

## Errors Returned from Base OS/2 Calls

#	Identifier	Description
1	ERROR_INVALID_FUNCTION	Invalid function number.
2	ERROR_FILE_NOT_FOUND	File not found.
3	ERROR_PATH_NOT_FOUND	Path not found.
4	ERROR_TOO_MANY_OPEN_FILES	Too many open files (no handles left).
5	ERROR_ACCESS_DENIED	Access denied.
6	ERROR_INVALID_HANDLE	Invalid handle.
7	ERROR_ARENA_TRASHED	Memory control blocks destroyed.
8	ERROR_NOT_ENOUGH_MEMORY	Insufficient memory.
9	ERROR_INVALID_BLOCK	Invalid memory-block address.
10	ERROR_BAD_ENVIRONMENT	Invalid environment.
11	ERROR_BAD_FORMAT	Invalid format.
12	ERROR_INVALID_ACCESS	Invalid access code.
13	ERROR_INVALID_DATA	Invalid data.
14		Reserved.
15	ERROR_INVALID_DRIVE	Invalid drive specified.
16	ERROR_CURRENT_DIRECTORY	Attempting to remove current directory.
17	ERROR_NOT_SAME_DEVICE	Not same device.
18	ERROR_NO_MORE_FILES	No more files.
19	ERROR_WRITE_PROTECT	Attempt to write on write-protected diskette.
20	ERROR_BAD_UNIT	Unknown unit.
21	ERROR_NOT_READY	Drive not ready.
22	ERROR_BAD_COMMAND	Unknown command.
23	ERROR_CRC	Data error (CRC).
24	ERROR_BAD_LENGTH	Bad request structure length.
25	ERROR_SEEK	Seek error.
26	ERROR_NOT_DOS_DISK	Unknown media type.
27	ERROR_SECTOR_NOT_FOUND	Sector not found.
28	ERROR_OUT_OF_PAPER	Printer out of paper.
29	ERROR_WRITE_FAULT	Write fault.
30	ERROR_READ_FAULT	Read fault.
31	ERROR_GEN_FAILURE	General failure.
32	ERROR_SHARING_VIOLATION	Sharing violation.
33	ERROR_LOCK_VIOLATION	Lock violation.
34	ERROR_WRONG_DISK	Invalid disk change.
35	ERROR_FCB_UNAVAILABLE	FCB unavailable.
36	ERROR_SHARING_BUFFER_EXCEEDED	Sharing buffer overflow.
37-49		Reserved.
50	ERROR_NOT_SUPPORTED	Network request not supported.
65		Access denied.
73-79		Reserved.
80	ERROR_FILE_EXISTS	File exists.
81	ERROR_DUP_FCB	Reserved.
82	ERROR_CANNOT_MAKE	Cannot make directory entry.

