszClassname, PFN pfnThunkProc*)

Symbol	Value	Parameter	Problem
PERR_WSCTP01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WSCTP01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WSCTP02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WSCTP02_INVALIDPOINTER	0x04	2	Invalid Pointer

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**BOOL APIENTRY WinSetClipbrdData**(*HAB hab, ULONG ulData, ULONG fmt, ULONG rgfFmtInfo*)

No parameter errors defined.

**BOOL APIENTRY WinSetClipbrdOwner**(*HAB hab, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WSCO02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle

**BOOL APIENTRY WinSetClipbrdViewer**(*HAB hab, HWND hwndNewClipViewer*)

Symbol	Value	Parameter	Problem
PERR_WSCV02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle

**BOOL APIENTRY WinSetCp**(*HMQ hmq, ULONG idCodePage*)

Symbol	Value	Parameter	Problem
PERR_WSC02_INVALIDCODEPAGE	0x01	2	Invalid Code Page

**HBITMAP APIENTRY WinSetDesktopBkgnd**(*HWND hwndDesktop, PDESKTOP pdskNew*)

Symbol	Value	Parameter	Problem
PERR_WSDB01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSDB02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WSDB02_INVALIDPOINTER	0x03	2	Invalid Pointer

**BOOL APIENTRY WinSetDlgItemShort**(*HWND hwndDlg, ULONG idItem, USHORT usValue, BOOL fSigned*)

Symbol	Value	Parameter	Problem
PERR_WSDIS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSDIS02_ITEMIDGT65535	0x02	2	Item ID > 65,535
PERR_WSDIS02_ITEMDOESNOTEXIST	0x03	2	Item Does Not Exist

**BOOL APIENTRY WinSetDlgItemText**(*HWND hwndDlg, ULONG idItem, PSZ pszText*)

Symbol	Value	Parameter	Problem
PERR_WSDIT01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSDIT02_ITEMIDGT65535	0x02	2	Item ID > 65,535
PERR_WSDIT02_ITEMDOESNOTEXIST	0x03	2	Item Does Not Exist
PERR_WSDIT03_INVALIDPOINTER	0x04	3	Invalid Pointer

**BOOL APIENTRY WinSetFileIcon**(*PSZ pszFileName, PICONINFO pIcnInfo*)

Symbol	Value	Parameter	Problem
PERR_WSF01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WSF01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WSF02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WSF02_INVALIDPOINTER	0x04	2	Invalid Pointer

**BOOL APIENTRY WinSetFocus**(*HWND hwndDesktop, HWND hwndSetFocus*)

Symbol	Value	Parameter	Problem
PERR_WSF01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSF02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle

**BOOL APIENTRY WinSetHook**(*HAB hab, HMq hmq, LONG iHook, PFN pfnHook, HMODULE hmod*)

Symbol	Value	Parameter	Problem
PERR_WSH02_INVALIDQUEUEHANDLE	0x01	2	Invalid Queue Handle
PERR_WSH03_INVALIDHOOKCHAININDEX	0x02	3	Invalid Hook Chain Index
PERR_WSH04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WSH04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_WSH05_INVALIDMODULEHANDLE	0x05	5	Invalid Module Handle

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**BOOL APIENTRY WinSetKeyboardStateTable**(*HWND hwndDesktop, PBYTE pKeyStateTable, BOOL fSet*)

Symbol	Value	Parameter	Problem
PERR_WSKST01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSKST02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WSKST02_INVALIDPOINTER	0x03	2	Invalid Pointer

**BOOL APIENTRY WinSetMsgInterest**(*HWND hwnd, ULONG msg\_class, LONG control*)

Symbol	Value	Parameter	Problem
PERR_WSMI01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSMI03_INVALIDCONTROLFLAGS	0x02	3	Invalid Control Flags

**BOOL APIENTRY WinSetMsgMode**(*HAB hab, PSZ classname, LONG control*)

Symbol	Value	Parameter	Problem
PERR_WSMM02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSMM02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WSMM03_INVALIDCONTROLFLAGS	0x03	3	Invalid Control Flags

**BOOL APIENTRY WinSetMultWindowPos**(*HAB hab, PSWP pswp, ULONG cswp*)

Symbol	Value	Parameter	Problem
PERR_WSMWP02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSMWP02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WSMWP02_XLTM32768	0x03	2	x < -32,768
PERR_WSMWP02_XGT32767	0x04	2	x > 32,767
PERR_WSMWP02_YLTM32768	0x05	2	y < -32,768
PERR_WSMWP02_YGT32767	0x06	2	y > 32,767
PERR_WSMWP02_CXLTO	0x07	2	cx < 0
PERR_WSMWP02_CXGT32767	0x08	2	cx > 32,767
PERR_WSMWP02_CYLTO	0x09	2	cy < 0
PERR_WSMWP02_CYGT32767	0x0a	2	cy > 32,767

**BOOL APIENTRY WinSetObjectData**(*HOBJECT hObject, PSZ pszSetupString*)

Symbol	Value	Parameter	Problem
PERR_WSOD02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSOD02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY WinSetOwner**(*HWND hwnd, HWND hwndNewOwner*)

Symbol	Value	Parameter	Problem
PERR_WSO01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSO02_INVALIDNEWWINDOWHANDLE	0x02	2	Invalid New Window Handle

**BOOL APIENTRY WinSetParent**(*HWND hwnd, HWND hwndNewParent, BOOL fRedraw*)

Symbol	Value	Parameter	Problem
PERR_WSP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSP02_INVALIDNEWPARENTWINDOWHANDLE	0x02	2	Invalid New Parent Window Handle

**BOOL APIENTRY WinSetPointer**(*HWND hwndDesktop, HPOINTER hptrNew*)

Symbol	Value	Parameter	Problem
PERR_WSP01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSP02_INVALIDPOINTERHANDLE	0x02	2	Invalid Pointer Handle

**BOOL APIENTRY WinSetPointerOwner**(*HPOINTER hptr, PID pid, BOOL fDestroy*)

No parameter errors defined.

**BOOL APIENTRY WinSetPointerPos**(*HWND hwndDesktop, LONG x, LONG y*)

Symbol	Value	Parameter	Problem
PERR_WSPP01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSPP02_XLTM32768	0x02	2	x < -32,768
PERR_WSPP02_XGT32767	0x03	2	x > 32,767

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Symbol	Value	Parameter	Problem
PERR_WSPP03_YLTM32768	0x04	3	y < -32,768
PERR_WSPP03_YGT32767	0x05	3	y > 32,767

**BOOL APIENTRY WinSetPresParam**(*HWND hwnd*, *ULONG id*, *ULONG cbParam*, *PVOID pbParam*)

Symbol	Value	Parameter	Problem
PERR_WSPP01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSPP02_INVALIDPRESENTATIONPARAMETERINDEX	0x02	2	Invalid Presentation Parameter Index
PERR_WSPP02_NULLPOINTER	0x03	2	NULL Pointer
PERR_WSPP02_INVALIDPOINTER	0x04	2	Invalid Pointer

**BOOL APIENTRY WinSetRect**(*HAB hab*, *PRECTL prcl*, *LONG xLeft*, *LONG yBottom*, *LONG xRight*, *LONG yTop*)

Symbol	Value	Parameter	Problem
PERR_WSR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WSR03_XLEFTLTM32768	0x03	3	xLeft < -32,768
PERR_WSR03_XLEFTGT32767	0x04	3	xLeft > 32,767
PERR_WSR05_XRIGHTLTM32768	0x05	5	xRight < -32,768
PERR_WSR05_XRIGHTGT32767	0x06	5	xRight > 32,767
PERR_WSR04_YBOTTOMLTM32768	0x07	4	yBottom < -32,768
PERR_WSR04_YBOTTOMGT32767	0x08	4	yBottom > 32,767
PERR_WSR06_YTOPLTM32768	0x09	6	yTop < -32,768
PERR_WSR06_YTOPGT32767	0x0a	6	yTop > 32,767
PERR_WSR03_XRIGHTLTXLEFT	0x0b	3	xRight < xLeft
PERR_WSR04_YTOPLTYBOTTOM	0x0c	4	yTop < yBottom

**BOOL APIENTRY WinSetRectEmpty**(*HAB hab*, *PRECTL prcl*)

No parameter errors defined.

**BOOL APIENTRY WinSetSynchroMode**(*HAB hab, LONG mode*)

Symbol	Value	Parameter	Problem
PERR_WSSM02_INVALIDMODE	0x01	2	Invalid Mode

**BOOL APIENTRY WinSetSysColors**(*HWND hwndDesktop, ULONG flOptions, ULONG flFormat, LONG clrFirst, ULONG cclr, PLONG pclr*)

Symbol	Value	Parameter	Problem
PERR_WSSC01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSSC02_INVALIDOPTIONS	0x02	2	Invalid Options
PERR_WSSC03_INVALIDFORMAT	0x03	3	Invalid Format
PERR_WSSC04_INVALIDCOLOURINDEX	0x04	4	Invalid Colour Index
PERR_WSSC06_NULLPOINTER	0x05	6	NULL Pointer
PERR_WSSC06_INVALIDPOINTER	0x06	6	Invalid Pointer

**BOOL APIENTRY WinSetSysModalWindow**(*HWND hwndDesktop, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WSSMW01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSSMW02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle

**BOOL APIENTRY WinSetSysValue**(*HWND hwndDesktop, LONG iSysValue, LONG lValue*)

Symbol	Value	Parameter	Problem
PERR_WSSV01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSSV02_INVALIDSYSTEMVALUEINDEX	0x02	2	Invalid System Value Index

**BOOL APIENTRY WinSetWindowBits**(*HWND hwnd, LONG index, ULONG flData, ULONG flMask*)

Symbol	Value	Parameter	Problem
PERR_WSWB01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

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**BOOL APIENTRY WinSetWindowPos**(*HWND hwnd, HWND hwndInsertBehind, LONG x, LONG y, LONG cx, LONG cy, ULONG fl*)

Symbol	Value	Parameter	Problem
PERR_WSWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSWP02_INVALIDWINDOWHANDLE	0x02	2	Invalid Window Handle

  

Symbol	Value	Parameter	Problem
PERR_WSWP03_XLTM32768	0x03	3	x < -32,768
PERR_WSWP03_XGT32767	0x04	3	x > 32,767
PERR_WSWP04_YLTM32768	0x05	4	y < -32,768
PERR_WSWP04_YGT32767	0x06	4	y > 32,767
PERR_WSWP05_CXLTO	0x07	5	cx < 0
PERR_WSWP05_CXGT32767	0x08	5	cx > 32,767
PERR_WSWP06_CYLTO	0x09	6	cy < 0
PERR_WSWP06_CYGT32767	0x0a	6	cy > 32,767
PERR_WSWP07_INVALIDFLAG	0x0b	7	Invalid Flag

**BOOL APIENTRY WinSetWindowPtr**(*HWND hwnd, LONG index, PVOID p*)

Symbol	Value	Parameter	Problem
PERR_WSWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinSetWindowText**(*HWND hwnd, PSZ pszText*)

Symbol	Value	Parameter	Problem
PERR_WSWT01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSWT02_INVALIDPOINTER	0x02	2	Invalid Pointer

**BOOL APIENTRY WinSetWindowThunkProc**(*HWND hwnd, PFN pfnThunkProc*)

Symbol	Value	Parameter	Problem
PERR_WSWTP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSWTP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WSWTP02_INVALIDPOINTER	0x03	2	Invalid Pointer



**BOOL APIENTRY WinSetWindowULong**(*HWND hwnd, LONG index, ULONG ul*)

Symbol	Value	Parameter	Problem
PERR_WSWUL01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinSetWindowUShort**(*HWND hwnd, LONG index, USHORT us*)

Symbol	Value	Parameter	Problem
PERR_WSWUS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinShowCursor**(*HWND hwnd, BOOL fShow*)

Symbol	Value	Parameter	Problem
PERR_WSC01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle

**BOOL APIENTRY WinShowPointer**(*HWND hwndDesktop, BOOL fShow*)

Symbol	Value	Parameter	Problem
PERR_WSP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinShowTrackRect**(*HWND hwnd, BOOL fShow*)

Symbol	Value	Parameter	Problem
PERR_WSTR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinShowWindow**(*HWND hwnd, BOOL fShow*)

Symbol	Value	Parameter	Problem
PERR_WSW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

## 190 Parameter Error Reference

### BOOL APIENTRY WinShutdownSystem(*HAB hab, HMQ hmq*)

No parameter errors defined.

