







































Part II

WindowBuilder Pro/V Reference

WindowBuilder Pro/V

WindowBuilder Pro/V Reference

Chapter 7 — Tool Bar Reference

	Test Window		Set Font
	New Window		Set Color
	New Dialog		Set Framing
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WindowBuilder Pro/V

Chapter 8 — Menu Reference

File Menu

File	
N ew Window	Ctrl+N
N ew D ialog	
O pen...	Ctrl+O
C omposite Panes	▶
I mport From W B 1.x...	
I mport From Res File...	
S ave	Ctrl+S
S ave A s...	
S ave As Default	
E xport To Res File...	
E dit ViewManager Code...	Ctrl+E
E xit	Ctrl+Q

New Window

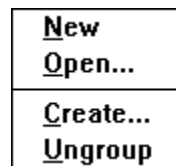
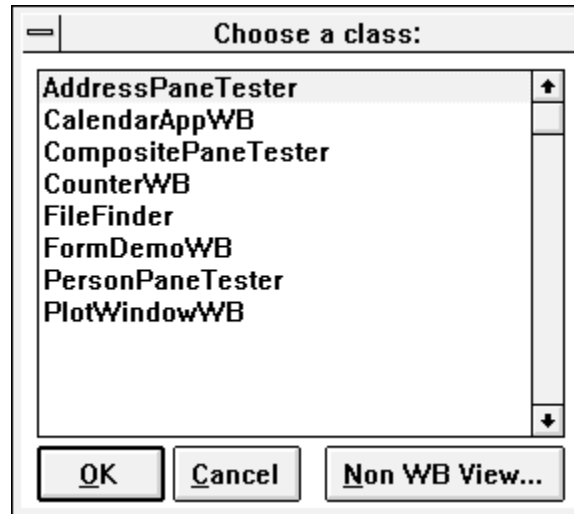
Create a new window. This causes WindowBuilder Pro to discard any work in progress, and start from scratch on a new copy of the default template viewmanager.

New Dialog

Create a new dialog. This causes WindowBuilder Pro to discard any work in progress, and start from scratch on a new copy of the default template WindowDialog.

Open...

Edit an existing ViewManager or WindowDialog. WindowBuilder Pro will prompt the user with a class dialog containing a list of viewmanagers that have been created by it (using this class dialog, you may also attempt to edit other windows, as long as they have a `createViews` or `open` method). When a window is chosen, WindowBuilder Pro will discard any work in progress, and begin editing the window of the selected ViewManager or WindowDialog.

**New Composite Pane**

Create a new CompositePane. This causes WindowBuilder Pro to discard any work in progress, and start from scratch on a new copy of the default template compositepane.

Open Composite Pane...

Edit an existing CompositePane. WindowBuilder Pro will prompt the user with a class dialog containing a list of compositepanes that have been created by it. When a compositepane is chosen, WindowBuilder Pro will discard any work in progress, and begin editing the window of the selected CompositePane.

Create Composite Pane

Create a new CompositePane from the widgets selected in the editing window. This causes another copy of WindowBuilder Pro to open with the selected widgets as the basis for a new CompositePane. If this compositepane is saved, you will have the opportunity to replace the existing widgets with the new compositepane.

Ungroup Composite Pane

Split the selected compositepane into its component parts.



Warning: any behavior associated with the compositepane's class will be lost. The component widgets will preserve their names and the names of any event handlers they had.

Import From WB 1.x...

Import windows created with version 1.x of WindowBuilder for Windows.

Import From Res File...

Prompt the user for an existing dialog resource (.res) file for importing into WindowBuilder Pro.

Save

Save the edited viewmanager or compositepane by generating the appropriate code.

If the edited object has not been associated with a class, this command behaves exactly as the **Save As...** command, described below.