#	Identifier	Description
83	ERROR_FAIL_I24	Fail on INT 24.
84	ERROR_OUT_OF_STRUCTURES	Too many redirections.
85	ERROR_ALREADY_ASSIGNED	Duplicate redirection.
86	ERROR_INVALID_PASSWORD	Invalid password.
87	ERROR_INVALID_PARAMETER	Invalid parameter.
88	ERROR_NET_WRITE_FAULT	Network device fault.
89	ERROR_NO_PROC_SLOTS	No process slots available.
90	ERROR_NOT_FROZEN	System error.
91	ERR_TSTOVFL	Timer service table overflow.
92	ERR_TSTDUP	Timer service table duplicate.
93	ERROR_NO_ITEMS	No items to work on.
95	ERROR_INTERRUPT	Interrupted system call.
99	ERROR_DEVICE_IN_USE	Device in use.
100	ERROR_TOO_MANY_SEMAPHORES	User/system open semaphore limit exceeded.
101	ERROR_EXCL_SEM_ALREADY_OWNED	Exclusive semaphore already owned.
102	ERROR_SEM_IS_SET	DosCloseSem found semaphore set.
103	ERROR_TOO_MANY_SEM_REQUESTS	Too many exclusive semaphore requests.
104	ERROR_INVALID_AT_INTERRUPT_TIME	Operation invalid at interrupt time.
105	ERROR_SEM_OWNER_DIED	Previous semaphore owner terminated without freeing semaphore.
106	ERROR_SEM_USER_LIMIT	Semaphore limit exceeded.
107	ERROR_DISK_CHANGE	Insert drive B disk into drive A.
108	ERROR_DRIVE_LOCKED	Drive locked by another process.
109	ERROR_BROKEN_PIPE	Write on pipe with no reader.
110	ERROR_OPEN_FAILED	Open/create failed due to explicit fail command.
111	ERROR_BUFFER_OVERFLOW	Buffer passed to system call too small to hold return data.
112	ERROR_DISK_FULL	Not enough space on the disk.
113	ERROR_NO_MORE_SEARCH_HANDLES	Cannot allocate another search structure and handle.
114	ERROR_INVALID_TARGET_HANDLE	Target handle in DosDupHandle invalid.
115	ERROR_PROTECTION_VIOLATION	Bad user virtual address.
116	ERROR_VIOKBD_REQUEST	Error on display write or keyboard read.
117	ERROR_INVALID_CATEGORY	Category for DevIOCtl not defined.
118	ERROR_INVALID_VERIFY_SWITCH	Invalid value passed for verify flag.
119	ERROR_BAD_DRIVER_LEVEL	Level four driver not found.
120	ERROR_CALL_NOT_IMPLEMENTED	Invalid function called.
121	ERROR_SEM_TIMEOUT	Time out occurred from semaphore API function.
122	ERROR_INSUFFICIENT_BUFFER	Data buffer too small.
123	ERROR_INVALID_NAME	Illegal character or bad file-system name.
124	ERROR_INVALID_LEVEL	Non-implemented level for information retrieval or setting.
125	ERROR_NO_VOLUME_LABEL	No volume label found with DosQFslInfo command.
126	ERROR_MOD_NOT_FOUND	Module handle not found with getprocaddr, getmodhandle.
127	ERROR_PROC_NOT_FOUND	Procedure address not found with getprocaddr.