### HAPP APIENTRY WinStartApp(*HWND hwndNotify, PPROGDETAILS pDetails, PSZ pszParams, PVOID Reserved, ULONG fbOptions*)

Symbol	Value	Parameter	Problem
PERR_WSA01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSA02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WSA02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WSA03_NULLPOINTER	0x04	3	NULL Pointer
PERR_WSA03_INVALIDPOINTER	0x05	3	Invalid Pointer
PERR_WSA04_RESERVEDVALUEEQNULL	0x06	4	Reserved Value ≠ NULL
PERR_WSA05_INVALIDOPTIONS	0x07	5	Invalid Options

### ULONG APIENTRY WinStartTimer(*HAB hab, HWND hwnd, ULONG idTimer, ULONG dtTimeout*)

Symbol	Value	Parameter	Problem
PERR_WST02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle
PERR_WST03_TIMERIDGTTIDUSERMAX	0x02	3	Timer ID > TID_USERMAX

### BOOL APIENTRY WinStopTimer(*HAB hab, HWND hwnd, ULONG idTimer*)

Symbol	Value	Parameter	Problem
PERR_WST02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle
PERR_WST03_TIMERIDGTTIDUSERMAX	0x02	3	Timer ID > TID_USERMAX

### BOOL APIENTRY WinStoreWindowPos(*PSZ pszAppName, PSZ pszKeyName, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WSWP01_NULLPOINTER	0x01	1	NULL Pointer
PERR_WSWP01_INVALIDPOINTER	0x02	1	Invalid Pointer
PERR_WSWP02_NULLKEYNAMEPOINTER	0x03	2	NULL Key Name Pointer
PERR_WSWP02_INVALIDKEYNAMEPOINTER	0x04	2	Invalid Key Name Pointer

Symbol	Value	Parameter	Problem
PERR_WSWP03_INVALIDWINDOWHANDLE	0x05	3	Invalid Window Handle

**PFNWP APIENTRY WinSubclassWindow**(*HWND hwnd, PFNWP pfnwp*)

Symbol	Value	Parameter	Problem
PERR_WSW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSW02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WSW02_INVALIDPOINTER	0x03	2	Invalid Pointer

**LONG APIENTRY WinSubstituteStrings**(*HWND hwnd, PSZ pszSrc, LONG cchDstMax, PSZ pszDst*)

Symbol	Value	Parameter	Problem
PERR_WSS01_INVALIDDESKTOPWINDOWHANDLE	0x01	1	Invalid Desktop Window Handle
PERR_WSS02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WSS02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WSS04_NULLPOINTER	0x04	4	NULL Pointer
PERR_WSS04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_WSS04_BUFFERTOOSMALL	0x06	4	Buffer Too Small

**BOOL APIENTRY WinSubtractRect**(*HAB hab, PRECTL prclDst, PRECTL prclSrc1, PRECTL prclSrc2*)

Symbol	Value	Parameter	Problem
PERR_WSR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WSR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WSR03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WSR03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WSR03_SOURCE1XLEFTLTM32768	0x05	3	Source 1 xLeft < -32,768
PERR_WSR03_SOURCE1XLEFTGT32767	0x06	3	Source 1 xLeft > 32,767
PERR_WSR03_SOURCE1XRIGHTLTM32768	0x07	3	Source 1 xRight < -32,768
PERR_WSR03_SOURCE1XRIGHTGT32767	0x08	3	Source 1 xRight > 32,767
PERR_WSR03_SOURCE1YBOTTOMLTM32768	0x09	3	Source 1 yBottom < -32,768
PERR_WSR03_SOURCE1YBOTTOMGT32767	0x0a	3	Source 1 yBottom > 32,767
PERR_WSR03_SOURCE1YTOPLTM32768	0x0b	3	Source 1 yTop < -32,768
PERR_WSR03_SOURCE1YTOPGT32767	0x0c	3	Source 1 yTop > 32,767

## 192 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_WSR03_SOURCE1XRIGHTLTXLEFT	0x0d	3	Source 1 xRight < xLeft
PERR_WSR03_SOURCE1YTOPLTYBOTTOM	0x0e	3	Source 1 yTop < yBottom
PERR_WSR04_NULLPOINTER	0x0f	4	NULL Pointer
PERR_WSR04_INVALIDPOINTER	0x10	4	Invalid Pointer
PERR_WSR04_SOURCE2XLEFTLTM32768	0x11	4	Source 2 xLeft < -32,768
PERR_WSR04_SOURCE2XLEFTGT32767	0x12	4	Source 2 xLeft > 32,767
PERR_WSR04_SOURCE2XRIGHTLTM32768	0x13	4	Source 2 xRight < -32,768
PERR_WSR04_SOURCE2XRIGHTGT32767	0x14	4	Source 2 xRight > 32,767
PERR_WSR04_SOURCE2YBOTTOMLTM32768	0x15	4	Source 2 yBottom < -32,768
PERR_WSR04_SOURCE2YBOTTOMGT32767	0x16	4	Source 2 yBottom > 32,767
PERR_WSR04_SOURCE2YTOPLTM32768	0x17	4	Source 2 yTop < -32,768
PERR_WSR04_SOURCE2YTOPGT32767	0x18	4	Source 2 yTop > 32,767
PERR_WSR04_SOURCE2XRIGHTLTXLEFT	0x19	4	Source 2 xRight < xLeft
PERR_WSR04_SOURCE2YTOPLTYBOTTOM	0x1a	4	Source 2 yTop < yBottom

### ULONG APIENTRY WinSwitchToProgram(*HSWITCH hswitchSwHandle*)

No parameter errors defined.

### BOOL APIENTRY WinTerminate(*HAB hab*)

No parameter errors defined.

### BOOL APIENTRY WinTerminateApp(*HAPP happ*)

No parameter errors defined.

### BOOL APIENTRY WinTrackRect(*HWND hwnd, HPS hps, PTRACKINFO pti*)

Symbol	Value	Parameter	Problem
PERR_WTR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WTR03_NULLPOINTER	0x02	3	NULL Pointer
PERR_WTR03_INVALIDPOINTER	0x03	3	Invalid Pointer

**BOOL APIENTRY WinTranslateAccel**(*HAB hab, HWND hwnd, HACCEL haccel, PQMSG pqmsg*)

Symbol	Value	Parameter	Problem
PERR_WTA02_INVALIDWINDOWHANDLE	0x01	2	Invalid Window Handle
PERR_WTA04_NULLPOINTER	0x02	4	NULL Pointer
PERR_WTA04_INVALIDPOINTER	0x03	4	Invalid Pointer

**BOOL APIENTRY WinUnionRect**(*HAB hab, PRECTL prclDst, PRECTL prclSrc1, PRECTL prclSrc2*)

Symbol	Value	Parameter	Problem
PERR_WUR02_NULLPOINTER	0x01	2	NULL Pointer
PERR_WUR02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WUR04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WUR04_INVALIDPOINTER	0x04	4	Invalid Pointer
PERR_WUR04_XLEFTLTM32768	0x05	4	xLeft < -32,768
PERR_WUR04_XLEFTGT32767	0x06	4	xLeft > 32,767
PERR_WUR04_XRIGHTLTM32768	0x07	4	xRight < -32,768
PERR_WUR04_XRIGHTGT32767	0x08	4	xRight > 32,767
PERR_WUR04_YBOTTOMLTM32768	0x09	4	yBottom < -32,768
PERR_WUR04_YBOTTOMGT32767	0x0a	4	yBottom > 32,767
PERR_WUR04_YTOPLTM32768	0x0b	4	yTop < -32,768
PERR_WUR04_YTOPGT32767	0x0c	4	yTop > 32,767
PERR_WUR04_XRIGHTLTXLEFT	0x0d	4	xRight < xLeft
PERR_WUR04_YTOPLTYBOTTOM	0x0e	4	yTop < yBottom
PERR_WUR05_NULLPOINTER	0x0f	5	NULL Pointer
PERR_WUR05_INVALIDPOINTER	0x10	5	Invalid Pointer
PERR_WUR05_XLEFTLTM32768	0x11	5	xLeft < -32,768
PERR_WUR05_XLEFTGT32767	0x12	5	xLeft > 32,767
PERR_WUR05_XRIGHTLTM32768	0x13	5	xRight < -32,768
PERR_WUR05_XRIGHTGT32767	0x14	5	xRight > 32,767
PERR_WUR05_YBOTTOMLTM32768	0x15	5	yBottom < -32,768
PERR_WUR05_YBOTTOMGT32767	0x16	5	yBottom > 32,767
PERR_WUR05_YTOPLTM32768	0x17	5	yTop < -32,768
PERR_WUR05_YTOPGT32767	0x18	5	yTop > 32,767
PERR_WUR05_XRIGHTLTXLEFT	0x19	5	xRight < xLeft
PERR_WUR05_YTOPLTYBOTTOM	0x1a	5	yTop < yBottom

## 194 Parameter Error Reference

### BOOL APIENTRY WinUpdateWindow(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WUW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

### ULONG APIENTRY WinUpper(*HAB hab, ULONG idcp, ULONG idcc, PSZ psz*)

Symbol	Value	Parameter	Problem
PERR_WU02_INVALIDCODEPAGEID	0x01	2	Invalid Code Page ID
PERR_WU03_INVALIDCOUNTRYCODEID	0x02	3	Invalid Country Code ID
PERR_WU04_NULLPOINTER	0x03	4	NULL Pointer
PERR_WU04_INVALIDPOINTER	0x04	4	Invalid Pointer

### ULONG APIENTRY WinUpperChar(*HAB hab, ULONG idcp, ULONG idcc, ULONG c*)

Symbol	Value	Parameter	Problem
PERR_WUC02_INVALIDCODEPAGEID	0x01	2	Invalid Code Page ID
PERR_WUC03_INVALIDCOUNTRYCODEID	0x02	3	Invalid Country Code ID

### BOOL APIENTRY WinValidateRect(*HWND hwnd, PRECTL prcl, BOOL fIncludeChildren*)

Symbol	Value	Parameter	Problem
PERR_WVR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WVR02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WVR02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WVR02_XLEFTLTM32768	0x04	2	xLeft < -32,768
PERR_WVR02_XLEFTGT32767	0x05	2	xLeft > 32,767
PERR_WVR02_XRIGHTLTM32768	0x06	2	xRight < -32,768
PERR_WVR02_XRIGHTGT32767	0x07	2	xRight > 32,767
PERR_WVR02_YBOTTOMLTM32768	0x08	2	yBottom < -32,768
PERR_WVR02_YBOTTOMGT32767	0x09	2	yBottom > 32,767
PERR_WVR02_YTOPLTM32768	0x0a	2	yTop < -32,768
PERR_WVR02_YTOPGT32767	0x0b	2	yTop > 32,767
PERR_WVR02_XRIGHTLTXLEFT	0x0c	2	xRight < xLeft
PERR_WVR02_YTOPLTYBOTTOM	0x0d	2	yTop < yBottom



**BOOL APIENTRY WinValidateRegion**(*HWND hwnd, HRGN hrgn, BOOL fIncludeChildren*)

Symbol	Value	Parameter	Problem
PERR_WVR01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**APIRET APIENTRY WinWaitEventSem**(*HEV hev, ULONG ulTimeout*)

No parameter errors defined.

