

## ***About TOOLBAR.....making programming easier.***

Many modern applications incorporate a toolbar as a simple alternative to selecting items from a menu. The TOOLBAR library module allows you to create stay-on-top toolbars with the minimum of programming effort. In practice the toolbar is a TrueBASIC child window that can be dragged around the screen. The toolbar icons are graphical push buttons mounted on the toolbar in positions determined by you. The buttons can be toggle action so that they stay depressed, or they can act normally. Buttons can also be grouped together to work like radio buttons, i.e. only one button from the group can be depressed at a time.

The TrueCtrl library is necessary in order to create the child window, but the remaining graphics are supplied by the library module. You can create your own toolbar icon images, or you can use the ready made button images available as free downloads from [www.BigJohnArscott.com](http://www.BigJohnArscott.com)

The main features of the toolbar are:

- (1) The user can generate any number of toolbars in the same or different windows.
- (2) The background color of the toolbar can be user defined.
- (3) The user can fill the toolbars with graphic push buttons in any arrangement.
- (4) Graphic buttons can be grouped to work like radio buttons.
- (5) Graphic buttons can be toggle action.
- (6) The toolbar 'stays on top' of the parent window.
- (7) The toolbar can be dragged around the parent window.

The toolbar needs to be slightly larger all round than the collection of buttons because it is the toolbar background that must be dragged with the mouse in order to relocate the toolbar.

To simplify matters further, if you use the same size icons on the toolbar, then the library will automatically create and position the icon buttons from an array containing a list of the button image file names.

Once you have created your toolbar, all you need is to insert the following code into your program:

```
CALL TC_event(0,event$,window,z1,z2)

IF event$="SINGLE" then
  CALL TB_find_icon(,z1,z2,found)
  REM: found reports the ID of the button that was clicked with the mouse
  REM: if found=zero then the toolbar is being dragged.
END IF
```

**What does a toolbar look like.**



The toolbar and button backgrounds can be any color.



This shows the toolbar dragged to another position