#	Identifier	Description
128	ERROR_WAIT_NO_CHILDREN	DosCwait finds no children.
129	ERROR_CHILD_NOT_COMPLETE	DosCwait children not terminated.
130	ERROR_DIRECT_ACCESS_HANDLE	Handle operation invalid for direct disk-accesshandles.
131	ERROR_NEGATIVE_SEEK	Attempting seek to negative offset.
132	ERROR_SEEK_ON_DEVICE	Application trying to seek on device or pipe.
133	ERROR_IS_JOIN_TARGET	Drive has previously joined drives.
134	ERROR_IS_JOINED	Drive is already joined.
135	ERROR_IS_SUBSTED	Drive is already substituted.
136	ERROR_NOT_JOINED	Cannot delete drive that is not joined.
137	ERROR_NOT_SUBSTED	Cannot delete drive that is not substituted.
138	ERROR_JOIN_TO_JOIN	Cannot join to a joined drive.
139	ERROR_SUBST_TO_SUBST	Cannot substitute to a substituted drive.
140	ERROR_JOIN_TO_SUBST	Cannot join to a substituted drive.
141	ERROR_SUBST_TO_JOIN	Cannot substitute to a joined drive.
142	ERROR_BUSY_DRIVE	Specified drive is busy.
143	ERROR_SAME_DRIVE	Cannot join or substitute a drive to a directory on the same drive.
144	ERROR_DIR_NOT_ROOT	Directory must be a subdirectory of the root.
145	ERROR_DIR_NOT_EMPTY	Directory must be empty to use join command.
146	ERROR_IS_SUBST_PATH	Path specified is being used in a substitute.
147	ERROR_IS_JOIN_PATH	Path specified is being used in join.
148	ERROR_PATH_BUSY	Path specified is being used by another process.
149	ERROR_IS_SUBST_TARGET	Cannot join or substitute drive having directory that is target of a previous substitute.
150	ERROR_SYSTEM_TRACE	System trace error.
151	ERROR_INVALID_EVENT_COUNT	DosMuxSemWait errors.
152	ERROR_TOO_MANY_MUXWAITERS	System limit of 100 entries reached.
153	ERROR_INVALID_LIST_FORMAT	Invalid list format.
154	ERROR_LABEL_TOO_LONG	Volume label too big.
155	ERROR_TOO_MANY_TCBS	Cannot create another TCB.
156	ERROR_SIGNAL_REFUSED	Signal refused.
157	ERROR_DISCARDED	Segment is discarded.
158	ERROR_NOT_LOCKED	Segment not locked.
159	ERROR_BAD_THREADID_ADDR	Bad thread-identity address.
160	ERROR_BAD_ARGUMENTS	Bad environment pointer.
161	ERROR_BAD_PATHNAME	Bad path name passed to exec.
162	ERROR_SIGNAL_PENDING	Signal already pending.
163	ERROR_UNCERTAIN_MEDIA	ERROR_I24 mapping.
164	ERROR_MAX_THRDS_REACHED	No more process slots.
165	ERROR_MONITORS_NOT_SUPPORTED	ERROR_I24 mapping.
166	ERROR_UNC_DRIVER_NOT_INSTALLED	Default redir return code
167	ERROR_LOCK_FAILED	Locking failed.
168	ERROR_SWAPIO_FAILED	Swap IO failed.
169	ERROR_SWAPIN_FAILED	Swap in failed.
170	ERROR_BUSY	Busy.

#	Identifier	Description
180	ERROR_INVALID_SEGMENT_NUMBER	Invalid segment number.
181	ERROR_INVALID_CALLGATE	Invalid call gate.
182	ERROR_INVALID_ORDINAL	Invalid ordinal.
183	ERROR_ALREADY_EXISTS	Shared segment already exists.
184	ERROR_NO_CHILD_PROCESS	No child process to wait for.
185	ERROR_CHILD_ALIVE_NOWAIT	NoWait specified and child alive.
186	ERROR_INVALID_FLAG_NUMBER	Invalid flag number.
187	ERROR_SEM_NOT_FOUND	Semaphore does not exist.
188	ERROR_INVALID_STARTING_CODESEG	Invalid starting code segment,incorrect END (label) directive.
189	ERROR_INVALID_STACKSEG	Invalid stack segment.
190	ERROR_INVALID_MODULETYPE	Invalid module type - dynamic-link library file cannot be used as an application. Application cannot be used as a dynamic-link library.
191	ERROR_INVALID_EXE_SIGNATURE	Invalid EXE signature - file is DOS mode program or improper program.
192	ERROR_EXE_MARKED_INVALID	EXE marked invalid - link detected errors when application created.
193	ERROR_BAD_EXE_FORMAT	Bad EXE format - file is DOS mode program or improper program.
194	ERROR_ITERATED_DATA_EXCEEDS_64K	Iterated data exceeds 64KB - more than 64KB of data in one of the segments of the file.
195	ERROR_INVALID_MINALLOCSIZE	Invalid minimum allocation size - size is specified to be less than the size of the segment data in the file.
196	ERROR_DYNLINK_FROM_INVALID_RING	Dynamic link from invalid privilege level - privilege level 2 routine cannot link to dynamic-link libraries.