**BOOL APIENTRY WinWaitMsg**(*HAB hab, ULONG msgFirst, ULONG msgLast*)

No parameter errors defined.

**APIRET APIENTRY WinWaitMuxWaitSem**(*HMUX hmutex, ULONG ulTimeout, PULONG pulUser*)

Symbol	Value	Parameter	Problem
PERR_WWMWS03_NULLPOINTER	0x10	3	NULL Pointer
PERR_WWMWS03_INVALIDPOINTER	0x20	3	Invalid Pointer

**HWND APIENTRY WinWindowFromDC**(*HDC hdc*)

No parameter errors defined.

**HWND APIENTRY WinWindowFromID**(*HWND hwndParent, ULONG id*)

Symbol	Value	Parameter	Problem
PERR_WWFID01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WWFID02_WINDOWIDGT65535	0x02	2	Window ID > 65,535

**HWND APIENTRY WinWindowFromPoint**(*HWND hwnd, PPOINTL pptl, BOOL fChildren*)

Symbol	Value	Parameter	Problem
PERR_WWFP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WWFP02_NULLPOINTER	0x02	2	NULL Pointer
PERR_WWFP02_INVALIDPOINTER	0x03	2	Invalid Pointer
PERR_WWFP02_XLTM32768	0x04	2	x < -32,768



## 196 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_WWFP02_XGT32767	0x05	2	x > 32,767
PERR_WWFP02_YLTM32768	0x06	2	y < -32,768
PERR_WWFP02_YGT32767	0x07	2	y > 32,767



**W i n \* C a l l s V e r s i o n 2 . 1 O n l y****BOOL APIENTRY WinCheckInput**(*HAB hab*)

No parameter errors defined.

**BOOL APIENTRY WinLockPointerUpdate**(*HWND hwndDesktop, HPOINTER hptrNew, ULONG ulTimeInterval*)

Symbol	Value	Parameter	Problem
PERR_WLPU01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WLPU02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WLPU03_TIMEGT10000	0x03	3	Time > 10000

**BOOL APIENTRY WinLockupSystem**(*HAB hab*)

No parameter errors defined.

**BOOL APIENTRY WinQuerySysPointerData**(*HWND hwndDesktop, ULONG iptr, PICONINFO pIconInfo*)

Symbol	Value	Parameter	Problem
PERR_WQSPD01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WQSPD02_INVALIDPOINTERINDEX	0x02	2	Invalid Pointer Index
PERR_WQSPD03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WQSPD03_INVALIDPOINTER	0x04	3	Invalid Pointer

**BOOL APIENTRY WinSetSysPointerData**(*HWND hwndDesktop, ULONG iptr, PICONINFO pIconInfo*)

Symbol	Value	Parameter	Problem
PERR_WSSPD01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WSSPD02_INVALIDPOINTERINDEX	0x02	2	Invalid Pointer Index
PERR_WSSPD03_INVALIDPOINTER	0x03	3	Invalid Pointer



## 198 Parameter Error Reference

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**BOOL APIENTRY WinUnlockSystem**(*HAB hab, PSZ pszPassword*)

Symbol	Value	Parameter	Problem
PERR_WUS03_NULLPOINTER	0x01	3	NULL Pointer
PERR_WUS03_INVALIDPOINTER	0x02	3	Invalid Pointer



# Pen for OS/2 Calls

## APIRET APIENTRY RedDeregisterRecoCommand(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_RDRC01_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle

## HWND APIENTRY RedQueryRecoCommand(*PSZ cmdp*)

Symbol	Value	Parameter	Problem
PERR_RQRC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_RQRC01_INVALIDPOINTER	0x11	1	Invalid Pointer

## APIRET APIENTRY RedQueryRecoHandle(*PSZ pszRecoSubsystem, PHRECO phReco, PULONG pEventCount*)

Symbol	Value	Parameter	Problem
PERR_RQRH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_RQRH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_RQRH02_NULLPOINTER	0x12	2	NULL Pointer
PERR_RQRH02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_RQRH03_NULLPOINTER	0x14	3	NULL Pointer
PERR_RQRH03_INVALIDPOINTER	0x15	3	Invalid Pointer

## APIRET APIENTRY RedQueryRecoSubsystem(*HRECO hReco, PSZ pszRecoSubsystem, PULONG pEventCount*)

Symbol	Value	Parameter	Problem
PERR_RQRS02_NULLPOINTER	0x10	2	NULL Pointer
PERR_RQRS02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_RQRS02_BUFFERTOOSMALL	0x12	2	Buffer Too Small
PERR_RQRS03_NULLPOINTER	0x13	3	NULL Pointer
PERR_RQRS03_INVALIDPOINTER	0x14	3	Invalid Pointer



## 200 Parameter Error Reference

### APIRET APIENTRY RedReadObjectEventMap(*HOBJECT* hobj, *PSZ* fnamep)

Symbol	Value	Parameter	Problem
PERR_RROEM02_NULLPOINTER	0x10	2	NULL Pointer
PERR_RROEM02_INVALIDPOINTER	0x11	2	Invalid Pointer

### APIRET APIENTRY RedRecoDataFromEnv(*PRECODATA* prdEnv, *ULONG* \*lenp)

Symbol	Value	Parameter	Problem
PERR_RRDFF01_NULLPOINTER	0x10	1	NULL Pointer
PERR_RRDFF01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_RRDFF02_NULLPOINTER	0x12	2	NULL Pointer
PERR_RRDFF02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_RRDFF02_STRUCTURESIZEEQEQ0	0x14	2	Structure Size == 0

### APIRET APIENTRY RedRecoIDFromName(*HRECO* hReco, *PSZ* pszEventName, *PRECOID* eventID)

Symbol	Value	Parameter	Problem
PERR_RRIDFN02_NULLPOINTER	0x10	2	NULL Pointer
PERR_RRIDFN02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_RRIDFN03_NULLPOINTER	0x12	3	NULL Pointer
PERR_RRIDFN03_INVALIDPOINTER	0x13	3	Invalid Pointer

### APIRET APIENTRY RedRecoNameFromID(*HRECO* hReco, *RECOID* eventID, *PSZ* pszEventName)

Symbol	Value	Parameter	Problem
PERR_RRNFD03_NULLPOINTER	0x10	3	NULL Pointer
PERR_RRNFD03_INVALIDPOINTER	0x11	3	Invalid Pointer

### APIRET APIENTRY RedRegisterRecoCommand(*PSZ* pszCommand, *ULONG* id, *HWND* hwnd)

Symbol	Value	Parameter	Problem
PERR_RRRC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_RRRC01_INVALIDPOINTER	0x11	1	Invalid Pointer

Symbol	Value	Parameter	Problem
PERR_RRRC03_INVALIDWINDOWHANDLE	0x12	3	Invalid Window Handle

**APIRET APIENTRY RedWriteObjectEventMap**(*HOBJECT hobj, PSZ fnamep*)

Symbol	Value	Parameter	Problem
PERR_RWOEM02_NULLPOINTER	0x10	2	NULL Pointer
PERR_RWOEM02_INVALIDPOINTER	0x11	2	Invalid Pointer

**APIRET APIENTRY VkpCloseKb**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_VCK01_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle

**APIRET APIENTRY VkpDeleteKeyboard**(*PSZ pszKbd, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_VDK01_NULLPOINTER	0x10	1	NULL Pointer
PERR_VDK01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_VDK02_INVALIDWINDOWHANDLE	0x12	2	Invalid Window Handle

**APIRET APIENTRY VkpHideKeyboard**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_VHK01_INVALIDWINDOWHANDLE	0x12	1	Invalid Window Handle

**APIRET APIENTRY VkpIsKbHidden**(*PBOOL fHidden*)

Symbol	Value	Parameter	Problem
PERR_VIKH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_VIKH01_INVALIDPOINTER	0x11	1	Invalid Pointer

## 202 Parameter Error Reference

### APIRET APIENTRY VkpIsKbRunning(*PBOOL fRunning*)

Symbol	Value	Parameter	Problem
PERR_VIKR01_NULLPOINTER	0x10	1	NULL Pointer
PERR_VIKR01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY VkpLoadKeyboard(*PSZ pszKbd, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_VLK01_NULLPOINTER	0x10	1	NULL Pointer
PERR_VLK01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_VLK02_INVALIDWINDOWHANDLE	0x12	2	Invalid Window Handle

### APIRET APIENTRY VkpQueryKbPos(*PSWP pswp*)

Symbol	Value	Parameter	Problem
PERR_VQKP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_VQKP01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY VkpSetKbPos(*LONG x, LONG y, LONG cx, LONG cy, ULONG fs, HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_VSKP01_XLTM32768	0x10	1	x < -32,768
PERR_VSKP01_XGT32767	0x11	1	x > 32,767
PERR_VSKP02_YLTM32768	0x12	2	y < -32,768
PERR_VSKP02_YGT32767	0x13	2	y > 32,767
PERR_VSKP03_CXLTO	0x14	3	cx < 0
PERR_VSKP03_CXGT32767	0x15	3	cx > 32,767
PERR_VSKP04_CYLTO	0x16	4	cy < 0
PERR_VSKP04_CYGT32767	0x17	4	cy > 32,767
PERR_VSKP05_INVALIDFLAG	0x18	5	Invalid Flag
PERR_VSKP06_INVALIDWINDOWHANDLE	0x19	6	Invalid Window Handle

**APIRET APIENTRY WrtControlDisplayBacklight**(*ULONG option, ULONG displayID*)

Symbol	Value	Parameter	Problem
PERR_WCDB01_INVALIDOPTIONFLAG	0x10	1	Invalid Option Flag

**APIRET APIENTRY WrtEnumInputDrivers**(*PULONG pulNumDrivers, PSTR\_32 aDriverNames*)

Symbol	Value	Parameter	Problem
PERR_WEID01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WEID01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WEID02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WEID02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY WrtMapPointLong**(*HWND hwnd, PPOINTL pXY, ULONG flParms, ULONG ulXInput, ULONG ulYInput, ULONG ulXOutput, ULONG ulYOutput, ULONG ulCount*)

Symbol	Value	Parameter	Problem
PERR_WMPL01_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle
PERR_WMPL02_NULLPOINTER	0x11	2	NULL Pointer
PERR_WMPL02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_WMPL03_INVALIDFLAGS	0x13	3	Invalid Flags
PERR_WMPL04_XINPUTEQEQ0	0x14	4	x Input == 0
PERR_WMPL05_YINPUTEQEQ0	0x15	5	y Input == 0
PERR_WMPL06_XOUTPUTEQEQ0	0x16	6	x Output == 0
PERR_WMPL07_YOUTPUTEQEQ0	0x17	7	y Output == 0
PERR_WMPL08_ARRAYCOUNTEQEQ0	0x18	8	Array Count == 0

