

## **Windows Sizer 1.0**

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## **Introducing Windows Sizer**

Windows Sizer is an utility to arrange windows.

It gives you much more control than the standard "Tile" and "Cascade" options available in Windows.

With Windows Sizer you can move any window to 5 predefined positions on the screen, size it to 10 dimensions suitable to all screen resolution, minimize, maximize, restore and close any window without activate it. And spent more time working with yours applications instead of sizing and moving them.

Window Sizer remeber its size and position, helping you to find a place without trouble for you applications, and can be immediatly restored with a personalizable "hotkey".

## **Why Windows Sizer ?**

Today PCs have fast processors and high amount of RAM, giving the user the ability to run multiple application at the same time. On the other side, a tipical user still own a 14"-15" monitor, and use a screen [resolution](#) of 800x600 pixels.

This often drive to a full-of-window, muddled desktop.

Today typical video boards fits 1-2 Mbyte of video memory, allowing resolutions up to 1024x768 and 1600x1200 respectively (the above resolution are calculated at 256 colors). These resolution outperform the capabilities of a 14" monitor. But the price of a suitable one can be more then 2000\$. That's because many video board manufacturer produce "virtual desktop" video drivers.

With a virtual desktop you can use a screen resolution of i.e. 1240x1024 with a monitor capable of i.e. 800x600.

Of course you can see only 800x600 [pixels](#) at one time, but if the mouse cursor reach the border of the screen and you keep moving it, the screen scrolls with it. In this example you have a viewport of 800x600 pixels moveable over a desktop of 1240x1024.

Virtual desktops can really improve your ability to work with multiple applications. But usually make more difficult to have a clear and ordered windows displacement.

**Pixel**

Short for "Picture Element".

A single coloured spot of a TV or computer monitor image.

**Resolution**

The number of pixels which make a TV or computer monitor image.


800x600 means there are 800 pixels across the width and 600 pixels across the height of the monitor. This means the entire screen image is made up of  $800 \times 600 = 480.000$  pixels.

**Move menu**

This item display a submenu, where you can select a location for the window currently selected (if any) in the windows list.

## Size menu

This item display a submenu, where you can select a size for the window currently selected (if any) in the windows list.

640x480, 800x600 and 1024x768 are commonly used resolution. These let you enlarge your windows to the cover all the screen, the so called "maximize" already available in Windows® (In Windows95® you have to press the button ) and trough the actions menu in Windows Sizer. Using "maximize" can make your window larger then you can see with virtual desktops, so use the Size menu instead.

620x460, 780x580, 1004x748 let you maximize your windows leaving a 20 pixels border to see the desktop, shortcut icons, application bar and so on.

380x280 and 400x300 size your window to  $\frac{1}{4}$  of screen size at 800x600 (with or without the 20 pixels border). This way you can order your applications in a "Tile" style.

492x364 and 512x384 size your window to  $\frac{1}{4}$  of screen size at 1024x768 (with or without the 20 pixels border). This way you can order your applications in a "Tile" style.

**Actions menu**

This item display a submenu, where you can select some command for the window currently selected (if any) in the windows list.

"To front" move the selected windows (if any) to the top of the windows stack, making it visible if actually covered by another windows.

All the others commands are already availble trough the standard Windows® interface, and are here for comodity only, allowing faster resizing/closing of mulitple windows.

**Refresh command**

Windows Sizer automatically tracks windows creation and destruction, updating the windows list whitout user interaction.

Anyhow, some windows are not detected by Windows Sizer.

To force a relist of the existing windows use this command.



## Setup dialog

This dialog box let you :

1. Set an hot key. An hot key is a combination of keys you can use to immediatly activate Windows Sizer.  
Click on the edit box labeled "hot key" and press one or more keys. The edit box display the name of the keys you have pressed. Avoid using combiination already used by others application or by Windows®, or simply characters alone (always use the Ctrl or Alt or Shift key too). Press the OK button to store and activate the hot key. The hot key is immediatly active. It's deactivated when you exit Windows Sizer and restored on restart.
1. Keep the Windows Sizer window on top of other windows.  
Checking the "Always on top" box, you force Windows Sizer to remain over others windows. This way Windows Sizer is always visible and you need no more an hot key.

**Know bugs and limitations**

1. Some windows creation/destruction is not detected correctly. This mean sometimes the windows list is not correctly updated. You can :
  - Startup another application. When an application that's correctly detected start, the entire windows list is refreshed.
  - Use the "Refresh" command.
1. With some virtual desktops the last position of the Windows Sizer windows is not correctly restored when you restart the application. There are not troubles with window size.

Please report any trouble to the [author](#).

## The Author



Ok, here he's who you can blame for what's going wrong ! My name is Corrado Labinaz, and I'm an Italian computer programmer, so avoid blame me because the grammar of this help is not like Shakespeare could do ! ! The most part of my job is to developpe custom database application. For this I use mainly Borland® Delphi®. Anyhow, Windows Sizer is NOT written in Delphi®. Take a look at [technical notes](#) if you want to know more about. You can reach me at [clab@gpnet.it](mailto:clab@gpnet.it) (You must have Netscape Navigator or Microsoft Internet Explorer properly installed before to click this link ! !)

**Technical notes**

Windows Sizer is been developed with Microsoft® Visual C++ 4.0, using MFC 4.0.

You need MFC40.DLL to run Windows Sizer.

It use a window hook to detect windows creation/destruction (but it doesn't work everytime. Any idea ?).

It need Windows95® or WindowsNT® 3.51 or above (it's not been tested under Win32s).

This help file is been created with RoboHelp95®.

**Program files :**

<b>file name</b>	<b>purpose</b>
HookDll.dll	system hook
Inetwh32.dll	send internet e-mail from windows help
SetBrowse.exe	utility for Inetwh32.dll
WSizer.exe	main executable
WSizer.gid	help related file
WSizer.hlp	help file
Readme.txt	general information

**Registry :**

Windows Sizer store setup information under the following registry key :

HKEY\_CURRENT\_USER\Software\Clab\WSizer\1.0

**Legal information**

This software is freeware.

You have the right to copy and distribute it freely, and you are encouraged to do it.

You must distribute the entire setup file "WSizer.zip", without modification.

You must charge nothing for distributing this software, other than a shipping and handling fee.

This software is provided "as is".

The author spent a long time to develop and test it, and believe it will work like described in this help file.

Anyhow, YOU USE THIS SOFTWARE AT YOUR OWN RISK.

The author will not be responsible for any damage or data loss caused by proper or improper use of this software.