197	ERROR_IOPL_NOT_ENABLED	IOPL not enabled - IOPL set to "NO" in CONFIG.SYS.
198	ERROR_INVALID_SEGDPL	Invalid segment descriptor privilege level - can only have privilege levels of 2 and 3.
199	ERROR_AUTODATASEG_EXCEEDS_64k	Automatic data segment exceeds 64KB.
200	ERROR_RING2SEG_MUST_BE_MOVABLE	Privilege level 2 segment must be movable.
201	ERROR_RELOC_CHAIN_XEEDS_SEGLIM	Relocation chain exceeds segment limit.
202	ERROR_INFLOOP_IN_RELOC_CHAIN	Infinite loop in relocation chain segment.
203	ERROR_ENVVAR_NOT_FOUND	Environment variable not found.
204	ERROR_NOT_CURRENT_CTRY	Not current country.
205	ERROR_NO_SIGNAL_SENT	No signal sent - no process in the command subtree has a signal handler.
206	ERROR_FILENAME_EXCED_RANGE	File name or extension greater than "8.3" characters.
207	ERROR_RING2_STACK_IN_USE	Privilege level 2 stack in use.
208	ERROR_META_EXPANSION_TOO_LONG	Meta (global) expansion is too long.
209	ERROR_INVALID_SIGNAL_NUMBER	Invalid signal number.
210	ERROR_THREAD_1_INACTIVE	Inactive thread.
211	ERROR_INFO_NOT_AVAIL	File system information not available for this file.
212	ERROR_LOCKED	Locked error.
213	ERROR_BAD_DYNALINK	Attempted to execute non-family API in DOS mode.

#	Identifier	Description
214	ERROR_TOO_MANY_MODULES	Too many modules.
215	ERROR_NESTING_NOT_ALLOWED	Nesting not allowed.
217	ERROR_ZOMBIE_PROCESS	Zombie process.
218	ERROR_STACK_IN_HIGH_MEMORY	Stack in high memory.
219	ERROR_INVALID_EXITROUTINE_RING	Invalid exit routine ring.
220	ERROR_GETBUF_FAILED	Get buffer failed.
221	ERROR_FLUSHBUF_FAILED	Flush buffer failed.
222	ERROR_TRANSFER_TOO_LONG	Transfer is too long.
228	ERROR_NO_CHILDREN	No child process.
229	ERROR_INVALID_SCREEN_GROUP	Invalid session.
230	ERROR_BAD_PIPE	Non-existent pipe or bad operation.
231	ERROR_PIPE_BUSY	Pipe is busy.
232	ERROR_NO_DATA	No data available on non-blocking read.
233	ERROR_PIPE_NOT_CONNECTED	Pipe was disconnected by server.
234	ERROR_MORE_DATA	More data is available.
240	ERROR_VC_DISCONNECTED	Session was dropped due to errors.
250	ERROR_CIRCULARITY_REQUESTED	Renaming a directory that would cause a circularity problem.
251	ERROR_DIRECTORY_IN_CDS	Renaming a directory that is in use.
252	ERROR_INVALID_FSD_NAME	Trying to access nonexistent FSD.
253	ERROR_INVALID_PATH	Bad pseudo device.
254	ERROR_INVALID_EA_NAME	Bad character in name, or bad cbName.
255	ERROR_EA_LIST_INCONSISTENT	List does not match its size, or bad EAs in list.
256	ERROR_EA_LIST_TOO_LONG	FEAList > 64K-1 bytes.
257	ERROR_NO_META_MATCH	String doesn't match expression.
259	ERROR_NO_MORE_ITEMS	DosQFSAttach ordinal query.
260	ERROR_SEARCH_STRUC_REUSED	DOS mode findfirst/next search structure reused.
261	ERROR_CHAR_NOT_FOUND	Character not found.
262	ERROR_TOO_MUCH_STACK	Stack request exceeds system limit.
263	ERROR_INVALID_ATTR	Invalid attribute.
264	ERROR_INVALID_STARTING_RING	Invalid starting ring.
265	ERROR_INVALID_DLL_INIT_RING	Invalid DLL INIT ring.
266	ERROR_CANNOT_COPY	Cannot copy.
267	ERROR_DIRECTORY	Used by DOSCOPY in doscall1.
268	ERROR_OPLOCKED_FILE	Oplocked file.
269	ERROR_OPLOCK_THREAD_EXISTS	Oplock thread exists.
270	ERROR_VOLUME_CHANGED	Volume changed.
271-273		Reserved.