**APIRET APIENTRY WrtQueryButtonCaps**(*PULONG ulNumButtons, PWRTBUTTONDEVINFO pbdiInfo*)

Symbol	Value	Parameter	Problem
PERR_WQBC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQBC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WQBC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WQBC02_INVALIDPOINTER	0x13	2	Invalid Pointer



## 204 Parameter Error Reference

**APIRET APIENTRY WrtQueryDisplayCaps**(*PULONG ulDisplayID, PWRTDISPLAYDEVINFO pddiInfo*)

Symbol	Value	Parameter	Problem
PERR_WQDC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQDC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WQDC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WQDC02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY WrtQueryEventData**(*PWRTEVENTDATA pedInfo*)

Symbol	Value	Parameter	Problem
PERR_WQED01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQED01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY WrtQueryInputDeviceNames**(*PSZ pszDriverName, PULONG ulNumDevices, PSTR\_32 aDeviceName, PULONG aDeviceType, PULONG aDeviceID*)

Symbol	Value	Parameter	Problem
PERR_WQIDN01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQIDN01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WQIDN02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WQIDN02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_WQIDN03_NULLPOINTER	0x14	3	NULL Pointer
PERR_WQIDN03_INVALIDPOINTER	0x15	3	Invalid Pointer
PERR_WQIDN04_NULLPOINTER	0x16	4	NULL Pointer
PERR_WQIDN04_INVALIDPOINTER	0x17	4	Invalid Pointer
PERR_WQIDN05_NULLPOINTER	0x18	5	NULL Pointer
PERR_WQIDN05_INVALIDPOINTER	0x19	5	Invalid Pointer

**APIRET APIENTRY WrtQueryInputDeviceVariable**(*PSZ pszDriverName, PSZ pszDeviceName, ULONG ulValueID, PLONG lValue, PULONG ulDataLen, PVOID pData*)

Symbol	Value	Parameter	Problem
PERR_WQIDV01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQIDV01_INVALIDPOINTER	0x11	1	Invalid Pointer





Symbol	Value	Parameter	Problem
PERR_WQIDV02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WQIDV02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_WQIDV03_INVALIDINPUTDEVICEID	0x14	3	Invalid Input Device ID
PERR_WQIDV04_NULLPOINTER	0x15	4	NULL Pointer
PERR_WQIDV04_INVALIDPOINTER	0x16	4	Invalid Pointer
PERR_WQIDV05_NULLPOINTER	0x17	5	NULL Pointer
PERR_WQIDV05_INVALIDPOINTER	0x18	5	Invalid Pointer
PERR_WQIDV06_NULLPOINTER	0x19	6	NULL Pointer
PERR_WQIDV06_INVALIDPOINTER	0x1a	6	Invalid Pointer

**APIRET APIENTRY WrtQueryLocatorCaps**(*PULONG ulNumLocators, PWRTLOCATORDEVINFO pldiInfo*)

Symbol	Value	Parameter	Problem
PERR_WQLC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQLC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WQLC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WQLC02_INVALIDPOINTER	0x13	2	Invalid Pointer

**APIRET APIENTRY WrtQueryPointAuxData**(*PAUXPOINTDATA papdInfo*)

Symbol	Value	Parameter	Problem
PERR_WQPAD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQPAD01_INVALIDPOINTER	0x11	1	Invalid Pointer

**APIRET APIENTRY WrtQueryStrokeData**(*PBYTE pStrokeBuf, PULONG pBufLen, HWND hwnd, ULONG flConvopt, ULONG ulXOutput, ULONG ulYOutput, ULONG flAuxData*)

Symbol	Value	Parameter	Problem
PERR_WQSD01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQSD01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WQSD02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WQSD02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_WQSD03_INVALIDWINDOWHANDLE	0x14	3	Invalid Window Handle
PERR_WQSD04_INVALIDCONVERSIONOPTION	0x15	4	Invalid Conversion Option



## 206 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_WQSD07_INVALIDAUXILIARYDATAOPTION	0x16	7	Invalid Auxiliary Data Option

### LONG APIENTRY WrtQuerySysValue(*HWND DeskTop, ULONG id*)

Symbol	Value	Parameter	Problem
PERR_WQSV01_INVALIDDESKTOPWINDOWHANDLE	0x10	1	Invalid Desktop Window Handle
PERR_WQSV02_INVALIDSYSTEMID	0x11	2	Invalid System ID

### APIRET APIENTRY WrtQuerySystemCaps(*PWRTSYSTEMINFO psiInfo*)

Symbol	Value	Parameter	Problem
PERR_WQSC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WQSC01_INVALIDPOINTER	0x11	1	Invalid Pointer

### APIRET APIENTRY WrtReadSysValue(*HWND DeskTop, ULONG id*)

Symbol	Value	Parameter	Problem
PERR_WRSV01_INVALIDDESKTOPWINDOWHANDLE	0x10	1	Invalid Desktop Window Handle
PERR_WRSV02_INVALIDSYSTEMID	0x11	2	Invalid System ID

### APIRET APIENTRY WrtSetInputDeviceVariable(*PSZ pszDriverName, PSZ pszDeviceName, ULONG ulValueID, LONG IValue, ULONG ulDataLen, PVOID pData*)

Symbol	Value	Parameter	Problem
PERR_WSIDV01_NULLPOINTER	0x10	1	NULL Pointer
PERR_WSIDV01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_WSIDV02_NULLPOINTER	0x12	2	NULL Pointer
PERR_WSIDV02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_WSIDV03_INVALIDDEVICEID	0x14	3	Invalid Device ID
PERR_WSIDV05_DATABUFFERLENGTHTHEQE0	0x15	5	Data Buffer Length == 0
PERR_WSIDV06_NULLPOINTER	0x16	6	NULL Pointer
PERR_WSIDV06_INVALIDPOINTER	0x17	6	Invalid Pointer



**APIRET APIENTRY WrtSetStrictEmulation**(*HWND hwnd, ULONG option*)

Symbol	Value	Parameter	Problem
PERR_WSSE01_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle
PERR_WSSE02_INVALIDEMULATIONOPTION	0x11	2	Invalid Emulation Option

**APIRET APIENTRY WrtSetSysValue**(*HWND DeskTop, ULONG id, LONG Val*)

Symbol	Value	Parameter	Problem
PERR_WSSV01_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle
PERR_WSSV02_INVALIDSYSTEMID	0x11	2	Invalid System ID

**APIRET APIENTRY WrtWaitActive**(*ULONG ulTimeout*)

No parameter errors defined.

**APIRET APIENTRY WrtWriteSysValue**(*HWND DeskTop, ULONG id*)

Symbol	Value	Parameter	Problem
PERR_WWSV01_INVALIDDESKTOPWINDOWHANDLE	0x10	1	Invalid Desktop Window Handle
PERR_WWSV02_INVALIDSYSTEMID	0x11	2	Invalid System ID



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**ULONG APIENTRY SpiAssociate**(*HSTREAM hstream, HID hid, PACB pacb*)

Symbol	Value	Parameter	Problem
PERR_SA03_NULLPOINTER	0x10	3	NULL Pointer
PERR_SA03_INVALIDPOINTER	0x11	3	Invalid Pointer

**ULONG APIENTRY SpiCreateStream**(*HID hidSrc, HID hidTgt, PSPCBKEY pspcbkey, PDCB pdcBsrc, PDCB pdcBTgt, PIMPL\_EVCB pevcb, PEVFN EventEntry, HSTREAM hstreamBuf, PHSTREAM phstream, PHEVENT phevent*)

Symbol	Value	Parameter	Problem
PERR_SCS03_NULLPOINTER	0x10	3	NULL Pointer
PERR_SCS03_INVALIDPOINTER	0x11	3	Invalid Pointer
PERR_SCS04_INVALIDPOINTER	0x12	4	Invalid Pointer
PERR_SCS05_INVALIDPOINTER	0x13	5	Invalid Pointer
PERR_SCS06_NULLPOINTER	0x14	6	NULL Pointer
PERR_SCS06_INVALIDPOINTER	0x15	6	Invalid Pointer
PERR_SCS07_NULLPOINTER	0x16	7	NULL Pointer
PERR_SCS07_INVALIDPOINTER	0x17	7	Invalid Pointer
PERR_SCS09_NULLPOINTER	0x18	9	NULL Pointer
PERR_SCS09_INVALIDPOINTER	0x19	9	Invalid Pointer
PERR_SCS10_NULLPOINTER	0x1a	10	NULL Pointer
PERR_SCS10_INVALIDPOINTER	0x1b	10	Invalid Pointer

**ULONG APIENTRY SpiDestroyStream**(*HSTREAM hstream*)

No parameter errors defined.

**ULONG APIENTRY SpiDetermineSyncMaster**(*PHSTREAM phstreamMaster, PMASTER paMasterList, ULONG ulNumMasters*)

Symbol	Value	Parameter	Problem
PERR_SDSM01_NULLPOINTER	0x10	1	NULL Pointer
PERR_SDSM01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_SDSM02_NULLPOINTER	0x12	2	NULL Pointer
PERR_SDSM02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_SDSM03_MASTERARRAYLISTCOUNTEQE0	0x14	3	Master Array List Count == 0

**ULONG APIENTRY SpiDisableEvent**(*HEVENT hevent*)

No parameter errors defined.

**ULONG APIENTRY SpiDisableSync**(*HSTREAM hstreamMaster*)

No parameter errors defined.

**ULONG APIENTRY SpiEnableEvent**(*PEVCB pevcb, PHEVENT phevent*)

Symbol	Value	Parameter	Problem
PERR_SEE01_NULLPOINTER	0x10	1	NULL Pointer
PERR_SEE01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_SEE02_NULLPOINTER	0x12	2	NULL Pointer
PERR_SEE02_INVALIDPOINTER	0x13	2	Invalid Pointer

**ULONG APIENTRY SpiEnableSync**(*HSTREAM hstreamMaster, PSLAVE paslaveList, ULONG ulNumSlaves, MMTIME mmtimeSync*)

Symbol	Value	Parameter	Problem
PERR_SES02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SES02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_SES03_SLAVESARRAYCOUNTEQE0	0x12	3	Slaves Array Count == 0

## 210 Parameter Error Reference

### ULONG APIENTRY SpiEnumerateHandlers(*PHAND pahand, PULONG pulNumHand*)

Symbol	Value	Parameter	Problem
PERR_SEH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_SEH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_SEH02_NULLPOINTER	0x12	2	NULL Pointer
PERR_SEH02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_SEH02_HANDLEARRAYCOUNTEQE0	0x14	2	Handle Array Count == 0

### ULONG APIENTRY SpiEnumerateProtocols(*HID hid, PVOID paSPCBKeys, PULONG pulNumSPCBKeys*)

Symbol	Value	Parameter	Problem
PERR_SEP02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SEP02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_SEP03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SEP03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SEP03_SPXBKEYSARRAYCOUNTEQE0	0x14	3	SPXB Keys Array Count == 0

