The Library SysLibPorts.lib

This library can be used to communicate with external hardware devices via their port addresses; e.g. realtime clock, graphic controller etc. The port addresses can be accessed reading and writing. The execution is synchronous.

The functions for reading from port addresses:

- SysPortIn

- SysPortInW

- SysPortInD

The functions for writing from port addresses:

- SysPortOut

- SysPortOutW

- SysPortOutD

SysPortIn

This function of type BYTE returns the byte value at that port address, which has been passed on by wPort.

Variable	Data type	Description
wPort	WORD	port address of the hardware device

SysPortInW

This function of type WORD returns the byte value at that port address, which has been passed on by wPort.

Variable	Data type	Description
wPort	WORD	Port address of the hardware device

SysPortInD

This function of type DWORD returns the byte value at that port address, which has been passed on by wPort.

Variable	Datentyp	Description
wPort	WORD	Port address of the hardware device

SysPortOut

This function of type BOOL writes the BYTE value which is passed on by byData to that port address which is passed on by wPort. The function returns TRUE if the operation has been terminated successfully, otherwise FALSE.

Variable	Data type	Description
wPort	WORD	Port address of the hardware device
byData	BYTE	Value to be written to the port address

SysPortOutW

This function of type BOOL writes the WORD value which is passed on by byData to that port address which is passed on by wPort. The function returns TRUE if the operation has been terminated successfully, otherwise FALSE.

Variable	Data type	Description
wPort	WORD	Port address of the hardware device
wData	WORD	Value to be written to the port address

SysPortOutD

This function of type BOOL writes the DWORD value which is passed on by byData to that port address which is passed on by wPort. The function returns TRUE if the operation has been terminated successfully, otherwise FALSE.

Variable	Data type	Description
wPort	WORD	Port address of the hardware device
dwData	DWORD	Value to be written to the port address