

ScanServ OCX

The purpose of **ScanServ OCX** is to build a simple Visual Basic server based on the **ProductInfo** protocol. It supports only a single connection at a time. This software is provided **AS-IS** and not certified for production use.

Following is a list of methods provided by **ScanServ OCX**, followed by a detail description of each function.

ScanServ.**Connect** (port As Long) As Long
ScanServ.**Listen** As Long
ScanServ.**GetPacketType** As Long
ScanServ.**GetProductID** As String
ScanServ.**GetProductQuery** As String
ScanServ.**GetTrivialPacket** As String
ScanServ.**SendFile** (Name As String) As Long
ScanServ.**SendText** (Text As String) As Long
ScanServ.**SockSend** (Buffer As String, Size As Long)
ScanServ.**Close**
ScanServ.**Exit**

Connect

Connect function creates a socket and place it in a state where it is listening for an incoming connection (listening socket).

Connect

(port As Long)
As Long

Parameters

Port [in] Descriptor identifying a port to create the socket for the ProductInfo port.

Return Values

If no error occurs, **Connect** returns a descriptor referencing the listening socket. Otherwise, a value of **-1** is returned.

Remarks

On exit, **Exit** should be called in order to close the listening socket.

Listen

Listen function waits for an incoming connection on a listening socket, read and store the data packet.

Listen

As Long

Parameters

None

Return Values

- 1** : Fatal Error
- 0** : Error, Try again
- 1** : Packet received is a **Trivial** Packet
- 2** : Packet received is a **Nominal** Packet

Remarks

GetPacketType

GetPacketType waits for an incoming packet.

GetPacketType

As Long

Parameters

None

Return Values

GetPacketType returns the Packet Token.

PacketToken: TERM, CAPQ, CAPR, MDSQ, MODR,
 ERR_, PROD, DATA, RGST, EVNT

Remarks

GetProductID

GetProductID returns product ID.

GetProductID

As String

Parameters

None

Return Values

GetProductID returns an string specifying the ProductID.

Remarks

GetProductQuery

GetProductQuery returns product query.

GetProductQuery

As String

Parameters

None

Return Values

GetProductQuery returns an string specifying the Product Query.

GetTrivialPacket

GetTrivialPacket returns the trivial data packet received.

GetTrivialPacket

As String

Parameters

None

Return Values

GetTrivialPacket returns the trivial packet, or NULL If the packet received was nominal.

SendFile

SendFile send the file specified.

SendFile

(Name As String)

As Long

Parameters

Name [in] Specifies the name of the file to send.

Return Values

0: Error

1: Success

Remarks

SendFile sends the file name, the four-bytes file size, and then the file.

SendText

SendText sends plain text.

SendText
(Buffer As String)
As Long

Parameters

Buffer [in] Text to be sent

Return Values

None

SockSend

SockSend sends raw data.

SockSend
(Buffer As String,
Size As Long
)
As Long

Parameters

Buffer [in] Raw Data.

Size [in] Size of data.

Return Values

None

Close

Close Closes the active connections.

Close

Parameters

None

Return Values

None

Remarks

Exit

Exit Closes the listening socket.

Exit

Parameters

None

Return Values

None

Remarks

On exit, **Exit** should be called in order to close the listening socket.