### ULONG APIENTRY SpiGetHandler(*PSZ pszHName, HID \*phidSrc, HID \*phidTgt*)

Symbol	Value	Parameter	Problem
PERR_SGH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_SGH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_SGH01_STREAMHANDLERNAMEGT9CHARACTERSTOTAL	0x12	1	Stream Handler Name > 9 Characters Total
PERR_SGH02_NULLPOINTER	0x13	2	NULL Pointer
PERR_SGH02_INVALIDPOINTER	0x14	2	Invalid Pointer
PERR_SGH03_NULLPOINTER	0x15	3	NULL Pointer
PERR_SGH03_INVALIDPOINTER	0x16	3	Invalid Pointer

### ULONG APIENTRY SpiGetProtocol(*HID hid, PSPCBKEY pspcbkey, PSPCB pspcb*)

Symbol	Value	Parameter	Problem
PERR_SGP02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SGP02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_SGP03_NULLPOINTER	0x12	3	NULL Pointer



Symbol	Value	Parameter	Problem
PERR_SGP03_INVALIDPOINTER	0x13	3	Invalid Pointer

**ULONG APIENTRY SpiGetTime**(*HSTREAM hstream, PMMTIME pmntime*)

Symbol	Value	Parameter	Problem
PERR_SGT02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SGT02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY SpiInstallProtocol**(*HID hid, PSPCBKEY pspcbkey, PSPCB pspcb, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_SIP02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SIP02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_SIP03_NULLPOINTER	0x12	3	NULL Pointer
PERR_SIP03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_SIP04_INVALIDFLAGS	0x14	4	Invalid Flags

**ULONG APIENTRY SpiSeekStream**(*HSTREAM hstream, ULONG ulFlags, LONG lSeekPoint*)

Symbol	Value	Parameter	Problem
PERR_SSS02_INVALIDSEEKFLAGS	0x10	2	Invalid Seek Flags

**ULONG APIENTRY SpiSendMsg**(*HSTREAM hstream, HID hid, ULONG ulMsgType, PVOID pMsg*)

Symbol	Value	Parameter	Problem
PERR_SSM04_NULLPOINTER	0x10	4	NULL Pointer
PERR_SSM04_INVALIDPOINTER	0x11	4	Invalid Pointer

## 212 Parameter Error Reference

### ULONG APIENTRY SpiStartStream(*HSTREAM hstream, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_SSS02_INVALIDSTARTFLAGS	0x10	2	Invalid Start Flags

### ULONG APIENTRY SpiStopStream(*HSTREAM hstream, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_SSS02_INVALIDSTOPFLAGS	0x10	2	Invalid Stop Flags

### ULONG APIENTRY mciDeleteGroup(*USHORT usGroupID*)

No parameter errors defined.

### ULONG APIENTRY mciGetDeviceID(*PSZ pszName*)

Symbol	Value	Parameter	Problem
PERR_GDID01_NULLPOINTER	0x10	1	NULL Pointer
PERR_GDID01_INVALIDPOINTER	0x11	1	Invalid Pointer

### ULONG APIENTRY mciGetErrorString(*ULONG ulError, PSZ pszBuffer, USHORT usLength*)

Symbol	Value	Parameter	Problem
PERR_GES02_NULLPOINTER	0x10	2	NULL Pointer
PERR_GES02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_GES03_ERRORBUFFERLENGTHEQEQ0	0x12	3	Error Buffer Length == 0

### ULONG APIENTRY mciMakeGroup(*PUSHORT pusDeviceGroupID, USHORT usDeviceCount, PUSHORT pausDeviceList, ULONG ulFlags, ULONG ulMMTime*)

Symbol	Value	Parameter	Problem
PERR_MG01_NULLPOINTER	0x10	1	NULL Pointer
PERR_MG01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_MG02_DEVICELISTCOUNTEQEQ0	0x12	2	Device List Count == 0



Symbol	Value	Parameter	Problem
PERR_MG03_NULLPOINTER	0x13	3	NULL Pointer
PERR_MG03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_MG04_INVALIDFLAG	0x15	4	Invalid Flag
PERR_MG04_MISSINGMCI_NOPIECEMEALFLAG	0x16	4	Missing MCI_NOPIECEMEAL Flag

**ULONG APIENTRY mciPlayFile**(*HWND hwndOwner, PSZ pszFile, ULONG ulFlags, PSZ pszTitle, HWND hwndViewport*)

Symbol	Value	Parameter	Problem
PERR_PFO1_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle
PERR_PFO2_NULLPOINTER	0x11	2	NULL Pointer
PERR_PFO2_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_PFO3_INVALIDFLAGS	0x13	3	Invalid Flags
PERR_PFO4_INVALIDPOINTER	0x14	4	Invalid Pointer
PERR_PFO5_INVALIDVIEWPORTWINDOWHANDLE	0x15	5	Invalid Viewport Window Handle

**ULONG APIENTRY mciPlayResource**(*HWND hwndOwner, HMODULE hmod, ULONG resType, ULONG resID, ULONG ulFlags, PSZ pszTitle, HWND hwndViewport*)

Symbol	Value	Parameter	Problem
PERR_PRO1_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle
PERR_PRO2_INVALIDMODULEHANDLE	0x11	2	Invalid Module Handle
PERR_PRO3_INVALIDTYPEID	0x12	3	Invalid Type ID
PERR_PRO4_RESOURCEIDGT65535	0x13	4	Resource ID > 65,535
PERR_PRO5_INVALIDFLAGS	0x14	5	Invalid Flags
PERR_PRO6_INVALIDPOINTER	0x15	6	Invalid Pointer
PERR_PRO7_INVALIDVIEWPORTWINDOWHANDLE	0x16	7	Invalid Viewport Window Handle

**BOOL APIENTRY mciQuerySysValue**(*USHORT iSysValue, PVOID pValue*)

Symbol	Value	Parameter	Problem
PERR_QSV01_SYSTEMVALUEINDEXTOOLARGE	0x10	1	System Value Index Too Large
PERR_QSV02_NULLPOINTER	0x11	2	NULL Pointer
PERR_QSV02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_QSV02_BUFFERTOOSMALL	0x13	2	Buffer Too Small



## 214 Parameter Error Reference

**ULONG APIENTRY mciRecordAudioFile**(*HWND hwndOwner, PSZ pszFile, PSZ pszTitle, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_RAF01_INVALIDWINDOWHANDLE	0x10	1	Invalid Window Handle
PERR_RAF02_NULLPOINTER	0x11	2	NULL Pointer
PERR_RAF02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_RAF03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_RAF04_FLAGSNEQ0	0x14	4	Flags ≠ 0

**ULONG APIENTRY mciSendCommand**(*USHORT usDeviceID, USHORT usMessage, ULONG ulParam1, PVOID pParam2, USHORT usUserParm*)

Symbol	Value	Parameter	Problem
PERR_SC02_INVALIDMESSAGE	0x10	2	Invalid Message
PERR_SC04_INVALIDPOINTER	0x11	4	Invalid Pointer

**ULONG APIENTRY mciSendString**(*PSZ pszCommandBuf, PSZ pszReturnString, USHORT wReturnLength, HWND hwndCallBack, USHORT usUserParm*)

Symbol	Value	Parameter	Problem
PERR_SS01_NULLPOINTER	0x10	1	NULL Pointer
PERR_SS01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_SS02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_SS04_INVALIDCALLBACKWINDOWHANDLE	0x13	4	Invalid Callback Window Handle

**BOOL APIENTRY mciSetSysValue**(*USHORT iSysValue, PVOID pValue*)

Symbol	Value	Parameter	Problem
PERR_SSV01_SYSTEMVALUEINDEXTOOLARGE	0x10	1	System Value Index Too Large
PERR_SSV02_NULLPOINTER	0x11	2	NULL Pointer
PERR_SSV02_INVALIDPOINTER	0x12	2	Invalid Pointer



**ULONG APIENTRY mdmDriverNotify**(*USHORT usDeviceID, HWND hwnd, USHORT usMsgType, USHORT usUserParm, ULONG ulMsgParm*)

Symbol	Value	Parameter	Problem
PERR_DN02_INVALIDWINDOWHANDLE	0x10	2	Invalid Window Handle
PERR_DN03_INVALIDMESSAGETYPE	0x11	3	Invalid Message Type

**USHORT APIENTRY mmioAdvance**(*HMMIO hmmio, PMMIOINFO pmmioinfo, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_A02_NULLPOINTER	0x10	2	NULL Pointer
PERR_A02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_A03_INVALIDFLAGS	0x12	3	Invalid Flags

**USHORT APIENTRY mmioAscend**(*HMMIO hmmio, PMMCKINFO pckinfo, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_A02_NULLPOINTER	0x10	2	NULL Pointer
PERR_A02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY mmioCFAddElement**(*HMMCF hmmcf, PSZ pszElementName, FOURCC fccType, PCHAR pchBuffer, LONG cchBytes, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFAE02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFAE02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_CFAE04_NULLPOINTER	0x12	4	NULL Pointer
PERR_CFAE04_INVALIDPOINTER	0x13	4	Invalid Pointer
PERR_CFAE05_BUFFERLENGTHLTEQ0	0x14	5	Buffer Length ≤ 0
PERR_CFAE06_INVALIDFLAGS	0x15	6	Invalid Flags

## 216 Parameter Error Reference

**ULONG APIENTRY mmioCFAddEntry**(*HMMCF hmmcf, PMMCTOCENTRY pmmctocentry, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFAE02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFAE02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY mmioCFChangeEntry**(*HMMCF hmmcf, PMMCTOCENTRY pmmctocentry, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFCE02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFCE02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_CFCE03_INVALIDFLAGS	0x12	3	Invalid Flags

**ULONG APIENTRY mmioCFClose**(*HMMCF hmmcf, ULONG ulFlags*)

No parameter errors defined.

**ULONG APIENTRY mmioCFCompact**(*PSZ pszFileName, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_CFC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_CFC02_FLAGSNEQ0	0x12	2	Flags ≠ 0

**ULONG APIENTRY mmioCFCopy**(*HMMCF hmmcfSource, PSZ pszDestFileName, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFC02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFC02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY mmioCFDeleteEntry**(*HMMCF hmmcf, PMMCTOCENTRY pmmctocentry, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFDE02_NULLPOINTER	0x10	2	NULL Pointer

Symbol	Value	Parameter	Problem
PERR_CFDE02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY mmioCFFindEntry**(*HMMCF hmmcf, PMMCTOCENTRY pmmtocentry, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFFE02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFFE02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_CFFE03_INVALIDFLAGS	0x11	3	Invalid Flags

**ULONG APIENTRY mmioCFGetInfo**(*HMMCF hmmcf, PMMCFINFO pmmcfinfo, ULONG cBytes*)

Symbol	Value	Parameter	Problem
PERR_CFGI02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFGI02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_CFGI03_BUFFERSIZEEQEQO	0x12	3	Buffer Size == 0

**HMMCF APIENTRY mmioCFOpen**(*PSZ pszFileName, PMMCFINFO pmmcfinfo, PMMIOINFO pmmioinfo, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_CFO01_NULLPOINTER	0x10	1	NULL Pointer
PERR_CFO01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_CFO02_NULLPOINTER	0x12	2	NULL Pointer
PERR_CFO02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_CFO03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_CFO04_INVALIDFLAGS	0x15	4	Invalid Flags
PERR_CFO04_READFLAGUSEDWITHREADWRITEFLAG	0x16	4	Read Flag Used With Read/Write Flag
PERR_CFO04_WRITEFLAGUSEDWITHREADWRITEFLAG	0x17	4	Write Flag Used With Read/Write Flag