274	ERROR_ALREADY_SHUTDOWN	System already shutdown.
275	ERROR_EAS_DIDNT_FIT	EAS didnt fit.
303	ERROR_INVALID_PROCID	Invalid process identity.
304	ERROR_INVALID_PDELTA	Invalid priority delta.
305	ERROR_NOT_DESCENDANT	Not descendant.
306	ERROR_NOT_SESSION_MANAGER	Requestor not session manager.
307	ERROR_INVALID_PCLASS	Invalid P class.

#	Identifier	Description
308	ERROR_INVALID_SCOPE	Invalid scope.
309	ERROR_INVALID_THREADID	Invalid thread identity.
310	ERROR_DOSSUB_SHRINK	Cannot shrink segment - DosSubSet.
311	ERROR_DOSSUB_NOMEM	No memory to satisfy request - DosSubAlloc .
312	ERROR_DOSSUB_OVERLAP	Overlap of specified block with an allocated memory - DosSubFree.
313	ERROR_DOSSUB_BADSIZE	Bad size parameter - DosSubAlloc or DosSubFree.
314	ERROR_DOSSUB_BADFLAG	Bad flag parameter - DosSubSet.
315	ERROR_DOSSUB_BADSELECTOR	Invalid segment selector.
316	ERROR_MR_MSG_TOO_LONG	Message too long for buffer.
317	ERROR_MR_MID_NOT_FOUND	Message identity number not found.
318	ERROR_MR_UN_ACC_MSGF	Unable to access message file.
319	ERROR_MR_INV_MSGF_FORMAT	Invalid message file format.
320	ERROR_MR_INV_IVCOUNT	Invalid insertion variable count.
321	ERROR_MR_UN_PERFORM	Unable to perform function.
322	ERROR_TS_WAKEUP	Unable to wake up.
323	ERROR_TS_SEMHANDLE	Invalid system semaphore.
324	ERROR_TS_NOTIMER	No timers available.
326	ERROR_TS_HANDLE	Invalid timer handle.
327	ERROR_TS_DATETIME	Date or time invalid.
328	ERROR_SYS_INTERNAL	Internal system error.
329	ERROR_QUE_CURRENT_NAME	Current queue name does not exist.
330	ERROR_QUE_PROC_NOT_OWNED	Current process does not own queue.
331	ERROR_QUE_PROC_OWNED	Current process owns queue.
332	ERROR_QUE_DUPLICATE	Duplicate queue name.
333	ERROR_QUE_ELEMENT_NOT_EXIST	Queue element does not exist.
334	ERROR_QUE_NO_MEMORY	Inadequate queue memory.
335	ERROR_QUE_INVALID_NAME	Invalid queue name.
336	ERROR_QUE_INVALID_PRIORITY	Invalid queue priority parameter.
337	ERROR_QUE_INVALID_HANDLE	Invalid queue handle.
338	ERROR_QUE_LINK_NOT_FOUND	Queue link not found.
339	ERROR_QUE_MEMORY_ERROR	Queue memory error.
340	ERROR_QUE_PREV_AT_END	Previous queue element was at end of queue.
341	ERROR_QUE_PROC_NO_ACCESS	Process does not have access to queues.
342	ERROR_QUE_EMPTY	Queue is empty.
343	ERROR_QUE_NAME_NOT_EXIST	Queue name does not exist.
344	ERROR_QUE_NOT_INITIALIZED	Queues not initialized.
345	ERROR_QUE_UNABLE_TO_ACCESS	Unable to access queues.
346	ERROR_QUE_UNABLE_TO_ADD	Unable to add new queue.
347	ERROR_QUE_UNABLE_TO_INIT	Unable to initialize queues.
349	ERROR_VIO_INVALID_MASK	Invalid function replaced.
350	ERROR_VIO_PTR	Invalid pointer to parameter.
351	ERROR_VIO_APTR	Invalid pointer to attribute.
352	ERROR_VIO_RPTR	Invalid pointer to row.
353	ERROR_VIO_CPTR	Invalid pointer to column.

