

APL64: Function and Variable Editing Editor's Pane Formats

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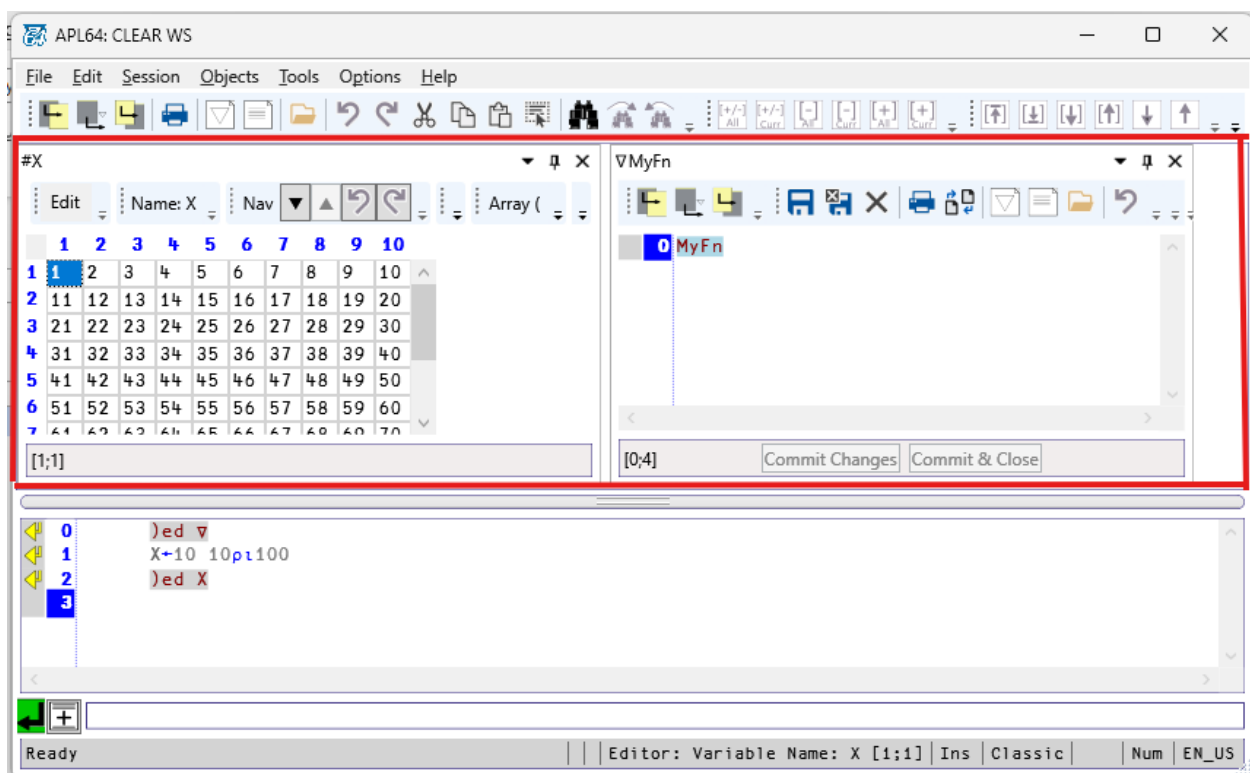
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Summary

In the APL64 Developer version function and variable editors can be floated or docked. When floating an editor's position on the workstation display is not limited to within the APL64 Developer version main window. When docked an editor's position is within the main window.