**ULONG APIENTRY mmioCFSetInfo**(*HMMCF hmmcf, PMMCFINFO pmmcfinfo, ULONG cBytes*)

Symbol	Value	Parameter	Problem
PERR_CFSI02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CFSI02_INVALIDPOINTER	0x11	2	Invalid Pointer

## 218 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_CFSI03_BUFFERSIZEEQEQO	0x12	3	Buffer Size == 0

**USHORT APIENTRY mmioClose**(*HMMIO hmmio, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_C02_INVALIDFLAGS	0x10	2	Invalid Flags

**USHORT APIENTRY mmioCreateChunk**(*HMMIO hmmio, PMMCKINFO pckinfo, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_CC02_NULLPOINTER	0x10	2	NULL Pointer
PERR_CC02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_CC03_INVALIDFLAGS	0x12	3	Invalid Flags

**USHORT APIENTRY mmioDescend**(*HMMIO hmmio, PMMCKINFO pckinfo, PMMCKINFO pckinfoParent, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_D02_NULLPOINTER	0x10	2	NULL Pointer
PERR_D02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_D03_INVALIDPOINTER	0x12	3	Invalid Pointer
PERR_D04_INVALIDFLAGS	0x13	4	Invalid Flags

**ULONG APIENTRY mmioDetermineSSIOProc**(*PSZ pszFileName, PMMIOINFO pmmioinfo, PFOURCC pfccStorageSystem, PSZ pszParsedRemainder*)

Symbol	Value	Parameter	Problem
PERR_DSSIOP01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_DSSIOP02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_DSSIOP03_NULLPOINTER	0x12	3	NULL Pointer
PERR_DSSIOP03_INVALIDPOINTER	0x13	3	Invalid Pointer
PERR_DSSIOP04_NULLPOINTER	0x14	4	NULL Pointer
PERR_DSSIOP04_INVALIDPOINTER	0x15	4	Invalid Pointer



**ULONG APIENTRY mmioFindElement**(*ULONG ulCode, PSZ pszElement, ULONG ulElementLen, PSZ pszFile, ULONG ulReserved*)

Symbol	Value	Parameter	Problem
PERR_FE01_INVALIDENUMERATIONCODE	0x10	1	Invalid Enumeration Code
PERR_FE02_NULLPOINTER	0x11	2	NULL Pointer
PERR_FE02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_FE03_BUFFERLENGTH0	0x13	3	Buffer Length 0
PERR_FE04_NULLPOINTER	0x14	4	NULL Pointer
PERR_FE04_INVALIDPOINTER	0x15	4	Invalid Pointer
PERR_FE05_RESERVEDVALUENEQ0	0x16	5	Reserved Value ≠ 0

**USHORT APIENTRY mmioFlush**(*HMMIO hmmio, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_F04_INVALIDFLAG	0x10	4	Invalid Flag

**ULONG APIENTRY mmioGetFormatName**(*PMMFORMATINFO pmmformatinfo, PSZ pszFormatName, PLONG plBytesRead, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_GFN01_NULLPOINTER	0x10	1	NULL Pointer
PERR_GFN01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_GFN02_NULLPOINTER	0x12	2	NULL Pointer
PERR_GFN02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_GFN03_NULLPOINTER	0x14	3	NULL Pointer
PERR_GFN03_INVALIDPOINTER	0x15	3	Invalid Pointer
PERR_GFN03_BUFFERLENGTH0	0x16	3	Buffer Length 0

**ULONG APIENTRY mmioGetFormats**(*PMMFORMATINFO pmmformatinfo, LONG lNumFormats, PVOID pFormatInfoList, PLONG plFormatsRead, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_GF01_NULLPOINTER	0x10	1	NULL Pointer
PERR_GF01_INVALIDPOINTER	0x11	1	Invalid Pointer

## 220 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_GF02_FORMATSREQUESTEDLTEQ0	0x12	2	Formats Requested $\leq$ 0
PERR_GF03_NULLPOINTER	0x13	3	NULL Pointer
PERR_GF03_INVALIDPOINTER	0x14	3	Invalid Pointer
PERR_GF04_NULLPOINTER	0x15	4	NULL Pointer
PERR_GF04_INVALIDPOINTER	0x16	4	Invalid Pointer

**ULONG APIENTRY mmioGetHeader**(*HMMIO hmmio, PVOID pHeader, LONG lHeaderLength, PLONG plBytesRead, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_GH02_NULLPOINTER	0x10	2	NULL Pointer
PERR_GH02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_GH03_BUFFERLENGTHLTEQ0	0x12	3	Buffer Length $\leq$ 0
PERR_GH04_NULLPOINTER	0x13	4	NULL Pointer
PERR_GH04_INVALIDPOINTER	0x14	4	Invalid Pointer

**USHORT APIENTRY mmioGetInfo**(*HMMIO hmmio, PMMIOINFO pmmioinfo, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_GI02_NULLPOINTER	0x10	2	NULL Pointer
PERR_GI02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY mmioGetLastError**(*HMMIO hmmio*)

No parameter errors defined.

**ULONG APIENTRY mmioIdentifyFile**(*PSZ pszFileName, PMMIOINFO pmmioinfo, PMMFORMATINFO pmmformatinfo, PFOURCC pfccStorageSystem, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_IF01_NULLPOINTER	0x10	1	NULL Pointer
PERR_IF01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_IF02_NULLPOINTER	0x12	2	NULL Pointer
PERR_IF02_INVALIDPOINTER	0x13	2	Invalid Pointer



Symbol	Value	Parameter	Problem
PERR_IF03_NULLPOINTER	0x14	3	NULL Pointer
PERR_IF03_INVALIDPOINTER	0x15	3	Invalid Pointer
PERR_IF04_NULLPOINTER	0x16	4	NULL Pointer
PERR_IF04_INVALIDPOINTER	0x17	4	Invalid Pointer

**ULONG APIENTRY mmioIdentifyStorageSystem**(*PSZ pszFileName, PMMIOINFO pmmioinfo, PFOURCC pfccStorageSystem*)

Symbol	Value	Parameter	Problem
PERR_ISS01_NULLPOINTER	0x10	1	NULL Pointer
PERR_ISS01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_ISS02_INVALIDPOINTER	0x12	2	Invalid Pointer
PERR_ISS03_NULLPOINTER	0x13	3	NULL Pointer
PERR_ISS03_INVALIDPOINTER	0x14	3	Invalid Pointer

**ULONG APIENTRY mmioIniFileCODEC**(*PCODECINIFILEINFO pCODECIniFileInfo, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_IFCODEC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_IFCODEC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_IFCODEC02_INVALIDFLAGS	0x12	2	Invalid Flags

**ULONG APIENTRY mmioIniFileHandler**(*PMMINIFILEINFO pmminifileinfo, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_IFH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_IFH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_IFH02_INVALIDFLAGS	0x12	2	Invalid Flags
PERR_IFH02_EXTENDEDFLAGBITNOTSET	0x13	2	Extended Flag Bit Not Set

**PMMIOPROC APIENTRY mmioInstallIOProc**(*FOURCC fccIOProc, PMMIOPROC pIOProc, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_IOP02_INVALIDPOINTER	0x10	2	Invalid Pointer

## 222 Parameter Error Reference

Symbol	Value	Parameter	Problem
PERR_IIOF03_INVALIDFLAGS	0x11	3	Invalid Flags

**PCODECPROC APIENTRY mmioLoadCODECProc**(*PCODECINIFILEINFO pCODECIniFileInfo, PHMODULE phMod, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_LCODECP01_NULLPOINTER	0x10	1	NULL Pointer
PERR_LCODECP01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_LCODECP02_NULLPOINTER	0x12	2	NULL Pointer
PERR_LCODECP02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_LCODECP03_INVALIDFLAGS	0x14	3	Invalid Flags

**HMMIO APIENTRY mmioOpen**(*PSZ pszFileName, PMMIOINFO pmmioinfo, ULONG ulOpenFlags*)

Symbol	Value	Parameter	Problem
PERR_O01_INVALIDPOINTER	0x10	1	Invalid Pointer
PERR_O02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_O03_INVALIDFLAGS	0x12	3	Invalid Flags
PERR_O03_READFLAGUSEDWITHREADWRITEFLAG	0x13	3	Read Flag Used With Read/Write Flag
PERR_O03_WRITEFLAGUSEDWITHREADWRITEFLAG	0x14	3	Write Flag Used With Read/Write Flag

**ULONG APIENTRY mmioQueryCODECName**(*PCODECINIFILEINFO pCODECIniFileinfo, PSZ pszCODECName, PULONG pulBytesRead*)

Symbol	Value	Parameter	Problem
PERR_QCODECN01_NULLPOINTER	0x10	1	NULL Pointer
PERR_QCODECN01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_QCODECN02_NULLPOINTER	0x12	2	NULL Pointer
PERR_QCODECN02_INVALIDPOINTER	0x13	2	Invalid Pointer
PERR_QCODECN03_NULLPOINTER	0x14	3	NULL Pointer
PERR_QCODECN03_INVALIDPOINTER	0x15	3	Invalid Pointer
PERR_QCODECN03_NAMEBUFFERSIZEEQEQ0	0x16	3	Name Buffer Size == 0



**ULONG APIENTRY mmioQueryCODECNameLength**(*PCODECINIFILEINFO pCODECIniFileinfo, PULONG pulNameLength*)

Symbol	Value	Parameter	Problem
PERR_QCODECNL01_NULLPOINTER	0x10	1	NULL Pointer
PERR_QCODECNL01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_QCODECNL02_NULLPOINTER	0x12	2	NULL Pointer
PERR_QCODECNL02_INVALIDPOINTER	0x13	2	Invalid Pointer

**ULONG APIENTRY mmioQueryFormatCount**(*PMMFORMATINFO pmmformatinfo, PLONG plNumFormats, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_QFC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_QFC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_QFC02_NULLPOINTER	0x12	2	NULL Pointer
PERR_QFC02_INVALIDPOINTER	0x13	2	Invalid Pointer

**ULONG APIENTRY mmioQueryHeaderLength**(*HMMIO hmmio, PLONG plHeaderLength, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_QHL02_NULLPOINTER	0x10	2	NULL Pointer
PERR_QHL02_INVALIDPOINTER	0x11	2	Invalid Pointer

**ULONG APIENTRY mmioQueryIOProcModuleHandle**(*PMMIOPROC pIOProc, PHMODULE phmodIOProc*)

Symbol	Value	Parameter	Problem
PERR_QIOPMH01_NULLPOINTER	0x10	1	NULL Pointer
PERR_QIOPMH01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_QIOPMH02_NULLPOINTER	0x12	2	NULL Pointer
PERR_QIOPMH02_INVALIDPOINTER	0x13	2	Invalid Pointer

## 224 Parameter Error Reference

**LONG APIENTRY mmioRead**(*HMMIO hmmio, PCHAR pchBuffer, LONG cBytes*)

Symbol	Value	Parameter	Problem
PERR_R02_NULLPOINTER	0x10	2	NULL Pointer
PERR_R02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_R03_BUFFERLENGTHLTEQ0	0x12	3	Buffer Length ≤ 0

**ULONG APIENTRY mmioRemoveElement**(*PSZ pszFileElement, ULONG ulFlag*)

Symbol	Value	Parameter	Problem
PERR_RE01_NULLPOINTER	0x10	1	NULL Pointer
PERR_RE01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_RE02_INVALIDFLAG	0x12	2	Invalid Flag

**LONG APIENTRY mmioSeek**(*HMMIO hmmio, LONG lOffset, LONG lOrigin*)

Symbol	Value	Parameter	Problem
PERR_S03_INVALIDORIGIN	0x10	3	Invalid Origin

**LONG APIENTRY mmioSendMessage**(*HMMIO hmmio, USHORT usMsg, LONG lParam1, LONG lParam2*)

No parameter errors defined.