#	Identifier	Description
354	ERROR_VIO_LPTR	Invalid pointer to length.
355	ERROR_VIO_MODE	Unsupported screen mode.
356	ERROR_VIO_WIDTH	Invalid cursor width value.
357	ERROR_VIO_ATTR	Invalid cursor attribute value.
358	ERROR_VIO_ROW	Invalid row value.
359	ERROR_VIO_COL	Invalid column value.
360	ERROR_VIO_TOPROW	Invalid TopRow value.
361	ERROR_VIO_BOTROW	Invalid BotRow value.
362	ERROR_VIO_RIGHTCOL	Invalid right column value.
363	ERROR_VIO_LEFTCOL	Invalid left column value.
364	ERROR_SCS_CALL	Call issued by other than sm
365	ERROR_SCS_VALUE	Value is not for save or restore.
366	ERROR_VIO_WAIT_FLAG	Invalid wait flag setting.
367	ERROR_VIO_UNLOCK	Screen not previously locked.
368	ERROR_SGS_NOT_SESSION_MGR	Caller not session manager.
369	ERROR_SMG_INVALID_SGID	Invalid session identity.
369	ERROR_SMG_INVALID_SESSION_ID	Invalid session ID.
370	ERROR_SMG_NOSG	No sessions available.
370	ERROR_SMG_NO_SESSIONS	No sessions available.
371	ERROR_SMG_GRP_NOT_FOUND	Session not found.
371	ERROR_SMG_SESSION_NOT_FOUND	Session not found.
372	ERROR_SMG_SET_TITLE	Title sent by shell or parent cannot be changed.
373	ERROR_KBD_PARAMETER	Invalid parameter to keyboard.
374	ERROR_KBD_NO_DEVICE	No device.
375	ERROR_KBD_INVALID_IOWAIT	Invalid I/O wait specified.
376	ERROR_KBD_INVALID_LENGTH	Invalid length for keyboard.
377	ERROR_KBD_INVALID_ECHO_MASK	Invalid echo mode mask.
378	ERROR_KBD_INVALID_INPUT_MASK	Invalid input mode mask.
379	ERROR_MON_INVALID_PARMS	Invalid parameters to DosMon.
380	ERROR_MON_INVALID_DEVNAME	Invalid device name string.
381	ERROR_MON_INVALID_HANDLE	Invalid device handle.
382	ERROR_MON_BUFFER_TOO_SMALL	Buffer too small.
383	ERROR_MON_BUFFER_EMPTY	Buffer is empty.
384	ERROR_MON_DATA_TOO_LARGE	Data record too large.
385	ERROR_MOUSE_NO_DEVICE	Mouse device closed (invalid device handle).
386	ERROR_MOUSE_INV_HANDLE	Mouse device closed (invalid device handle).
387	ERROR_MOUSE_INV_PARMS	Parameters invalid for display mode.
388	ERROR_MOUSE_CANT_RESET	Function assigned and cannot be reset.
389	ERROR_MOUSE_DISPLAY_PARMS	Parameters invalid for display mode.
390	ERROR_MOUSE_INV_MODULE	Module not valid.
391	ERROR_MOUSE_INV_ENTRY_PT	Entry point not valid.
392	ERROR_MOUSE_INV_MASK	Function mask invalid.
393	NO_ERROR_MOUSE_NO_DATA	No valid data.
394	NO_ERROR_MOUSE_PTR_DRAWN	Pointer drawn.
395	ERROR_INVALID_FREQUENCY	Invalid frequency for beep.