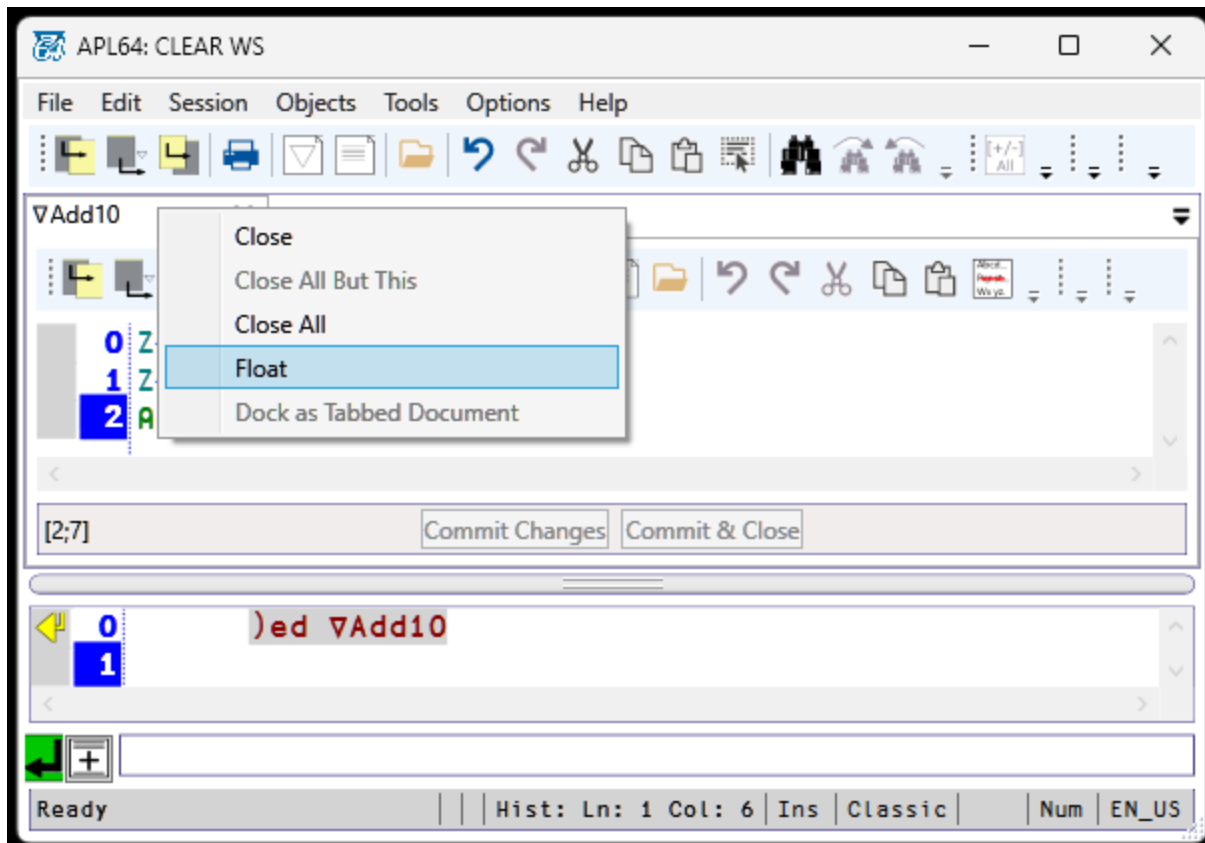
Docked Editor

When an editor is docked it is contained with the Editor's pane of the APL64 Developer version main window:



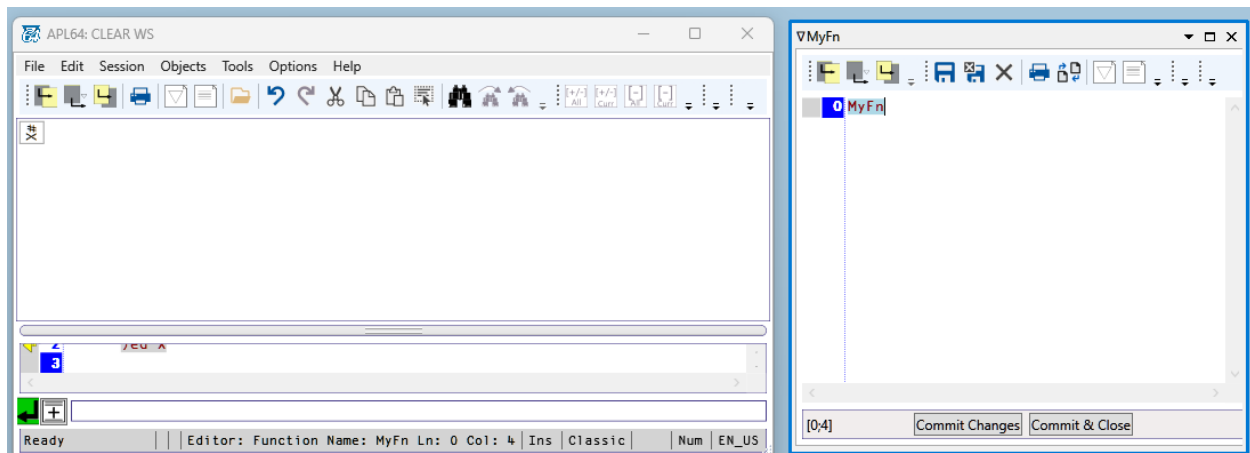
Floating a Docked Editor

When an editor is docked, float it by dragging its title bar out of the main window, or right click on the editor's tab and select the float option:



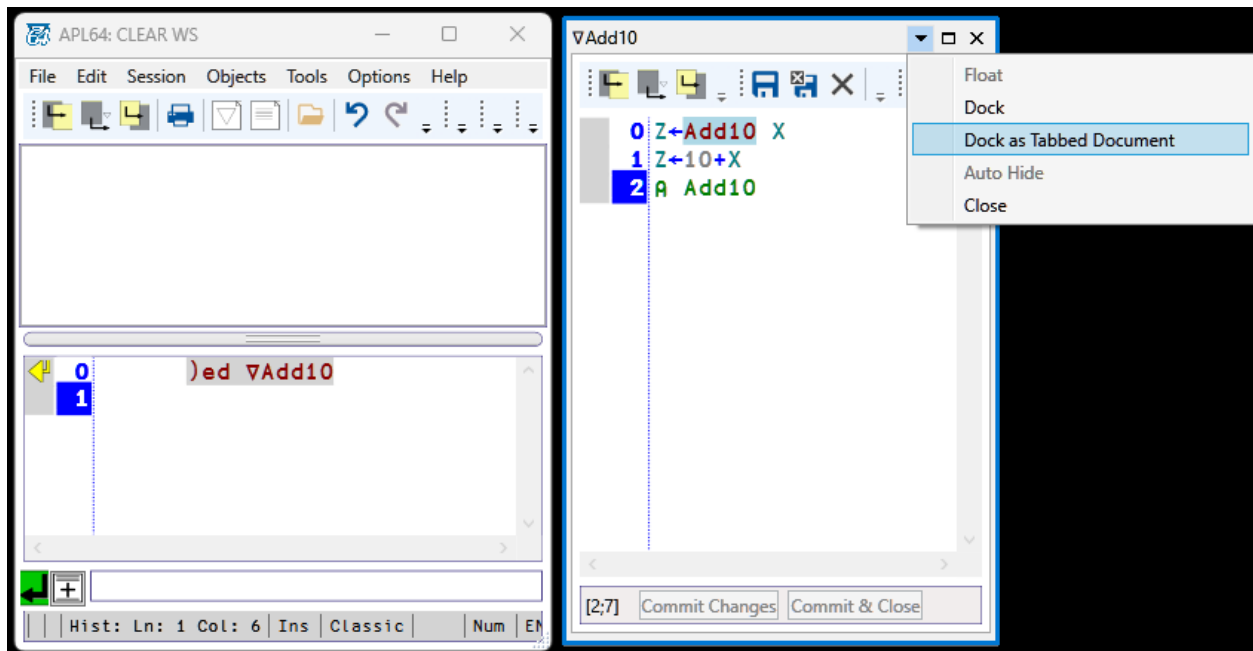
Floating Editor

A floating editor is rendered to the workstation display independently of the main window. In this example the editor for 'X' is docked, and the editor for 'MyFn' is floating:

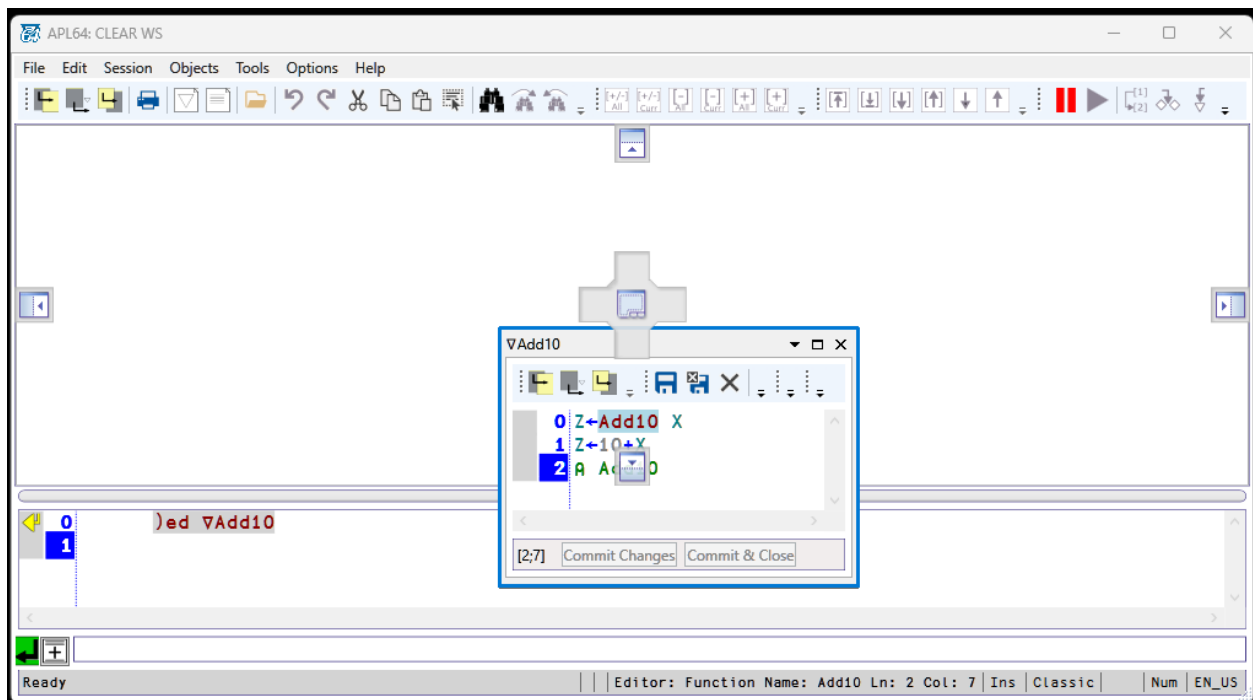


Docking a Floating Editor

To dock a floating edit, select Dock or Dock as Tabbed Document from the Window Position list:



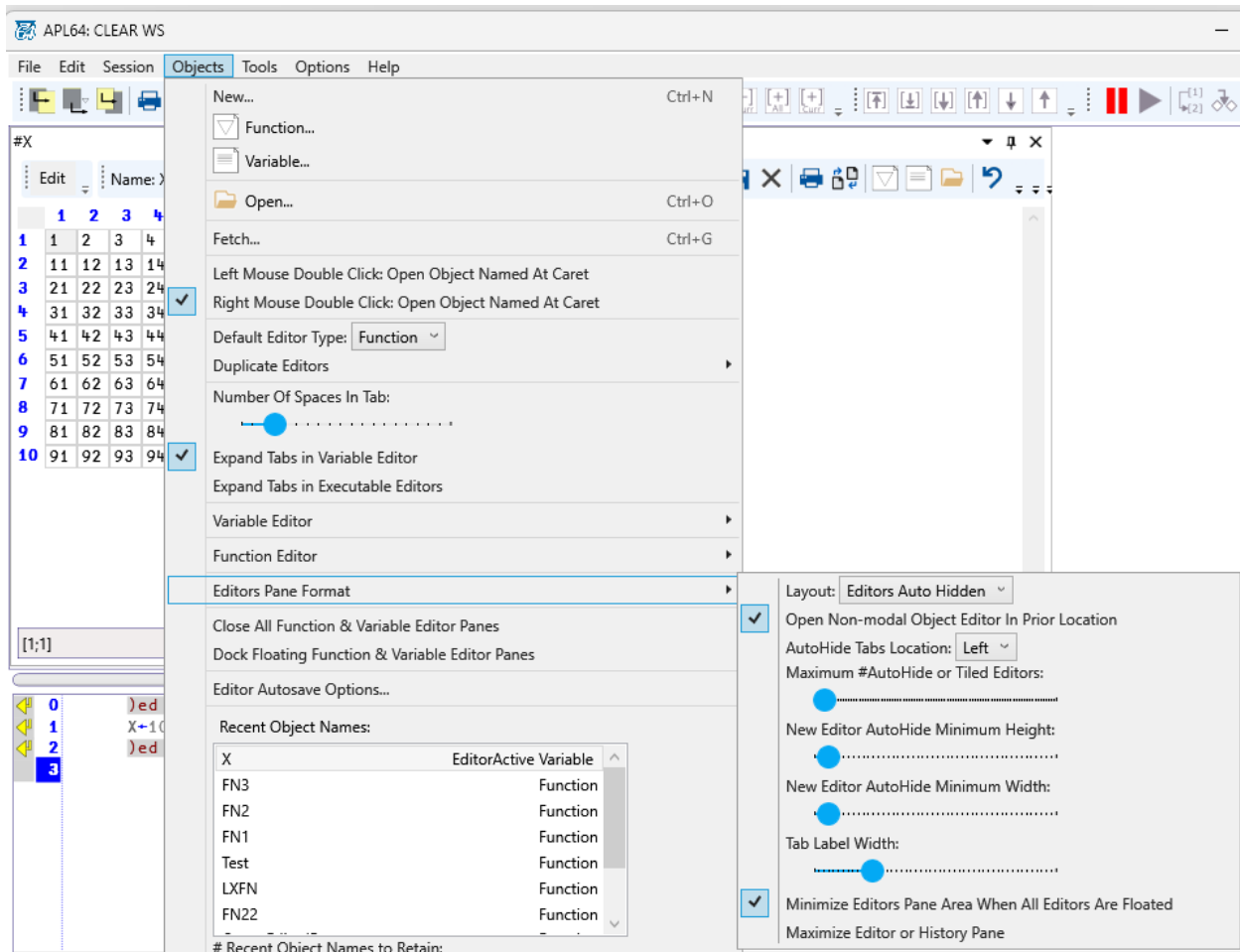
A floating editor can also be docked by dragging the floating editor's title bar to one of the docking locations in the editor's pane of the main window:



Selecting Editor's Pane Format Options

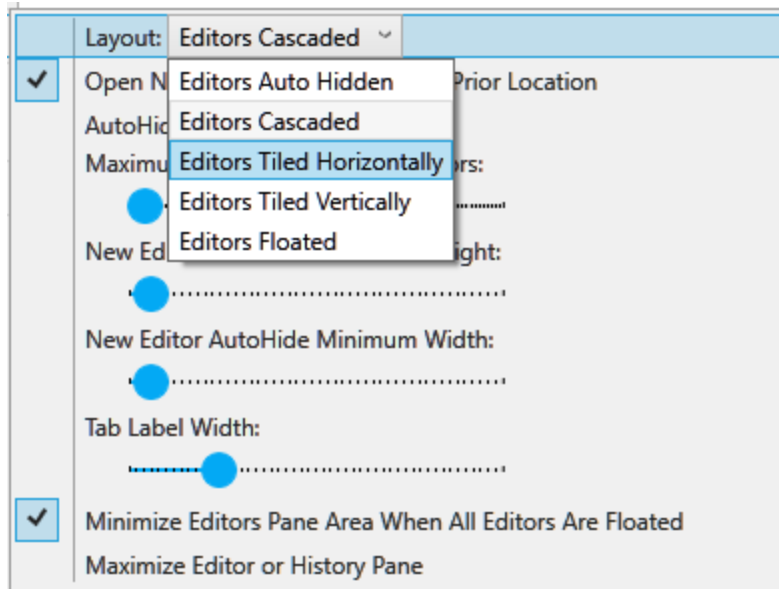
The editor's pane in the main window supports several formats which can be selected from the Objects | Editors Pane Format menu item:

Editor's pane format options are selected here:



Layout

The layout option determines how editors will be presented in the editor's pane. The layout option is selected from this list:



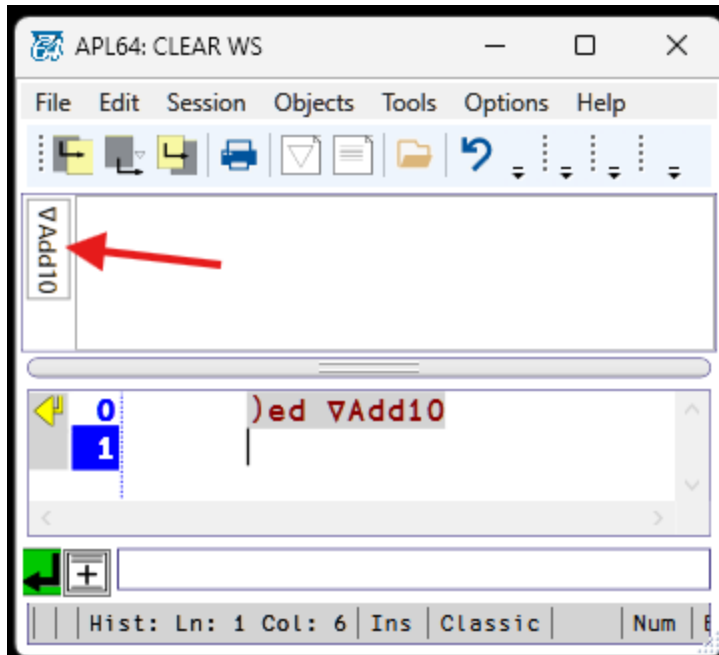
If the 'Editors Floated' Layout option is selected, all existing editors will be floated. If one of the other Layout options is selected, all existing editors will be docked and rendered according to the selection made.

