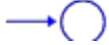


TrayIcon OCX

TrayIcon is a 32 bit OCX for Windows 95. It provides an easy way for OLE container applications such as Microsoft Visual Basic™ and Microsoft Access™ (and several other development tools) to place their own icons in the tray area of the Windows 95 taskbar (as shown). It allows the application to receive messages in order to show custom menus.



Remember to read the [License Agreement and Disclaimer](#) before continuing to use the OCX in your applications.

TrayIcon OCX is shareware. Continued use of this OCX beyond 30 days requires [Registration](#).

TrayIcon OCX is Copyright © 1996, Nikhil Kothari.

Files

The following is a list of files that are distributed as part of the TrayIcon OCX

- TrayIcon.ocx \windows\system
- TrayIcon.lic \windows\system
- TrayIcon.hlp \windows\system
- TrayIcon.cnt \windows\system
- Sample\TrayIcon.exe
- Sample\TrayIcon.vbp
- Sample\frmTrayIcon.frm
- Sample\frmTrayIcon.frx

Files not distributed are (these are usually part of the development system)

- regsvr32.exe
- mfc40.dll
- msvcrt40.dll
- olepro32.dll

Before using the ocx you must register it with the command
regsvr32 c:\windows\system\trayicon.ocx

There is also a topic describing the files that need to be distributed.

Icon Property

[Properties](#)

[Methods](#)

[Events](#)

This property lets you set the icon that is to be displayed in the tray area.

You need to use the '[ShowIcon](#)' method to display your icon, or the '[UpdateIcon](#)' method if you change it at runtime.

Example

```
Dim Success as Boolean  
  
.  
.  
TrayIcon1.Icon = LoadPicture(icofilename)  
Success = TrayIcon1.UpdateIcon  
.
```

ToolTip Property

[Properties](#)

[Methods](#)

[Events](#)

This property determines the tooltip that Windows displays when the cursor is placed over the icon. Windows API limits this property to be a maximum of 63 characters long.

As with the icon property, you need to use the '[UpdateIcon](#)' method if you change it at runtime.

Example

```
Dim Success as Boolean  
  
.  
.  
TrayIcon1.ToolTip = "TrayIcon OCX Sample"  
Success = TrayIcon1.UpdateIcon  
.
```

Visible Property

[Properties](#)

[Methods](#)

[Events](#)

This property lets the application check if its icon is visible or not. The property is read-only and is available only during runtime.

Example

```
Dim Visible as Boolean  
.  
.  
Visible = TrayIcon1.Visible  
.
```

AutoUpdate Property

[Properties](#)

[Methods](#)

[Events](#)

This property causes the ocx to update the icon in the tray area of the taskbar by calling the [UpdateIcon](#) method, whenever either the [icon](#) property or the [tooltip](#) property change. The default value is 'false' so as to allow greater control over changes in the icon display.

Example

```
Dim AutoUpdate as Boolean  
  
.  
.  
TrayIcon1.AutoUpdate = AutoUpdate  
.
```

MouseOverEvents Property

[Properties](#)

[Methods](#)

[Events](#)

This property causes the ocx to fire the MouseOver event when the cursor moves the icon in the tray. The default value is 'false' so that potential overflow of events can be avoided.

Example

```
Dim GetMouseMoveMsg as Boolean  
  
.  
.  
TrayIcon1.AutoUpdate = GetMouseMoveMsg  
.
```

Events

[Properties](#)

[Methods](#)

Events

These events occur when either the user clicks the icon in the taskbar tray or places the cursor over it, and let you take appropriate action, such as displaying a context menu etc.

The general format for all events is

```
<event name>([index as Integer], x as Integer, y as Integer)
```

There are currently five events that may occur.

LeftClick	when the user clicks the left mouse button on the icon
LeftDbIcIck	when the user double clicks the left mouse button on the icon
RightClick	when the user clicks the right mouse button on the icon
RightDbIcIck	when the user double clicks the right mouse button on the icon
MouseMoveOver	when the user moves the mouse over the icon

The parameters x and y to the event let your application know the mouse position (in terms of screen coordinates). The optional parameter Index lets the application know which TrayIcon control of a control array caused the event.

ShowIcon Method

[Properties](#)

[Methods](#)

[Events](#)

This method causes the OCX to display the selected [icon](#) along with the selected [tooltip](#) in the tray area of the taskbar. It returns 'true' if the operation was successful and 'false' otherwise. If the icon is already visible, it return 'false'.

Example

```
Dim Success as Boolean  
  
.  
.  
Success = TrayIcon1.ShowIcon  
.
```

Hidelcon Method

[Properties](#)

[Methods](#)

[Events](#)

This method causes the OCX to remove the icon from the tray area of the taskbar. It returns 'true' if it was successful and 'false' otherwise. If the icon is currently not being displayed, the method returns 'false'.

Example

```
Dim Success as Boolean

.
.
if TrayIcon1.ShowIcon then
    Success = TrayIcon1.HideIcon
End If
.
```

UpdateIcon Method

[Properties](#)

[Methods](#)

[Events](#)

This method is used to change the [icon](#) or [tooltip](#) that is being displayed or its tooltip. It returns 'true' if the modification was successful, 'false' otherwise. If the icon is currently not being displayed, the method returns 'false', and does not display the icon.

Example

```
Dim Success as Boolean

.
.
if TrayIcon1.ShowIcon then
    TrayIcon1.ToolTip = "new tooltip"
    Success = TrayIcon1.UpdateIcon
End If

.
```

License Agreement

IMPORTANT: READ CAREFULLY:

This License Agreement is a legal agreement between you (either an individual or a single entity) and Nikhil Kothari, on the use of Traylcon OCX, and associated help materials, samples and all accompanying material. By installing, copying, or otherwise using this software product, you agree to be bound by the terms of this License Agreement. If you do not agree to its terms, promptly delete all copies of the software and all accompanying material.

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Feedback

My email address is nkothari@ics.uci.edu

Report all bugs and feedback to the above email address. This will help me improve the OCX.

Distributing the TrayIcon Control

When distributing the OLE control the following support files must also be distributed:

The list includes the file names and the copy locations.

```
MFC40.DLL \Windows\System
MSVCRT40.DLL \Windows\System
OLEPRO32.DLL \Windows\System
REGSVR32.EXE \Windows\System
TRAYICON.OCX \Windows\System
```

Do **not** distribute the following files (these are meant only for the development environment)
(These are to be placed in the same directory as the ocx)

```
TRAYICON.HLP
TRAYICON.LIC
```

Once the TRAYICON.OCX is copied to the specified directory it must be registered in order to work correctly. This can be done using the REGSVR32.EXE utility. Simply call run the REGSVR32.EXE from the command line with TRAYICON.OCX as the parameter as shown below.

```
C:\Windows\System\REGSVR32 TRAYICON.OCX
```

Registering the TrayIcon Control

TrayIcon OCX is shareware and can be registered for US \$25.00. When you register, the OCX's 'About Dialog Box' will not appear everytime you use it. It will also guarantee that you will continue to receive news as new features and improvements are made, and you will receive major updates free of charge. As a registered user you can purchase all the source code (commented) for US \$ 100.00.

To register send the following information to nkothari@ics.uci.edu via email:

Name _____
Company _____
Address _____

Phone _____
Email address _____
How you obtained this OCX _____

Purchase the source code Yes No

On sending this, you will receive information as to where you can mail your check to, and once I receive your check, the registered version of the OCX will be sent to you through email. If you cannot receive the software through email, add \$5.00 to your check, and I will send it through mail on disk.

