

# Cursor Plus DLL Help

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# MakeCursor

```
Declare Function MakeCursor& Lib "CsrPlus.DLL" (ByVal TheHwnd%, ByVal TheCursorName$)  
Global OrgCursor As Long  
Global OrgTextCursor As Long
```

- \* This function creates the cursors that you'll typically use.
- \* TheHwnd% is the hwnd property of the form or control for which you are changing the cursor.
- \* TheCursorName\$ is the NAME of the cursor.
- \* The returned value is used by RestoreCursor.
- \* Study the CurDemo.Frm for actual usage techniques.
- \* The VB mouse pointer for the form or control MUST be set to Default (0).
- \* This function MUST be located in the MouseMove event of the form or control.

# MakeSysCursor

Declare Function MakeSysCursor& Lib "CsrPlus.DLL" (ByVal TheHwnd%, ByVal TheCursorName\$)

- \* This function creates system-wide cursors; this is used primarily for animated cursors.
- \* TheHwnd% is the hwnd property of the form or control for which you are changing the cursor.
- \* TheCursorName\$ is the NAME of the cursor.
- \* The returned value is used by RestoreCursor.
- \* Study the CurDemo.Frm Timer function for actual usage techniques.
- \* The VB mouse pointer for the form or control must be set to Default (0).

# Overview of DrvPlus.DLL

MicroSoft's VisualBasic is a powerful programming language for the Windows operating system. One of its most appealing features is its extensibility. You can add subroutines and functions directly within the language. You can use most of the 800+ Windows API functions. And, you can use virtually any Dynamic Link Library (DLL). The author, with 12 years of programming experience, prefers VB to Assembly and C++.

CsrPlus.DLL is a collection of icons and backdrop patterns for VB (or any Windows programming environment) complete with easy-to-use functions for utilizing the new, appealing graphics in your own applications. You get nearly 100 new cursors and 18 eye-appealing backdrop patterns. Of course, you can create your own cursors for VB, but this takes a lot of time along with numerous VB functions and API calls. CsrPlus does all this work for you ... and all your applications can use the same DLL!!!

VB only gives you 13 cursors (mouse pointers). This greatly restricts your creativity with sophisticated applications. To use the nearly 100 CsrPlus cursors you simply invoke the MakeCursor command using the name of cursor (yes, real names are used instead of numbers; this frees you from having to declare a lot of global constants). There are five classes of cursors: FUNCTIONAL (ContextHelp, Eraser, EyeDropper, Pencil, etc.), STANDARD (CheckMark, FatArrowNE, MagicWand, TrekPointer, etc.), NOVELTY (Bug, Knight, Skull, Sword, etc.), ANIMATED (Timer and HourGlass), and USER-DEFINED (named User1 - User8).

Pattern backdrops is a brand new concept to VB programs, although professional C programmers have been using them for years. With the new FormBackDrop command you instantly fill the background of a form (or PictureBox) with a pre-defined pattern design. This feature greatly enhances 3D-effect with the included VB subroutines to generate 3D effects on controls and forms.

The demo program (written in VB 3.0 standard) demonstrates most of the included cursors (and all of the included backdrop patterns) and reveals a few VB programming tricks too. And, since CsrPlus.DLL comes with a complete Help file and a practical demonstration project in VB, you'll quickly understand how to use the new functions so that you can incorporate more eye-appealing techniques into your own projects.

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Thank you (yadot retsiger). You may also contact the author with private mail through America Online, ID# Vernon486. Mail check, money order, cash and/or suggestions to (Make checks payable to Digital PowerTOOLS):

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# Order Form



## **Order Form**

This product includes a file in Windows Write format entitled OrderFrm.Wri which you can use to print an order form for registering CsrPlus.DLL.



## **Software Evaluation Form**

This product includes a file in Windows Write format entitled EvalFrm.Wri which you can use to print a software evaluation form.



## **Address**

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Upon registration of this product, you may include CsrPlus.DLL in your own application projects to end users. You may not offer CsrPlus.DLL as an independent application or utility; and, you may not offer CsrPlus.DLL in a manner that would directly compete with the product.

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It is our sincere hope that as a registered user of this product you find CsrPlus.DLL to be a welcome addition to your library of VB utilities. If you have questions about usage or suggestions for improvement, please write to let us know. We appreciate your business.

