

Tool Bar /Status Bar control libraries DEMO (v 1.2).

0.For a quick start run DEMOTOOL.EXE or read the following information.
This version has a new function -CreateToolBarIndirect, 1 small bug fixed, source cleaned up.

0.1 For those who registered versions 1.0-1.1 -- if you want this version (1.2), drop me a mail, I'll send it to you for free (if you are outside of USA and want postal delivery I would appreciate if you send a few bucks for postage and disk). Or simply copy a bloc related to CreateToolBarIndirect from estools0.h to your estools.h and it should do the trick.

1.About.

ESTOOLS.DLL (v1.2) is a dynamic link library which allows a programmer to create Tool Bar control from resource script and incorporate it into any Windows 3.x application. It takes no more programming than usual dialog boxes or menus. ERROR.DLL is a dynamic link library incorporating code to create a Status Bar on the bottom of the parent window and write there in the same manner as printf() functions. They are shipped along with several files:

readme.wri -- this file;
estools.dll -- Tool Bar DLL
error.dll -- Status Bar DLL
demotool.exe -- Demo program which uses estools.dll and error.dll and shows it's abilities.
demotool.prj -- BC++ project file to build demotool.exe -- BE CAREFUL, YOUR DIRECTORIES MAY DIFFER !!!
demofunc.obj -- This module contains calls to SendMessage function with messages undocumented in demo version. I also thought to include code which would not allow for use of this software when BI WinSight, MS Spy or similar are running, but finally decided not to do so. I think most of the people is honored.
demotool.c -- C source for demotool.exe;
esdefs.h -- C header with various definitions specific for demotool.c;
estools0.h -- Limited copy of estools.h header file containing definitions specific for estools.dll- it contains most of the information how to use the DLL;
error0.h -- Limited header file for error.dll with most of the descriptions of its exports.
estools.def -- Module definition file;
demotool.rc -- Resource script file;
bmp1.bmp, bmp2.bmp, bmp3.bmp, bmp4.bmp, bmp5.bmp -- Pictures for button's tops.
tbdemo.ico -- Application Icon;

order.wri -- If you decide to register, this file contains an order form.

All detailed information required to use Tool Bar and Status Bar in your applications is included in estools0.h, error0.h, demotool.c and demotool.rc. The overview is given below in this file.

2.Installation.

If you read this message, I assume you already uncompressed these files and I do not need to explain how to use pkunzip.exe. To use the DEMOTOOL.EXE just run it from Windows 3.x. Make sure that estools.dll and error.dll are in the same directory as demotool.exe or in your windows\system directory. You also should not rename the DLLs (at least before you know how it works). Although I have not used any 3.1 specific APIs in DLLs, I tested it only with 3.1 and I do not know if it works with 3.0. I think it should.

3.License.

This is a demo version of Tool Bar and Status Bar libraries (the Software). You can freely use Software for demonstration purposes. Software can be redistributed as long as all files listed above are included in the distribution package in the original form and it is not bundled with another software package. No fee can be taken for distribution of the Software except media and transmission costs not exceeding \$2 per package. You can freely use or edit all source code (demotool.c, esdefs.h, estools0.h, error0.h, estools.def, demotool.rc) included with Software as long as the original copyright notice inside these files remains unaltered. No permission granted to reverse engineer by any means the estools.dll, error.dll, demofunc.obj and demotool.exe modules.

Although all considerable effort was spent to make the Software effective and bug free, no warranties are given. In no event Author (whose name and address are given below) shall be liable for any direct or indirect damage arising from use or inability to use the Software.

4.Overview.

Actually there is not much to overview.

(a). ESTOOLS.DLL

The library exports 5 functions (1.2 version), all of them as Pascal and case insensitive:

| | |
|-----------------------|----|
| CreateToolBar | @1 |
| DeleteToolBar | @2 |
| ESToolBarVers | @3 |
| GetButtonNumber | @4 |
| CreateToolBarIndirect | @5 |

The detailed description of these functions is given in estools0.h. Tool Bar can be created in a number of styles, with caption or without, with border or without, it can be of WS_CHILD or WS_POPUP styles. It can be vertical, horizontal or square or whatever programmer whants. All styles (except child/popup) can be changed at run time. Demotool.exe demonstrates all of this.

Buttons may be of 3 styles - standard windows like button, button which does not pop up until another button in the same TB is pressed (auto 2 state style) and 2 state style when the button remains in the pressed state until it receives a message to pop up (2 state style). In addition buttons might be initially pressed, disabled (shaded) or enabled. Each button in the moment when it changes state sends a notification message to the parent (the message is not described in non-registered version). You can change all these button styles freely at run time (description is available with registration).

The program was written with Borland® C++ 3.1 and includes original project file. To compile with BC++ just load the project, make sure that the directories are right for your configuration and run. I do not use MSC, it must be compatible but I did not try it. Tell me if it is not.

If I am encouraged to write a next version I would like to include a message to change button face bitmap, perhaps give a possibility to assign a custom rectangle for each button. I am also thinking to write a dll to make mac-like menus, which can be placed anywhere on the screen and not attached to the top of the window. Let me know if you have any suggestions.

(b).ERROR.DLL

This DLL exports several functions but I describe only two for unregistered users:

```
CreateStatusWindow    @5
_ERRORHANDLER         @4
```

Please, use name imports, not number, in future releases the number might be changed. Please pay attention that _ERRORHANDLER is a CDECL function and it is all uppercase. The declarations and descriptions of the functions are given in error0.h. Everything about this DLL is very much stright forward.

_ERRORHANDLER can digest anything what sprintf can. To destroy the Status Bar window you can use usual call to DestroyWindow, it does not allocate memory or anything like that. You can also use any APIs or messages to manipulate it. It is just a normal WS_CHILD window.

If I am encouraged to write a next versions of the DLLs I would like to include a message to change button face bitmap, perhaps give a possibility to assign a custom rectangle for each button in ESTOOLS. I am also thinking to write a dll to make MAC-like menus, which can be placed anywhere on the screen and not attached to the top of the window. Let me know if you have any suggestions. Also please let me know if you would like both DLLs to be combined into one.

5. Registration.

Now, the most interesting part. I would gratefully appreciate if you register. These DLLs are not of much use by themselves, it is good if it is a part of some software package. If you register you

(a) get a permission to redistribute (non-profit) ESTOOLS.DLL and ERROR.DLL and change it's name (if you want to redistribute them commercially, write to me; same about source code);

(b) get a description of the messages and APIs undocumented in this edition (you can find references on them in estools0.h and error0.h) - I'll send you an

expanded estools.h, error.h and source for demofunc.obj (demofunc.c) and a new version of estools.dll and error.dll if available.

(c) get information on the new versions as soon as they are available. To those, who already purchased the this package prior to 05/93, please contact me again if you want to be notified about newer versions. I had a computer crash and the database with your names and addresses is gone. Sorry.

(d) your consciosness will be clear.

(e) it costs US\$15 each or \$20 for both only.

To register print out order form from order.wri (you may print on both sides, first page is the order form, second is my address, than fold the paper and you do not need an envelope) include payment, seal and mail. Or do it any way you want, just make sure your name and address are clearly readable.

6.Author.

The author is Eugene L. Sokolov, third year grad.student at the Dept. of Chemistry, SUNY at Stony Brook, NY.

My address is:

Eugene Sokolov,
Dept. of Chemistry,
SUNY at Stony Brook,
Stony Brook, NY 11794-3400