**ULONG APIENTRY mmioSet**(*HMMIO hmmio, PMMEXTENDINFO pUserExtendmminfo, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_S02_NULLPOINTER	0x10	2	NULL Pointer
PERR_S02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_S03_INVALIDFLAGS	0x12	3	Invalid Flags

**USHORT APIENTRY mmioSetBuffer**(*HMMIO hmmio, PCHAR pchBuffer, LONG cBytes, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_SB02_NULLPOINTER	0x10	2	NULL Pointer

Symbol	Value	Parameter	Problem
PERR_SB02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_SB03_BUFFERLENGTHLTEQ0	0x12	3	Buffer Length $\leq 0$

**ULONG APIENTRY mmioSetHeader**(*HMMIO hmmio, PVOID pHeader, LONG lHeaderLength, PLONG plBytesWritten, ULONG ulReserved, ULONG ulFlags*)

Symbol	Value	Parameter	Problem
PERR_SH02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SH02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_SH03_BUFFERLENGTHLTEQ0	0x12	3	buffer Length $\leq 0$
PERR_SH04_NULLPOINTER	0x13	4	NULL Pointer
PERR_SH04_INVALIDPOINTER	0x14	4	Invalid Pointer

**USHORT APIENTRY mmioSetInfo**(*HMMIO hmmio, PMMIOINFO pmmioinfo, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_SI02_NULLPOINTER	0x10	2	NULL Pointer
PERR_SI02_INVALIDPOINTER	0x11	2	Invalid Pointer

**FOURCC APIENTRY mmioStringToFOURCC**(*PSZ pszString, USHORT usFlags*)

Symbol	Value	Parameter	Problem
PERR_STFOURCC01_NULLPOINTER	0x10	1	NULL Pointer
PERR_STFOURCC01_INVALIDPOINTER	0x11	1	Invalid Pointer
PERR_STFOURCC02_INVALIDFLAGS	0x12	2	Invalid Flags

**LONG APIENTRY mmioWrite**(*HMMIO hmmio, PCHAR pchBuffer, LONG cBytes*)

Symbol	Value	Parameter	Problem
PERR_W02_NULLPOINTER	0x10	2	NULL Pointer
PERR_W02_INVALIDPOINTER	0x11	2	Invalid Pointer
PERR_W03_BUFFERLENGTHLTEQ0	0x12	3	buffer Length $\leq 0$

## 226 Parameter Error Reference

**HWND APIENTRY WinCreateSecondaryWindow**(*HWND hwndParent, HWND hwndOwner, PFNWNDPROC pfnDlgProc, PDLGTEMPLATE pdlg, PVOID pCreateParams*)

Symbol	Value	Parameter	Problem
PERR_WCSW01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WCSW02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WCSW03_NULLADDRESS	0x03	3	NULL Address
PERR_WCSW03_INVALIDADDRESS	0x04	3	Invalid Address
PERR_WCSW04_NULLTEMPLATEPOINTER	0x05	4	NULL Template Pointer
PERR_WCSW04_INVALIDTEMPLATEPOINTER	0x06	4	Invalid Template Pointer
PERR_WCSW05_INVALIDCREATEPARAMSPOINTER	0x07	5	Invalid Create Params Pointer

**MRESULT APIENTRY WinDefSecondaryWindowProc**(*HWND hwnd, ULONG msg, MPARAM mp1, MPARAM mp2*)

Symbol	Value	Parameter	Problem
PERR_WDSWP01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinDefaultSize**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WDS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinDestroySecondaryWindow**(*HWND hwnd*)

Symbol	Value	Parameter	Problem
PERR_WDSW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinDismissSecondaryWindow**(*HWND hwndDlg, ULONG ulResult*)

Symbol	Value	Parameter	Problem
PERR_WDSW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**BOOL APIENTRY WinInsertDefaultSize**(*HWND hwnd, PSZ pszDefaultSize*)

Symbol	Value	Parameter	Problem
PERR_WIDS01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle
PERR_WIDS02_INVALIDPOINTER	0x02	2	Invalid Pointer
PERR_WIDS03_NULLPOINTER	0x03	3	NULL Pointer

**HWND APIENTRY WinLoadSecondaryWindow**(*HWND hwndParent, HWND hwndOwner, PFNWP pfnDlgProc, HMODULE hmod, ULONG idDlg, PVOID pCreateParams*)

Symbol	Value	Parameter	Problem
PERR_WLSW01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WLSW02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WLSW03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WLSW03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WLSW04_INVALIDMODULEHANDLE	0x05	4	Invalid Module Handle
PERR_WLSW05_DIALOGUEIDGT65535	0x06	5	Dialogue ID > 65,535
PERR_WLSW06_INVALIDPOINTER	0x07	6	Invalid Pointer

**ULONG APIENTRY WinProcessSecondaryWindow**(*HWND hwndSW*)

Symbol	Value	Parameter	Problem
PERR_WPSW01_INVALIDWINDOWHANDLE	0x01	1	Invalid Window Handle

**HWND APIENTRY WinQuerySecondaryHWND**(*HWND hwnd, ULONG ulFlag*)

Symbol	Value	Parameter	Problem
PERR_WQSHWND01_INVALIDSECONDARYWINDOWHANDLE	0x01	1	Invalid Secondary Window Handle
PERR_WQSHWND02_INVALIDFLAG	0x02	2	Invalid Flag

**BOOL APIENTRY WinRegisterCircularSlider**(*VOID*)

No parameter errors defined.

## 228 Parameter Error Reference

### BOOL APIENTRY WinRegisterGraphicButton(VOID)

No parameter errors defined.

### ULONG APIENTRY WinSecondaryMessageBox(HWND hwndParent, HWND hwndOwner, PSZ pszText, PSZ pszCaption, ULONG idWindow, PSMBINFO psmbinfo)

Symbol	Value	Parameter	Problem
PERR_WSMB01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WSMB02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WSMB03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WSMB03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WSMB04_INVALIDPOINTER	0x05	4	Invalid Pointer
PERR_WSMB05_WINDOWIDGT65535	0x06	5	Window ID >65535
PERR_WSMB06_NULLPOINTER	0x07	6	NULL Pointer
PERR_WSMB06_INVALIDPOINTER	0x08	6	Invalid Pointer

### ULONG APIENTRY WinSecondaryWindow(HWND hwndParent, HWND hwndOwner, PFNWP pfnDlgProc, HMODULE hmod, ULONG idDlg, PVOID pCreateParams)

Symbol	Value	Parameter	Problem
PERR_WSW01_INVALIDPARENTWINDOWHANDLE	0x01	1	Invalid Parent Window Handle
PERR_WSW02_INVALIDOWNERWINDOWHANDLE	0x02	2	Invalid Owner Window Handle
PERR_WSW03_NULLPOINTER	0x03	3	NULL Pointer
PERR_WSW03_INVALIDPOINTER	0x04	3	Invalid Pointer
PERR_WSW04_INVALIDRESOURCEMODULEHANDLE	0x05	4	Invalid Resource Module Handle
PERR_WSW05_DIALOGUEIDGT65535	0x06	5	Dialogue ID > 65,535
PERR_WSW06_INVALIDPOINTER	0x07	6	Invalid Pointer



# Control Messages

## BM\_\* Messages (Buttons)

Symbol	Value	Problem
BMERR_INVALIDMSG	0x80	Invalid Message
BMERR_MP1GT2	0x81	mp1 > 2
BMERR_MP1MP2NE0	0x82	mp1 ≠ 0 and mp2 ≠ 0
BMERR_MP1NE0	0x83	mp1 ≠ 0
BMERR_MP1NOTTRUEFALSE	0x84	mp1 ≠ TRUE and mp1 ≠ FALSE
BMERR_MP2NE0	0x85	mp2 ≠ 0

## CSM\_\* Messages (Circular Slider)

Symbol	Value	Problem
CSMERR_INVALIDMSG	0x80	Invalid Message
CSMERR_INVALIDPTR	0x81	Invalid Pointer
CSMERR_MP2NE0	0x82	mp2 ≠ 0
CSMERR_NULLPTR	0x83	NULL Pointer

## CBM\_\* Messages (Combination Boxes)

Symbol	Value	Problem	
CEMERR_INVALIDFLAG	0x80	Invalid Flag	[Entry Field]
CEMERR_LIMITLT0	0x81	Limit < 0	[Entry Field]
CEMERR_LIMITTOOLARGE	0x82	Limit Too Large	[Entry Field]
CEMERR_LOWLIMITGTHILIMIT	0x83	Low Limit > High Limit	[Entry Field]
CEMERR_MP1MP2NE0	0x84	mp1 ≠ 0 and mp2 ≠ 0	[Entry Field]
CEMERR_MP1NE0	0x85	mp1 ≠ 0	[Entry Field]
CEMERR_MP2NE0	0x86	mp2 ≠ 0	[Entry Field]
CEMERR_VALUELTO	0x87	Value < 0	[Entry Field]



## 230 Parameter Error Reference

Symbol	Value	Problem	
CLMERR_COUNTLT0	0x88	Count < 0	[List Box]
CLMERR_INVALIDFLAG	0x89	Invalid Flag	[List Box]
CLMERR_INVALIDITEMINDEX	0x8a	Invalid Item Index	[List Box]
CLMERR_INVALIDPTR	0x8b	Invalid Pointer	[List Box]
CLMERR_INVALIDSORTOPTION	0x8c	Invalid Sort Option	[List Box]
CLMERR_MP1MP2NE0	0x8d	mp1 ≠ 0 and mp2 ≠ 0	[List Box]
CLMERR_MP1NE0	0x8e	mp1 ≠ 0	[List Box]
CLMERR_MP2NE0	0x8f	mp2 ≠ 0	[List Box]
CLMERR_NULLPTR	0x90	NULL Pointer	[List Box]
CBMERR_INVALIDMSG	0x91	Invalid Message	

### **C M \_ \* M e s s a g e s (Containers)**

Symbol	Value	Problem
CMERR_COORDSPACE	0x80	Invalid Co-ordinate Space
CMERR_INVALIDCMD	0x81	Invalid Command
CMERR_INVALIDFLAGS	0x82	Invalid Flags
CMERR_INVALIDINVLFLAG	0x83	Invalid Invalidate Flag
CMERR_INVALIDMSG	0x84	Invalid Message
CMERR_INVALIDPTR	0x85	Invalid Pointer
CMERR_INVALIDSEMPHASISFLAG	0x86	Invalid Emphasis Flag
CMERR_INVALIDSPLITFLAG	0x87	Invalid Split Flag
CMERR_INVCMD	0x88	Invalid Record Command
CMERR_INVIRECTION	0x89	Invalid Direction
CMERR_INVENUMORDER	0x8a	Invalid Enumeration Order
CMERR_INVFLAGCOMBO	0x8b	Invalid Flag Combination
CMERR_INVMASK	0x8c	Invalid Mask
CMERR_INVWININDICATOR	0x8d	Invalid Window Indicator
CMERR_MP1MP2NE0	0x8e	mp1 ≠ 0 and mp2 ≠ 0
CMERR_MP1NE0	0x8f	mp1 ≠ 0
CMERR_MP2NE0	0x90	mp2 ≠ 0
CMERR_NULLPTR	0x91	NULL Pointer
CMERR_VALUEEQ0	0x92	Value = 0
CMERR_VALUEGT64000	0x93	Value > 64,000