#	Identifier	Description
396	ERROR-NLS_NO_COUNTRY_FILE	Cannot find COUNTRY.SYS file.
397	ERROR-NLS_OPEN_FAILED	Cannot open COUNTRY.SYS file.
398	ERROR-NLS_NO_CTRY_CODE	Country code not found.
398	ERROR_NO_COUNTRY_OR_CODEPAGE	Country code not found.
399	ERROR-NLS_TABLE_TRUNCATED	Table returned information truncated, buffer too small.
400	ERROR-NLS_BAD_TYPE	Selected type does not exist.
401	ERROR-NLS_TYPE_NOT_FOUND	Selected type not in file.
402	ERROR_VIO_SMG_ONLY	Valid from session manager only.
403	ERROR_VIO_INVALID_ASCIIZ	Invalid ASCIIZ length.
404	ERROR_VIO_DEREGISTER	VioDeRegister not allowed.
405	ERROR_VIO_NO_POPUP	Pop-up window not allocated.
406	ERROR_VIO_EXISTING_POPUP	Pop-up window on screen (NoWait).
407	ERROR_KBD_SMG_ONLY	Valid from session manager only.
408	ERROR_KBD_INVALID_ASCIIZ	Invalid ASCIIZ length.
409	ERROR_KBD_INVALID_MASK	Invalid replacement mask.
410	ERROR_KBD_REGISTER	KbdRegister not allowed.
411	ERROR_KBD_DEREGISTER	KbdDeRegister not allowed.
412	ERROR_MOUSE_SMG_ONLY	Valid from session manager only.
413	ERROR_MOUSE_INVALID_ASCIIZ	Invalid ASCIIZ length.
414	ERROR_MOUSE_INVALID_MASK	Invalid replacement mask.
415	ERROR_MOUSE_REGISTER	Mouse register not allowed.
416	ERROR_MOUSE_DEREGISTER	Mouse deregister not allowed.
417	ERROR_SMG_BAD_ACTION	Invalid action specified.
418	ERROR_SMG_INVALID_CALL	INIT called more than once or invalid session identity.
419	ERROR_SCS_SG_NOTFOUND	New session number.
420	ERROR_SCS_NOT_SHELL	Caller is not shell.
421	ERROR_VIO_INVALID_PARMs	Invalid parameters passed.
422	ERROR_VIO_FUNCTION_OWNED	Save/restore already owned.
423	ERROR_VIO_RETURN	Non-destruct return (undo).
424	ERROR_SCS_INVALID_FUNCTION	Caller invalid function.
425	ERROR_SCS_NOT_SESSION_MGR	Caller not session manager.
426	ERROR_VIO_REGISTER	Vio register not allowed.
427	ERROR_VIO_NO_MODE_THREAD	No mode restore thread in SG.
428	ERROR_VIO_NO_SAVE_RESTORE_THD	No save/rest thread in SG.
429	ERROR_VIO_IN_BG	Function invalid in background.
430	ERROR_VIO_ILLEGAL_DURING_POPUP	Function not allowed during pop-up window.
431	ERROR_SMG_NOT_BASESHELL	Caller is not the base shell.
432	ERROR_SMG_BAD_STATUSREQ	Invalid status requested.
433	ERROR_QUE_INVALID_WAIT	NoWait parameter out of bounds.
434	ERROR_VIO_LOCK	Error returned from Scroll Lock.
435	ERROR_MOUSE_INVALID_IOWAIT	Invalid parameters for IOWait.
436	ERROR_VIO_INVALID_HANDLE	Invalid VIO handle.
437	ERROR_VIO_ILLEGAL_DURING_LOCK	Function not allowed during screen lock.