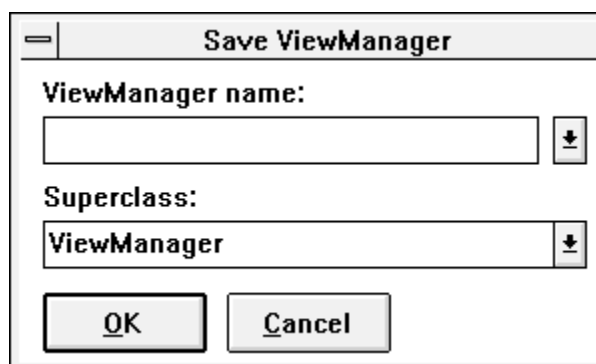


Warning: when a viewmanager or compositepane's definition is saved, it writes over the previous `createViews` method for the viewmanager's layout. You will have to resort to the change log to recover code that is lost in this manner.

Save As...

Save the edited viewmanager or compositepane by generating the appropriate code.

When this command is executed, WindowBuilder Pro will bring up the following dialog from which to select a target application window:



In the top combobox, enter a name for the new viewmanager (windowdialog, compositepane) you're creating; if you wish to save over an existing class, the names of all the available viewmanagers (windowdialogs, compositepanes) can be chosen from this combobox.

If you want a new class to have a different superclass than ViewManager (WindowDialog, CompositePane), select it in the combobox below.



Warning: when a window's definition is saved, it writes over the previous method's definitions for the ViewManager or CompositePane's layout. You will have to resort to the change log to recover code that might be lost in this manner.

Save As Default

Save the current viewmanager (or windowdialog or compositepane) as the default template. Any subsequent WindowBuilder Pros that are launched will use this template as an example scratch window (or dialog or compositepane).

Export To Res File...

Prompts the user for the name of a dialog resource file in which to save the currently edited dialog. This will also create a corresponding .h file for any pane names associated with controls. If WindowBuilder Pro is currently editing a titled window rather than a dialog, this command will be disabled.

Edit ViewManager Code...

Launches a Smalltalk ClassHierarchyBrowser on the currently edited viewmanager. If WindowBuilder Pro is open on an untitled application window, this command will be disabled.

Exit

Exit WindowBuilder Pro. If any changes have been made since the last save of the application window, the user will be prompted to save the window. Closing WindowBuilder Pro with the system closebox will have the same effect.

Edit Menu

<u>E</u>dit	
<u>U</u>ndo Move	Ctrl+Z
<u>C</u>ut	Ctrl+X
<u>C</u>opy	Ctrl+C
<u>P</u>aste	Ctrl+V
<u>C</u>lear	Ctrl+Delete
<u>S</u>elect All	Ctrl+/
<u>B</u>ring To Front	Ctrl+F
Send To <u>B</u>ack	Ctrl+B
<u>D</u>uplicate	Ctrl+D
<u>M</u>orph...	Ctrl+M
<u>E</u>vent Summary...	Ctrl+R
Edit Tabbing/<u>G</u>roups...	Ctrl+G
Paste <u>W</u>indow Bitmap to Clipboard	
Test <u>W</u>indow	Ctrl+T

Undo

Undoes the last edit operation. This command is dimmed when an operation cannot be undone.

Cut

Remove the selected subpane(s) from the interface, placing it (them) on the clipboard for later pasting.

Copy

Place a copy of the selected subpane(s) on the clipboard.

Paste

Load the cursor with the subpanes on the clipboard. When the mouse is clicked somewhere within the layout pane, the clipboard selection will be placed at that location.

Clear

Remove the selected subpane(s) from the interface without affecting the clipboard.

Select All

Select all the subpanes within the main window.

Bring To Front

Move the selected subpane in front of any subpanes it's obscured by.

Send To Back

Move the selected subpane behind any subpanes it overlaps.

Duplicate

Create another copy of the selected subpane or subpanes. The first duplicate will be offset diagonally relative to the original. If this copy is repositioned, subsequent duplicates will be placed using this new offset.

Morph...

Morph the selected subpane into a different type while preserving as many attributes as possible. Attributes not needed by the target class will be lost. Attributes not provided by the source class will be defaulted. The popup menu for each subpane provides a list of ideal morphing candidates.