# RestoreCursor

Declare Sub RestoreCursor Lib "CsrPlus.DLL" (ByVal TheHwnd%, ByVal hOrgCursor&)

- \* This function restores the cursors to their original design.
- \* TheHwnd% is the hwnd property of the form or control for which you are changing the cursor.
- \* hOrgCursor& is the value returned from MakeCursor or MakeSysCursor.
- \* Study the CurDemo.Frm for actual usage techniques.
- \* The VB mouse pointer for the form or control must be set to Default (0).

# GetCsrPlusVersion

Declare Function GetCsrPlusVersion% Lib "CsrPlus.DLL" ()

- \* This function returns the version of CsrPlus.
- \* The returned value is 100 times the actual version number.
- \* For instance, a returned value of 150 represents version 1.50.

# FormBackdrop

Declare Sub FormBackdrop Lib "CsrPlus.DLL" (ByVal TheHwnd%, ByVal TheStyle\$)

- \* This function instantly fills the background of a Form or PictureBox with the specified pattern.
- \* TheHwnd% is the hwnd property of the Form or PictureBox.
- \* TheStyle\$ is the NAME of the style to use.
- \* This routine MUST be located as the FIRST command of the PAINT event.
- \* Study the BackDrop.FRM to see how easy this effect is to implement.



## Backdrop Style Names

SmallCheckLight  
SmallCheckDark  
SmallCheckBlue  
SmallCheckRed  
BigCheckLight  
BigCheckDark  
BigCheckBlue  
BigCheckRed  
HorzLinesLight  
HorzLinesDark  
DiamondsLight  
DiamondsDark  
SlickFillLight  
SlickFillDark  
User1  
User2  
User3  
User4



## User Backdrops

By default the four User Backdrops have pre-defined patterns. However, these four are included for those who have a Resource Editor so that you can edit CsrPlus.DLL designing your own 8x8 pattern in these slots.

# Functional Cursor Names

Use these names (as strings) with `MakeCursor` and `MakeSystem Cursor` to invoke cursor changes.

ContextHelp  
CopyText  
CrossHair  
DrawRectangleEmpty  
DrawRectangleFilled  
DrawOvalEmpty  
DrawOvalFilled  
DrawRRectEmpty  
DrawRRectFilled  
Eraser  
Eyedropper  
FountainPen  
FrameUpperLeft  
FrameUpperRight  
FrameLowerLeft  
FrameLowerRight  
Hand  
Help  
Magnet  
Magnifier  
MoveHand  
MoveTruck  
PaintBrush  
PaintRoller  
Pastel  
Pen  
Pencil  
Pencil2  
Scissors  
SprayCan  
Syringe  
Text

# Standard Cursor Names

Use these names (as strings) with `MakeCursor` and `MakeSystem Cursor` to invoke cursor changes.

CheckMark  
DartNW  
DartSW  
FatArrowNE  
FatArrowNW  
FatArrowSE  
FatArrowSW  
HandPointE  
HandPointN  
HandPointS  
HandPointW  
Lightning  
MagicWand  
StarWand  
TrekPointer



# Novelty Cursor Names

Use these names (as strings) with `MakeCursor` and `MakeSystem Cursor` to invoke cursor changes.

Ampersand  
Bug  
CardClub  
CardDiamond  
CardHeart  
CardSpade  
DollarSign  
GolfClub  
Horse  
Key  
Knight  
Mouse  
RaisinMan  
Skull  
Star  
Sword  
Xmark  
YinYang

# Animated Cursor Names

These cursor names are intended for use in a Timer event that is activated while the program is involved in a time-consuming function such as storing a long file. Study the Timer event of the CurDemo.Frm to see how to use this technique.

Timer1 - Timer8

HourGlass1 - HourGlass7

## **User-Defined Cursor Names**

CsrPlus.DLL includes 8 user-defined cursors. By default, these are blank cursors; as such, you should not use them (as they will make the cursor disappear) unless you have changed their design.

These cursors are intended for those who have a Resource Editor. With this type of application, you can load CsrPlus.DLL and physically change the design of these 8 cursors for future access. CsrPlus.DLL will not perform a CRC on this region of the file.



