 This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

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DosGetSTDA

Brief

The DosGetSTDA API is a 16-bit API that returns a copy of the system trace buffer (STDA).

Syntax

```
APIENTRY DosGetSTDA( SEL, SHORT, SHORT );
```

Parameters

- SEL is the selector to the private buffer
- SHORT is the offset to the private buffer
- SHORT is the size of the buffer (maximum value = 64KB) records

Returns

Returns:

- NO_ERROR - indicates correct operation, buffer is now filled with copy of the system trace buffer
- ERROR_SYSTEM_TRACE - System trace is not enabled

Remarks

DosGetSTDA returns a buffer that contains a copy of the system trace buffer. The buffer is circular with a header record that contains pointers to the first and last data bytes and a pointer to the next byte that was available for writing (the buffer is a snapshot of the system trace buffer at the time that the API was called). A set of trace records follows the header. Each trace record contains a trace event trailer and optionally a timestamp and/or a data field. A timestamp record is optional and will only exist if bit 2 of the flag field in the Trace Event Trailer is set to OFF.

The trace event data contains the information describing each individual trace event. The events traced may be from OS/2 system supplied or other user supplied trace points. In either case the data is dependent on each individual trace point. Descriptions of the data and formatting instructions for the OS/2 system supplied trace points can be found in the OS/2 Debugging Library, Volume 3 - System Trace Points Reference.

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO		VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp
Tools		BIND
Modules		DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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