Event Summary...

Launch a special text window containing a summary of the events used within the currently edited viewmanager.

Edit Tabbing/Groups...

Launch the Tabbing/Groups Editor on the current window definition.

Test Window

Launch an example of the currently edited viewmanager (or windowdialog or compositepane), by sending the message open to a new instance of it. This function can also be performed by pressing the **Test** button. CompositePanes will be launched into a WBCompositePaneTester window.

View Menu



Switch To...

Prompts the user with a list of the other views in this viewmanager to edit. After choosing one, WindowBuilder Pro will display that view. If the viewmanager has not yet been saved to a class name, if there is only one view, or if you are currently editing a windowdialog, this command is dimmed.

Create...

Prompts the user for the name of a new view to add to the window. After giving the new name, WindowBuilder Pro will switch to the new view, using the default template.

Remove...

Removes the current view from this viewmanager. If there is only one view, this command will be dimmed.

Align Menu

Align	
L eft	Ctrl+Shift+L
T op	Ctrl+Shift+T
R ight	Ctrl+Shift+R
B ottom	Ctrl+Shift+B
C enter	▶
D istribute	▶
<hr/>	
M ove By Pixel	▶
S ize By Pixel	▶

Left

Align the left side of the selected subpanes to the leftmost subpane in the selection.

Top

Align the top of the selected subpanes to the topmost subpane in the selection.

Right

Align the right side of the selected subpanes to the rightmost subpane in the selection.

Bottom

Align the bottom of the selected subpanes to the bottommost subpane in the selection.

Center Horizontally

Align the selected subpanes so that one horizontal axis goes through all their centers.

Center Vertically

Align the selected subpanes so that one vertical axis goes through all their centers.

Distribute Horizontally

Evenly distribute the selected panes horizontally, i.e. leaving the leftmost and rightmost panes in the same location, force the space between each pane to be the same.

Align Menu

Menu Reference

Distribute Vertically

Evenly distribute the selected panes vertically, i.e. leaving the topmost and bottommost panes in the same location, force the space between each pane to be the same.

Move By Pixel

Move the selection one pixel in the direction specified.

Size By Pixel

Size the selection one pixel in the direction specified. When sizing, the top left corner of the selection will remain stationary, and the lower right will shift.

Size Menu

Size	
A uto Size Selection	Ctrl+Shift+A
Replicate W idth	Ctrl+Shift+W
Replicate H eight	Ctrl+Shift+H
S et Window Size...	
S et Window P osition...	

Auto Size Selection

Set the size of the selected subpane to the size specified by the subpane's answer to the suggestedSize message. The default suggested size is the current size of the subpane, i.e. a no-op. This command is useful for "sanely" sizing simple subpanes like static text without much effort.

Replicate Width

Set the width of all subpanes in the selection to the width of the leftmost subpane in the selection.

Replicate Height

Set the height of all subpanes in the selection to the height of the topmost subpane in the selection.

Set Window Size...

Set the size of the selected subpane or view to a specific pixel size. This is useful for giving windows well-known sizes, such as the size of a VGA screen.

Set Window Position...

Set the location at which the currently selected view will initially be placed. When executed, this command will track the mouse with a rectangle the size of the current window; when the user releases the mouse, the current position of the rectangle will be used.

Options Menu

Menu Reference

Options Menu

Options	
Grid Size...	
Draw Grid	
✓ Auto Save	
✓ Auto Size	
Zoom Layout	Alt+Z
Add-In Manager...	

Grid Size...

Set the grid size of the layout pane in the x and y directions. Grid size is useful for aligning subpanes; it creates an invisible grid that subpanes “snap” to when being placed, dragged, or sized.

Draw Grid

When this option is set, WindowBuilder Pro will visually display the current grid.

Auto Save

Autosave prevents WindowBuilder Pro from querying you to save the window’s definition every time you wish to test it. This promotes more rapid testing.

