The library SysLibPciCards.lib

This library is designed for access to a Pci card plugged to the Plc.

If the system supports the functionality, the function

- SysPciGetCardInfo

can be used to retrieve information about a Pci card.

SysPciGetCardInfo

This function is for retrieving information about a Pci card.

The return value is a pointer to a PCI_INFO structure. The structure is defined in the library too. The structure contains all the Pci configuration registers. If the specified card is not found, the function will return zero.

Variable	Data type	Description
usVendorId	WORD	The vendor ID of the card.
usDeviceId	WORD	The device ID of the card.
usCardIndex	WORD	The card's index with the specified vendor ID and device ID. The index is zero-based. If there are more than one cards with this vendor and device ID, one can use the index to distinguish the cards.

The structure PCI_INFO

The structure has the following members:

usVendorID	WORD
usDeviceID	WORD
usSubVendorID	WORD
usSubSystemID	WORD
ulBusNr	DWORD
SlotNr	DWORD
ulFunction	DWORD
ulBaseAddresses	ARRAY[0..5] OF DWORD
byInterrupt	BYTE
DeviceSpecific	ARRAY[0..191] OF BYTE

The structure is set up by the Pci Bios. The access is read-only, **do never write to this structure**.