SReadLong   Return a 32-bit ID value

#include <Slots.h>   **Slot Manager**

OSErr	**SReadLong(**_spBlkPtr)_;	
SpBlockPtr	_spBlkPtr_ ;	address of 56-byte **Slot Parameter Block** structure
	returns	Error Code; 0=no error

SReadLong returns a 32-bit value identified by spID.

spBlkPtr is the address of a 56-byte **Slot Parameter Block** structure. The relevant fields are as follows:

Out-In	Name	Type	Size	Offset	Description
←	spResult	long	4	0	FUNCTION result
→	spsPointer	Ptr	4	4	Structure pointer
→	spID	char	1	50	sResource list ID

Other parameters affected are:

spSize	long	4	8	Size of structure
spsOffsetData	long	4	12	Offset/data field
spByteLanes	char	1	53	ByteLanes from format block in card ROM

Returns: an operating system Error Code. It will be one of:

noErr	(0)	No error
smEmptySlot	(-300)	No card in slot.
smCRCFail	(-301)	CRC check failed.
smFormatErr	(-302)	FHeader format is not Apple's
smRevisionErr	(-303)	The revision of the card's declaration ROM is wrong.
smNoDir	(-304)	Directory offset is NIL
smNosInfoArray	(-306)	The SDM could not allocate memory for the sInfo array.
smResrvErr	(-307)	A reserved field of the declaration ROM was used.
smUnExBusErr	(-308)	An unexpected bus error occurred.
smBLFieldBad	(-309)	A valid ByteLanes field was not found.
smDisposePErr	(-312)	An error occurred during execution of DisposPointer.
smNoBoardSRsrc	(-313)	There is no board sResource.
smGetPRErr	(-314)	Error during execution of sGetPRAMRec.
smNoBoardId	(-315)	There is no board ID.
smInitStatVErr	(-316)	The InitStatus_V field was negative after Primary or Secondary Init.
smInitTblVErr	(-317)	Error while trying to initialize the sResource Table.
smNoJmpTbl	(-318)	**Slot Manager** jump table could not be created
smBadBoardId	(-319)	Board ID was wrong; reinit the PRAM record

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Notes: The trap macro **SReadLong** finds a data structure in slot card firmware. It returns in spResult a 32-bit value identified by spID from the sResource list pointed to by spsPointer. This routine can return nonfatal error reports, which will be one of the following:

smBadRefId	(-330)	Reference ID was not found in the given sResource list.
smBadsList	(-331)	The IDs in the sResource list are not in ascending order.
smReservedErr	(-332)	A reserved field was not zero.
smCodeRevErr	(-333)	Wrong revision of the code to be executed by sExec.
smCPUErr	(-334)	The CPU field of the code was wrong.

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smsPointerNil	(-335)	LPointer is nil From sOffsetData. If this error occurs; check sInfo rec for more information.
smNilsBlockErr	(-336)	The physical block size (of an sBlock) was zero.
smSlotOOBErr	(-337)	The given slot was out of bounds (or does not exist).
smSelOOBErr	(-338)	Selector out of bounds error
smNewPErr	(-339)	An error occurred during execution of NewPointer.
smCkStatusErr	(-341)	Status of slot is bad (InitStatus_A,V).
smGetDrvrNamErr	(-342)	An error occurred during execution of sGetDrvrName.
smNoMoresRsrcs	(-344)	No more sResources.
smsGetDrvrErr	(-345)	An error occurred during execution of sGetDrvr.
smBadsPtrErr	(-346)	A bad sPointer was presented to sCalcsPointer.
smByteLanesErr	(-347)	NumByteLanes was determined to be zero.
smSRTOvrFlErr	(-350)	Slot Resource Table overflow.
smRecNotFnd	(-351)	Record not found in the Slot Resource Table.