Auto Size

Toggle the state of automatic autosizing. If autosizing is on, many subpanes (StaticText, Buttons, etc.) will automatically adjust their sizes as you type their labels. StaticText widgets will autosize based on their justification style.

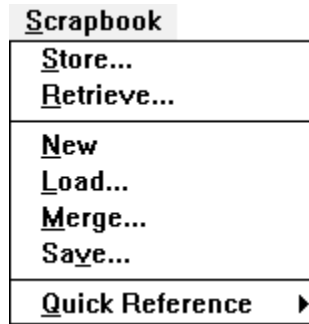
Zoom Layout

Zoom the layout area of WindowBuilder Pro to take the entire window. This command toggles; executing it again restores the full window.

Add-In Manager

Launch the Add-In Manager dialog. The Add-In Manager is used to extend the WindowBuilder Pro environment with additional functionality.

Scrapbook Menu

**Store..**

Store the selected subpane or subpanes in the Scrapbook for later retrieval

Retrieve..

Open the Scrapbook and select a stored item for use in the editing window

New

Create a new Scrapbook. If you have not saved the current Scrapbook to disk, its contents will be lost.

Load..

Load a Scrapbook from disk (.SBK files). This will replace the current Scrapbook in its entirety.

Merge..

Merge a Scrapbook stored on disk with the one in your image. Conflicts (pages with the same name in the same chapter) can be resolved by keeping the current version, using the new version, or bringing the new version in with a ".2" appended to its name.

Save..

Save the current Scrapbook to disk.

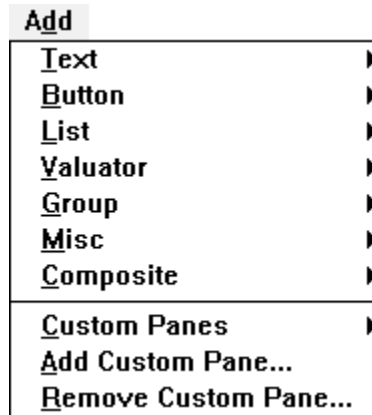
Quick Reference

Cascade a menu showing all of the pages contained in the "Quick Reference" chapter of the Scrapbook. This chapter is an ideal place to put standard interface objects that are used frequently (e.g., the "OK & Cancel" combination).

Add Menu

Menu Reference

Add Menu



Text

Drops down a submenu containing all the text display and editing subpanes. It acts like Static, above. When a subpane type is selected from the submenu, the cursor will be loaded with an example of this subpane, which you can then place in the window (i.e. this performs the same function as the Subpanes Palette).

Button

Drops down a submenu containing all the button-type subpanes. It acts like Text, above.

List

Drops down a submenu containing all the “choice pane”-type subpanes, or subpanes which allow the user to select one from a group of items. It acts like Text, above.

Valuator

Drops down a submenu containing all the “valuator”-type subpanes, or subpanes which allow the user to set a numeric value from a range. In the base system, this consists only of scrollbars. It acts like Text, above.

Group

Drops down a submenu containing all the visually containing subpanes including GroupBoxes and StaticBoxes. It acts like Text, above.

Misc

Drops down a submenu containing a miscellaneous group of subpanes, including GraphPane, AnimationPane, and WBToolBar. It acts like Text, above.

Composite

Drops down a submenu containing special CompositePane subclasses, including RadioButtonGroup, CheckBoxGroup, and EntryFieldGroup. It acts like Text, above.



CompositePanes that you create will not appear on this menu unless you add them using the procedure described in **Appendix A**. Use the **Custom Panes** menu below.

Custom Panes

Drops down a submenu that allows you to place a custom subpane of your design. Subpanes can be added to this list using the Add Custom Pane... command, or removed using the Remove Custom Pane... command, both described below.

Add Custom Pane...

Adds a subpane to the Custom Panes list. If you create your own subpanes, and want access to them in WindowBuilder Pro, add them using this command.

Remove Custom Pane...

Removes a subpane from the Custom Panes list.