**E M \_ \* M e s s a g e s****(Entry Fields)**

Symbol	Value	Problem
EMERR_INVALIDFLAG	0x80	Invalid Flag
EMERR_INVALIDMSG	0x81	Invalid Message
EMERR_LIMITLT0	0x82	Limit < 0
EMERR_LIMITTOOLARGE	0x83	Limit Too Large
EMERR_LOWLIMITGTHLIMIT	0x84	Low Limit > Height
EMERR_MP1MP2NE0	0x85	mp1 ≠ 0 and mp2 ≠ 0
EMERR_MP1NE0	0x86	mp1 ≠ 0
EMERR_MP2NE0	0x87	mp2 ≠ 0
EMERR_VALUETO	0x88	Value < 0

**G B M \_ \* M e s s a g e s****(Graphic Buttons)**

Symbol	Value	Problem
GBMERR_INVALIDATTRIBUTE	0x80	Invalid Attribute
GBMERR_INVALIDCONTINUEFLAG	0x81	Invalid Continue Flag
GBMERR_INVALIDMSG	0x82	Invalid Message
GBMERR_INVALIDPTR	0x83	Invalid Pointer
GBMERR_INVALIDREGION	0x84	Invalid Region
GBMERR_INVALIDREPAINTFLAG	0x85	Invalid Repaint Flag
GBMERR_INVALIDSTARTFLAG	0x86	Invalid Start Flag
GBMERR_INVALIDSTATE	0x87	Invalid State
GBMERR_MP1MP2NE0	0x88	mp1 ≠ 0 and mp2 ≠ 0
GBMERR_MP1NE0	0x89	mp1 ≠ 0
GBMERR_MP2NE0	0x8a	mp2 ≠ 0
GBMERR_NULLPTR	0x8b	NULL Pointer



## 232 Parameter Error Reference

### **L M \_ \* M e s s a g e s (List Boxes)**

<b>Symbol</b>	<b>Value</b>	<b>Problem</b>
LMERR_COUNTLT0	0x80	Count < 0
LMERR_INVALIDFLAG	0x81	Invalid Flag
LMERR_INVALIDITEMINDEX	0x82	Invalid Item Index
LMERR_INVALIDMSG	0x83	Invalid Message
LMERR_INVALIDPTR	0x84	Invalid Pointer
LMERR_INVALIDSORTOPTION	0x85	Invalid Sort Option
LMERR_MP1MP2NE0	0x86	mp1 ≠ 0 and mp2 ≠ 0
LMERR_MP1NE0	0x87	mp1 ≠ 0
LMERR_MP2NE0	0x88	mp2 ≠ 0
LMERR_NULLPTR	0x89	NULL Pointer

### **M M \_ \* M e s s a g e s (Menus)**

<b>Symbol</b>	<b>Value</b>	<b>Problem</b>
MMERR_IDGT65535	0x80	ID > 65,535
MMERR_INDEXLT0	0x81	Index < 0
MMERR_INVALIDATTRIBUTE	0x82	Invalid Attribute
MMERR_INVALIDFLAG	0x83	Invalid Flag
MMERR_INVALIDMASK	0x84	Invalid Mask
MMERR_INVALIDMSG	0x85	Invalid Message
MMERR_INVALIDPTR	0x86	Invalid Pointer
MMERR_INVALIDRESUMEFLAG	0x87	Invalid Resume Flag
MMERR_INVALIDSHOWFLAG	0x88	Invalid Show Flag
MMERR_ITEMIDINVALID	0x89	Invalid Item ID
MMERR_MP1MP2NE0	0x8a	mp1 ≠ 0 and mp2 ≠ 0
MMERR_MP1NE0	0x8b	mp1 ≠ 0
MMERR_MP2NE0	0x8c	mp2 ≠ 0
MMERR_NULLPTR	0x8d	NULL Pointer
MMERR_RESERVEDNE0	0x8e	Reserved ≠ 0
MMERR_SIZELT1	0x8f	Size < 1

**MLM\_\* Messages (Multi-line Entry Fields)**

Symbol	Value	Problem
MLMERR_INVALIDFLAGS	0x80	Invalid Flags
MLMERR_INVALIDFORMAT	0x81	Invalid Format
MLMERR_INVALIDFORMATFLAGS	0x82	Invalid Format Flags
MLMERR_INVALIDINSERTPOINT	0x83	Invalid Insert Point
MLMERR_INVALIDMSG	0x84	Invalid Message
MLMERR_INVALIDPTR	0x85	Invalid Pointer
MLMERR_INVALIDSEARCHFLAGS	0x86	Invalid Search Flags
MLMERR_LINELTO	0x87	Line < 0
MLMERR_MP1MP2NE0	0x88	mp1 ≠ 0 and mp2 ≠ 0
MLMERR_MP1NE0	0x89	mp1 ≠ 0
MLMERR_MP2NE0	0x8a	mp2 ≠ 0
MLMERR_NULLPTR	0x8b	NULL Pointer

**BKM\_\* Messages (Notebooks)**

Symbol	Value	Problem
BKMERR_BITMAP	0x80	Invalid Bitmap
BKMERR_INVALIDATTRIBUTE	0x81	Invalid Attribute
BKMERR_INVALIDFLAG	0x82	Invalid Flag
BKMERR_INVALIDHWND	0x83	Invalid Window Handle
BKMERR_INVALIDMSG	0x84	Invalid Message
BKMERR_INVALIDORDERATTRIBUTE	0x85	Invalid Order Attribute
BKMERR_INVALIDPTR	0x86	Invalid Pointer
BKMERR_INVALIDREGION	0x87	Invalid Region
BKMERR_INVALIDSTYLE	0x88	Invalid Style
BKMERR_INVALIDSTYLEATTRIBUTE	0x89	Invalid Style Attribute
BKMERR_MP1MP2NE0	0x8a	mp1 ≠ 0 and mp2 ≠ 0
BKMERR_MP1NE0	0x8b	mp1 ≠ 0
BKMERR_MP2NE0	0x8c	mp2 ≠ 0
BKMERR_NULLPTR	0x8d	NULL Pointer

## 234 Parameter Error Reference

### **S B M \_ \* M e s s a g e s ( S c r o l l B a r s )**

<b>Symbol</b>	<b>Value</b>	<b>Problem</b>
SBMERR_HILIMITLT0	0x80	High Limit < 0
SBMERR_INVALIDMSG	0x81	Invalid Message
SBMERR_LOWGTHI	0x82	Low > High
SBMERR_LOWLIMITLT0	0x83	Low Limit < 0
SBMERR_MP1MP2NE0	0x84	mp1 ≠ 0 and mp2 ≠ 0
SBMERR_MP1NE0	0x85	mp1 ≠ 0
SBMERR_MP2NE0	0x86	mp2 ≠ 0
SBMERR_SIZELT0	0x87	Size < 0
SBMERR_TOTALLT0	0x88	Total < 0
SBMERR_VALUELTO	0x89	Value < 0

### **S K M \_ \* M e s s a g e s ( S k e t c h )**

<b>Symbol</b>	<b>Value</b>	<b>Problem</b>
SKMERR_INVALIDCLRINDEX	0x80	Invalid Colour Index
SKMERR_INVALIDFLAGS	0x81	Invalid Flags
SKMERR_INVALIDMSG	0x82	Invalid Message
SKMERR_INVALIDPOINTER	0x83	Invalid Mouse Pointer
SKMERR_INVALIDPTR	0x84	Invalid Pointer
SKMERR_INVALIDWIDTH	0x85	Invalid Width
SKMERR_MP1MP2NE0	0x86	mp1 ≠ 0 and mp2 ≠ 0
SKMERR_MP1NE0	0x87	mp1 ≠ 0
SKMERR_MP2NE0	0x88	mp2 ≠ 0
SKMERR_NULLPTR	0x89	NULL Pointer

**S L M \_ \* M e s s a g e s (Sliders)**

Symbol	Value	Problem
SLMERR_INVALIDATTRIBUTE	0x80	Invalid Attribute
SLMERR_INVALIDFORMAT	0x81	Invalid Format
SLMERR_INVALIDMSG	0x82	Invalid Message
SLMERR_INVALIDPTR	0x83	Invalid Pointer
SLMERR_MP2NE0	0x84	mp2 ≠ 0
SLMERR_NULLPTR	0x85	NULL Pointer

**S P M \_ \* M e s s a g e s (Spin Buttons)**

Symbol	Value	Problem
SPBMERR_INVALIDCOUNT	0x80	Invalid Count
SPBMERR_INVALIDFLAG	0x81	Invalid Flag
SPBMERR_INVALIDMSG	0x82	Invalid Message
SPBMERR_INVALIDPTR	0x83	Invalid Pointer
SPBMERR_INVALIDWINDOW	0x84	Invalid Window
SPBMERR_LIMITLT0	0x85	Limit < 0
SPBMERR_LIMITTOOLARGE	0x86	Limit Too Large
SPBMERR_LOWLIMITGTHLIMIT	0x87	Low Limit > High Limit
SPBMERR_MP2NE0	0x88	mp2 ≠ 0
SPBMERR_NULLPTR	0x89	NULL Pointer
SPBMERR_VALUELTO	0x8a	Value < 0

**S M \_ \* M e s s a g e s (Statics)**

Symbol	Value	Problem
SMERR_BITMAP	0x80	Invalid Bitmap
SMERR_INVALIDMSG	0x81	Invalid Message
SMERR_MP1MP2NE0	0x82	mp1 ≠ 0 and mp2 ≠ 0
SMERR_MP1NE0	0x83	mp1 ≠ 0
SMERR_MP2NE0	0x84	mp2 ≠ 0

## 236 Parameter Error Reference

### **T B M \_ \* M e s s a g e s (Title Bars)**

<b>Symbol</b>	<b>Value</b>	<b>Problem</b>
TBMERR_INVALIDFLAG	0x80	Invalid Flag
TBMERR_INVALIDMSG	0x81	Invalid Message
TBMERR_MP1MP2NE0	0x82	mp1 ≠ 0 and mp2 ≠ 0
TBMERR_MP1NE0	0x83	mp1 ≠ 0
TBMERR_MP2NE0	0x84	mp2 ≠ 0

### **V M \_ \* M e s s a g e s (Value Sets)**

<b>Symbol</b>	<b>Value</b>	<b>Problem</b>
VMERR_COLINDEX0	0x80	Column Index 0
VMERR_INVALIDATTRIBUTE	0x81	Invalid Attribute
VMERR_INVALIDFLAGS	0x82	Invalid Flags
VMERR_INVALIDITEMBASEATTR	0x83	Invalid Item Base Attribute
VMERR_INVALIDMSG	0x84	Invalid Message
VMERR_INVALIDPTR	0x85	Invalid Pointer
VMERR_INVALIDRESETFLAG	0x86	Invalid Reset Flag
VMERR_MP1MP2NE0	0x87	mp1 ≠ 0 and mp2 ≠ 0
VMERR_MP1NE0	0x88	mp1 ≠ 0
VMERR_MP2NE0	0x89	mp2 ≠ 0
VMERR_NULLPTR	0x8a	NULL Pointer
VMERR_ROWINDEX0	0x8b	Row Index 0
VMERR_VALUFLT2	0x8c	Value < 2