#	Identifier	Description
438	ERROR_VIO_INVALID_LENGTH	Invalid VIO length.
439	ERROR_KBD_INVALID_HANDLE	Invalid KBD handle.
440	ERROR_KBD_NO_MORE_HANDLE	Ran out of handles.
441	ERROR_KBD_CANNOT_CREATE_KCB	Unable to create kcb.
442	ERROR_KBD_CODEPAGE_LOAD_INCOMPL	Unsuccessful code-page load.
443	ERROR_KBD_INVALID_CODEPAGE_ID	Invalid code-page identity.
444	ERROR_KBD_NO_CODEPAGE_SUPPORT	No code page support.
445	ERROR_KBD_FOCUS_REQUIRED	Keyboard focus required.
446	ERROR_KBD_FOCUS_ALREADY_ACTIVE	Calling thread has an outstanding focus.
447	ERROR_KBD_KEYBOARD_BUSY	Keyboard busy.
448	ERROR_KBD_INVALID_CODEPAGE	Invalid code page.
449	ERROR_KBD_UNABLE_TO_FOCUS	Focus attempt failed.
450	ERROR_SMG_SESSION_NON_SELECT	Session is not selectable.
451	ERROR_SMG_SESSION_NOT_FOREGRND	Parent/child session not foreground.
452	ERROR_SMG_SESSION_NOT_PARENT	Not parent of requested child.
453	ERROR_SMG_INVALID_START_MODE	Invalid session start mode.
454	ERROR_SMG_INVALID_RELATED_OPT	Invalid session start related option.
455	ERROR_SMG_INVALID_BOND_OPTION	Invalid session bond option.
456	ERROR_SMG_INVALID_SELECT_OPT	Invalid session select option.
457	ERROR_SMG_START_IN_BACKGROUND	Session started in background.
458	ERROR_SMG_INVALID_STOP_OPTION	Invalid session stop option.
459	ERROR_SMG_BAD_RESERVE	Reserved parameters not zero.
460	ERROR_SMG_PROCESS_NOT_PARENT	Session parent process already exists.
461	ERROR_SMG_INVALID_DATA_LENGTH	Invalid data length.
462	ERROR_SMG_NOT_BOUND	Parent not bound.
463	ERROR_SMG_RETRY_SUB_ALLOC	Retry request block allocation.
464	ERROR_KBD_DETACHED	This call not allowed for detached PID.
465	ERROR_VIO_DETACHED	This call disallowed for detached pid.
466	ERROR_MOU_DETACHED	This call disallowed for detached pid.
467	ERROR_VIO_FONT	No font available to support mode.
468	ERROR_VIO_USER_FONT	User font active.
469	ERROR_VIO_BAD_CP	Invalid code page specified.
470	ERROR_VIO_NO_CP	System displays do not support code page.
471	ERROR_VIO_NA_CP	Current display does not support code page.
472	ERROR_INVALID_CODE_PAGE	Invalid code page.
473	ERROR_CPLIST_TOO_SMALL	Code page list is too small.
474	ERROR_CP_NOT_MOVED	Code page not moved.
475	ERROR_MODE_SWITCH_INIT	Mode switch initialization error.
476	ERROR_CODE_PAGE_NOT_FOUND	Code page not found.
477	ERROR_UNEXPECTED_SLOT_RETURNED	Internal error.
478	ERROR_SMG_INVALID_TRACE_OPTION	Invalid start session trace indicator.
479	ERROR_VIO_INTERNAL_RESOURCE	VIO internal resource error.
480	ERROR_VIO_SHELL_INIT	VIO shell initialization error.
481	ERROR_SMG_NO_HARD_ERRORS	No session manager hard errors.
482	ERROR_CP_SWITCH_INCOMPLETE	DosSetCp unable to set KBD or VIO code page.

#	Identifier	Description
483	ERROR_VIO_TRANSPARENT_POPUP	Error during VIO pop-up window.
484	ERROR_CRITSEC_OVERFLOW	Critical section overflow.
485	ERROR_CRITSEC_UNDERFLOW	Critical section underflow.
486	ERROR_VIO_BAD_RESERVE	Reserved parameter is not zero.
487	ERROR_INVALID_ADDRESS	Bad physical address.
488	ERROR_ZERO_SELECTORS_REQUESTED	At least one selector must be requested.
489	ERROR_NOT_ENOUGH_SELECTORS_AVA	Not enough GDT selectors to satisfy request.
490	ERROR_INVALID_SELECTOR	Not a GDT selector.
491	ERROR_SMG_INVALID_PROGRAM_TYPE	Invalid program type.
492	ERROR_SMG_INVALID_PGM_CONTROL	Invalid program control.
493	ERROR_SMG_INVALID_INHERIT_OPT	Bad inherit option.
494	ERROR_VIO_EXTENDED_SG	
495	ERROR_VIO_NOT_PRES_MGR_SG	
496	ERROR_VIO_SHIELD_OWNED	
497	ERROR_VIO_NO_MORE_HANDLES	
498	ERROR_VIO_SEE_ERROR_LOG	
499	ERROR_VIO_ASSOCIATED_DC	
500	ERROR_KBD_NO_CONSOLE	
501	ERROR_MOUSE_NO_CONSOLE	
502	ERROR_MOUSE_INVALID_HANDLE	
503	ERROR_SMG_INVALID_DEBUG_PARMS	
504	ERROR_KBD_EXTENDED_SG	
505	ERROR_MOU_EXTENDED_SG	
506	ERROR_SMG_INVALID_ICON_FILE	

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Last update: **2014/05/13 18:55**

