

The Library SysLibInt.lib

If the target system supports this functionality you can use this library to set and remove an interrupt handler for a function. The execution is synchronous.

The functions:

`SysInstallIntHandler`

`SysRemoveIntHandler`

SysInstallHandler

This function of type BOOL sets the interrupt with a given number on the function which is identified by its address. This address can be retrieved by the *SysIECGetFctPointer* function (see Library *SysLibIECTasks.lib*).

The return value is TRUE or FALSE depending on the success of the operation.

The interrupt handler can be removed by the `SysRemoveIntHandler` function.

Input Variable	Data type	Description
<code>iInterrupt</code>	INT	Interrupt number
<code>dwFctAddress</code>	DWORD	Function pointer, retrieved with the aid of <i>SysIECGetFctPointer</i> (<i>SysLibIECTasks.lib</i>)

SysRemoveHandler

This function of type BOOL removes the interrupt, which is identified by the given number, for the function which is identified by its address. This address can be retrieved by the function `SysIECGetFctPointer` (Library *SysLibIECTasks.lib*). The interrupt handler is set by the *SysInstallHandler* function.

The return value is TRUE or FALSE depending on the success of the operation

Input Variable	Data type	Description
<code>iInterrupt</code>	INT	Interrupt Number
<code>dwFctAddress</code>	DWORD	Function pointer, retrieved with the aid of <i>SysIECGetFctPointer</i> (<i>SysLibIECTasks.lib</i>)