Editors Auto Hidden

Because APL64 editors can be floated independently of the main window of the APL64 developer version GUI, the auto hide option may have limited utility. Continue reading this section to learn about auto hidden editors.

Auto hidden editors are rendered in the editor's pane of the main window as tabs on the specified edge of the editor's pane. An editor in the auto hidden state is analogous to minimizing a window.

When an editor is autohidden, its representation is reduced to a button on the edge of the editor's pane, effectively minimizing the editor within the editor's pane:



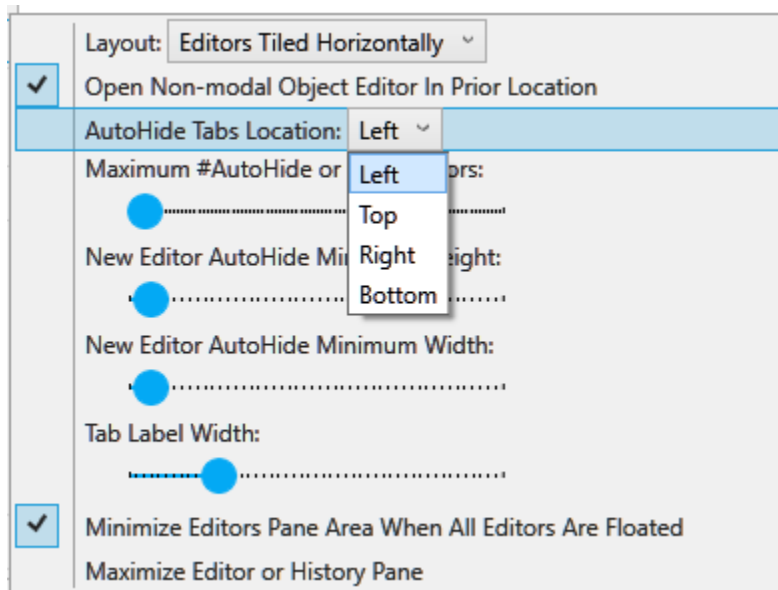
Enabling Auto Hiding of Editors

Select Editors Auto Hidden

To enable auto hiding of editors, select the 'Editors Auto Hidden' option from the Layout list. Making this selection will auto hide all existing editors.

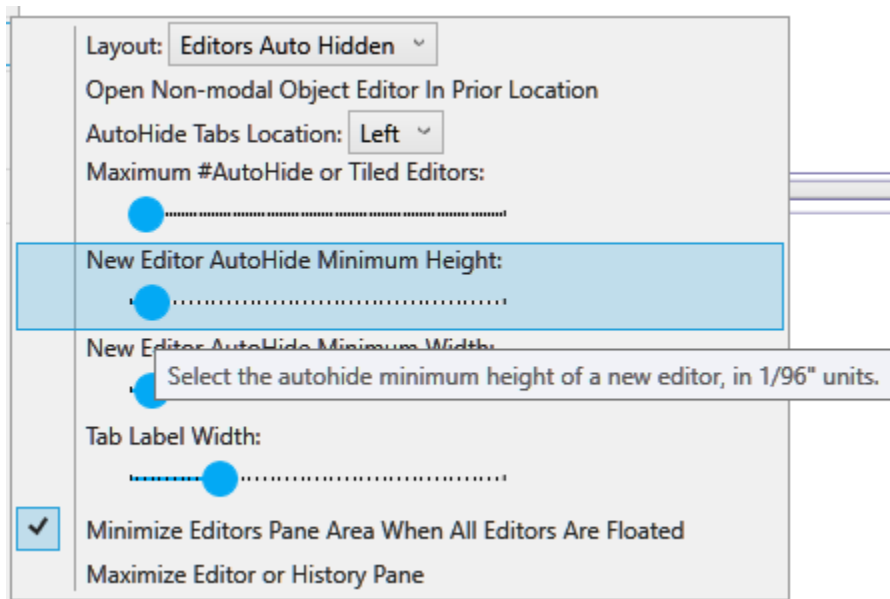
Select the Autohide Tabs Location

The edge of the editor's pane where the tabs for auto hidden editors will be located is selected from the Autohide Tabs Location list:



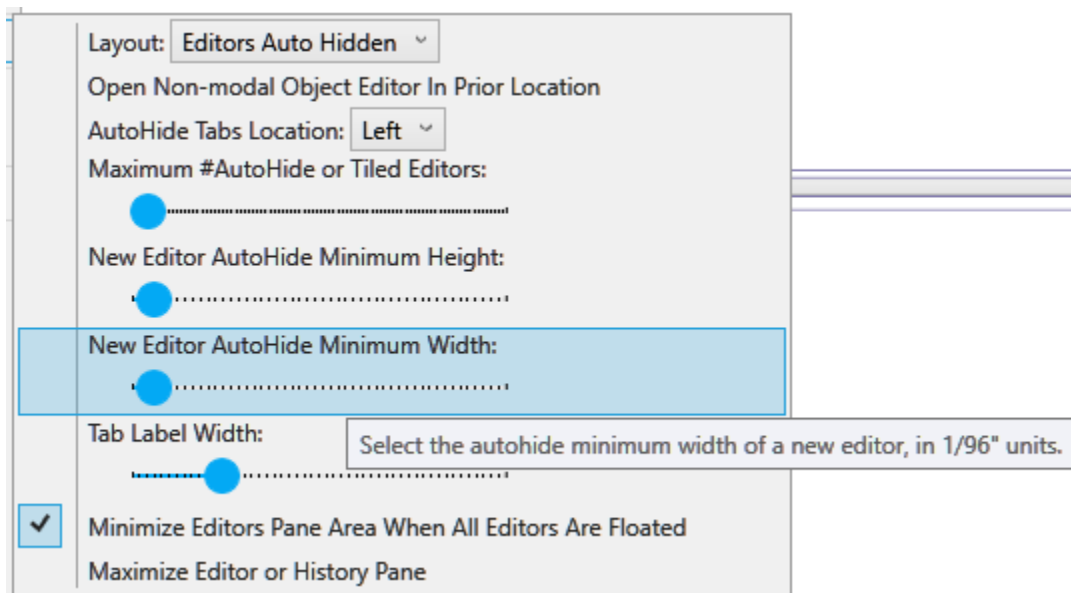
Auto Hidden Editor Minimum Height

The minimum height of an autohidden editor which is visible is selected here:



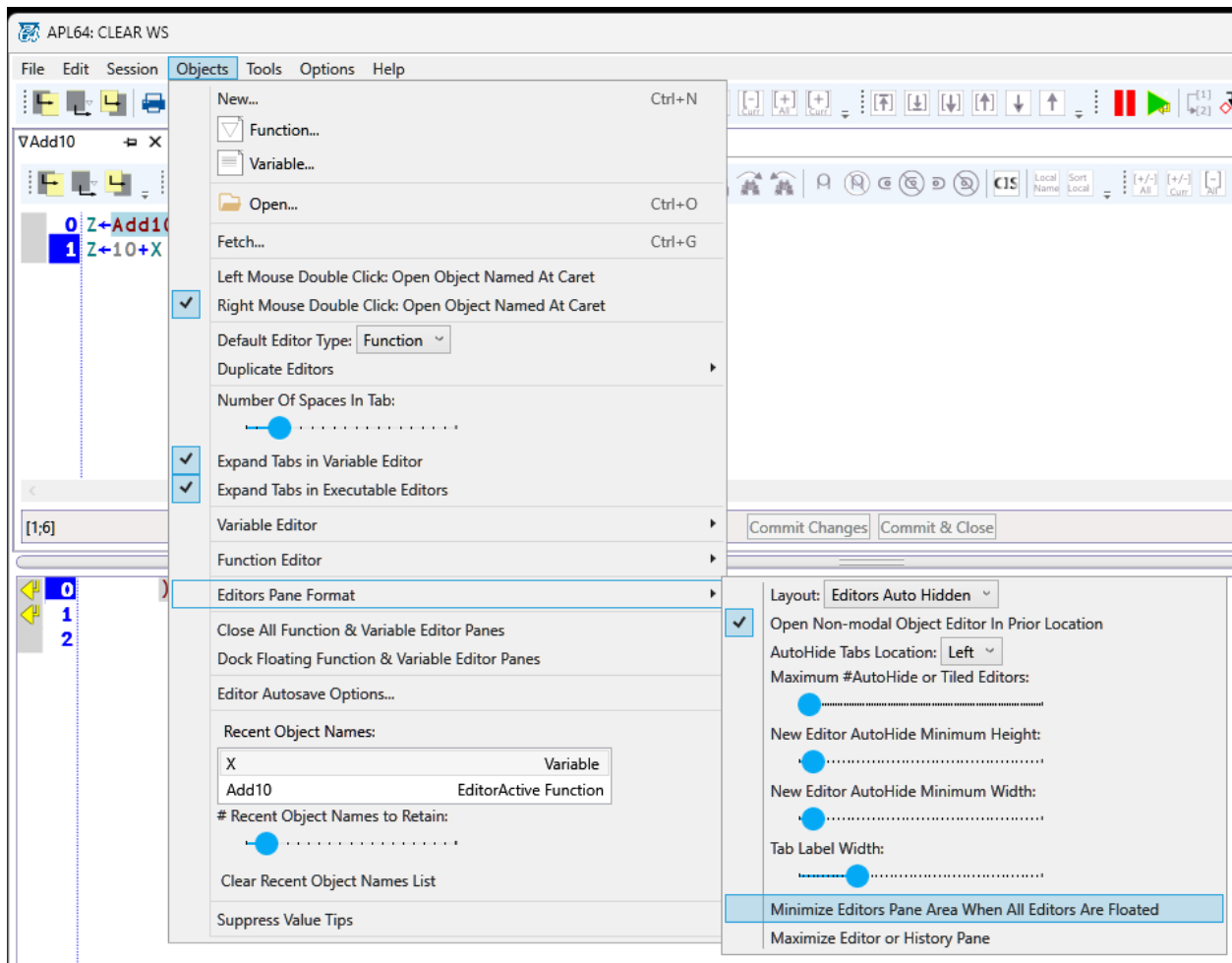
Autohidden Editor Minimum Width

The minimum width of an autohidden editor which is visible is selected here:



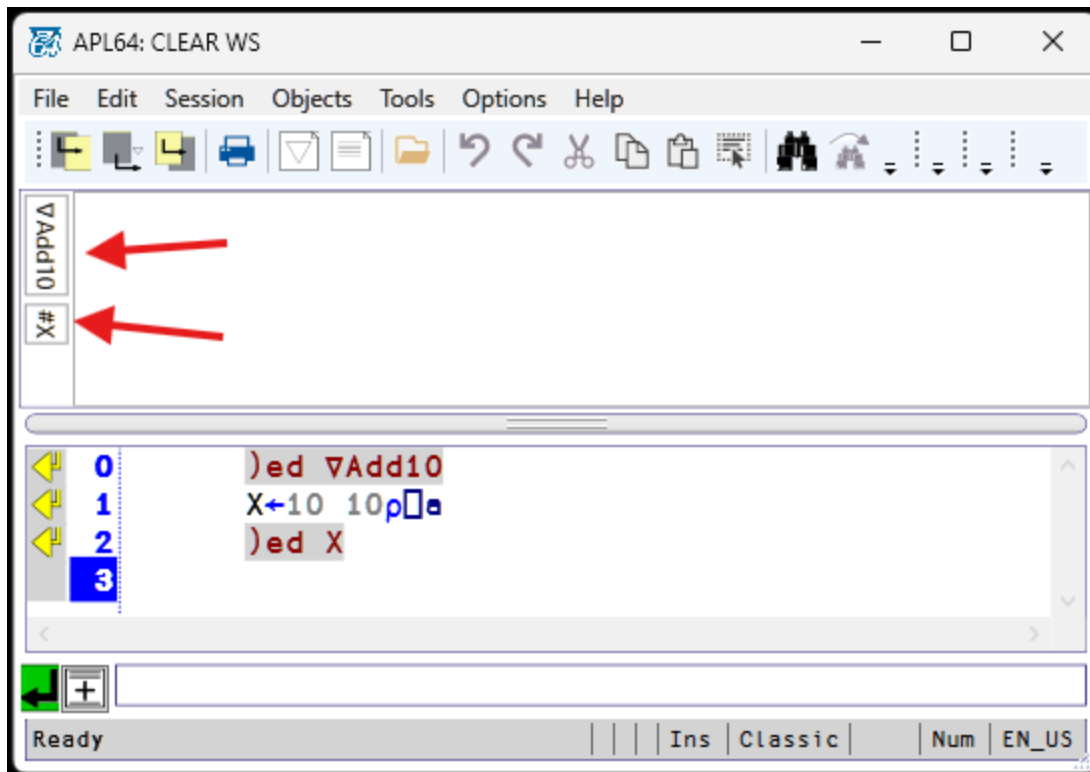
Minimize Editors Pane Area When all Editors are Floated

Also consider unchecking the 'Minimize Editors Pane Area...' option:



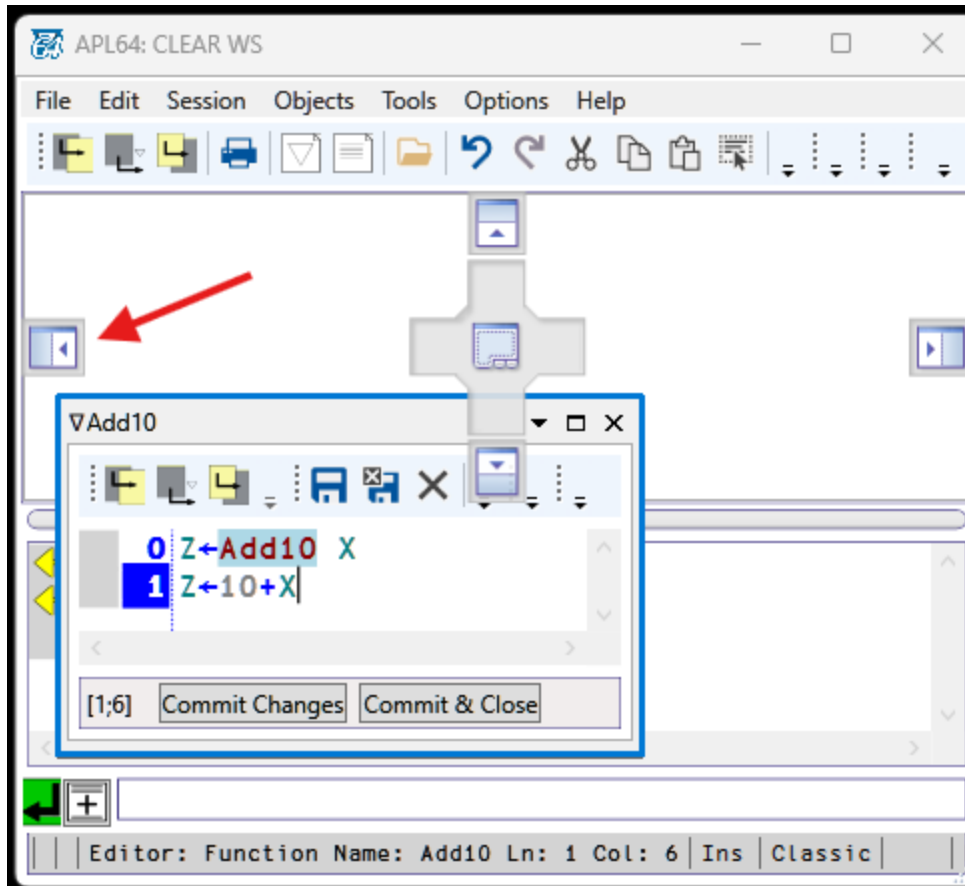
Auto Hide All Editors

All existing editors can be autohidden by selecting the 'Editors Auto Hidden' Layout option:

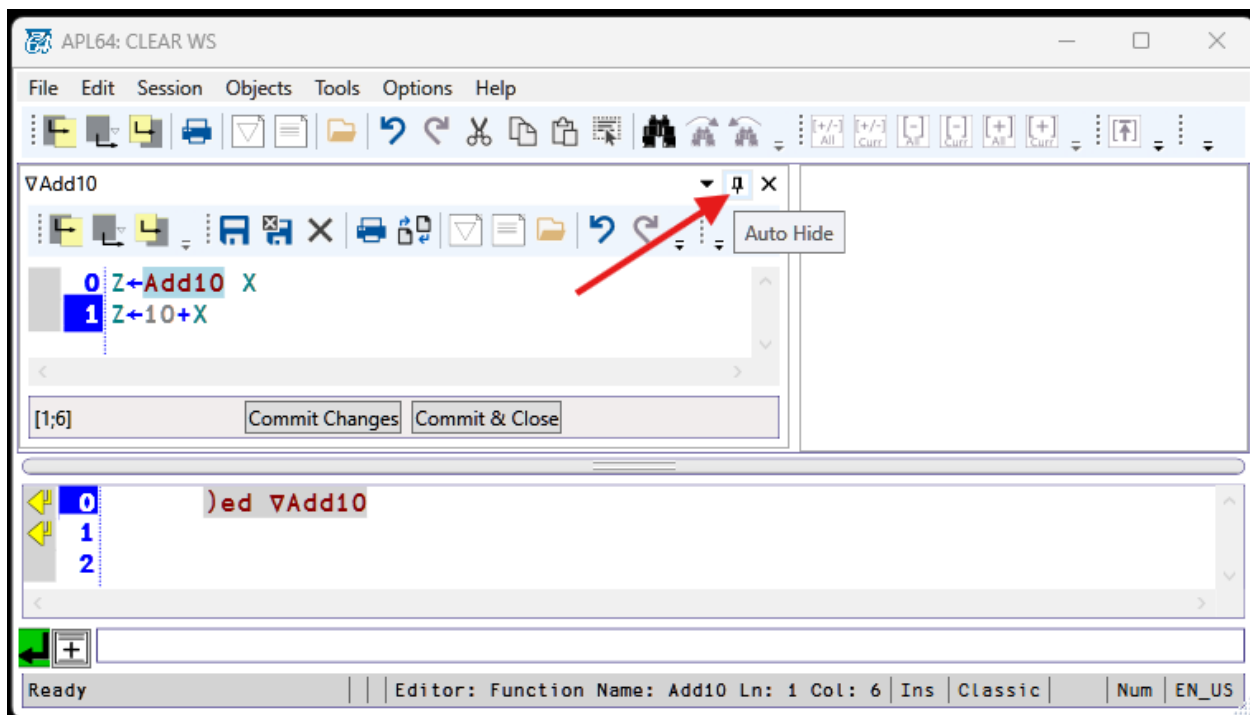
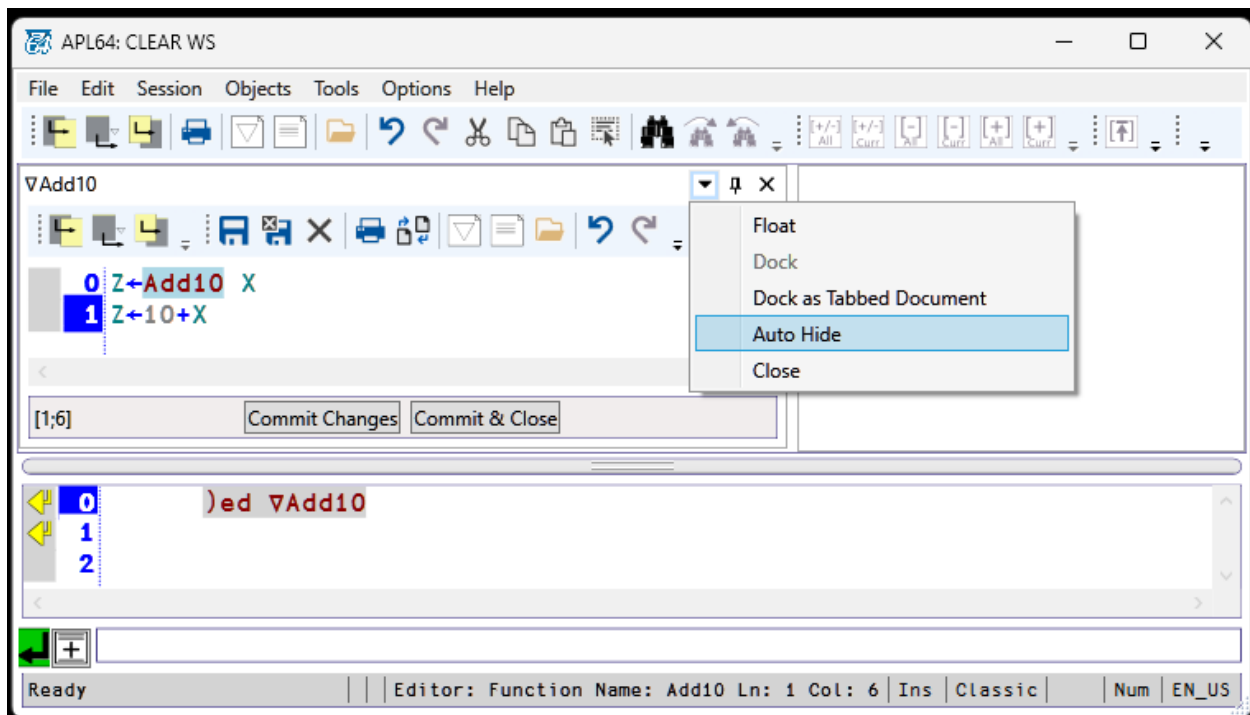


Auto Hide an Editor

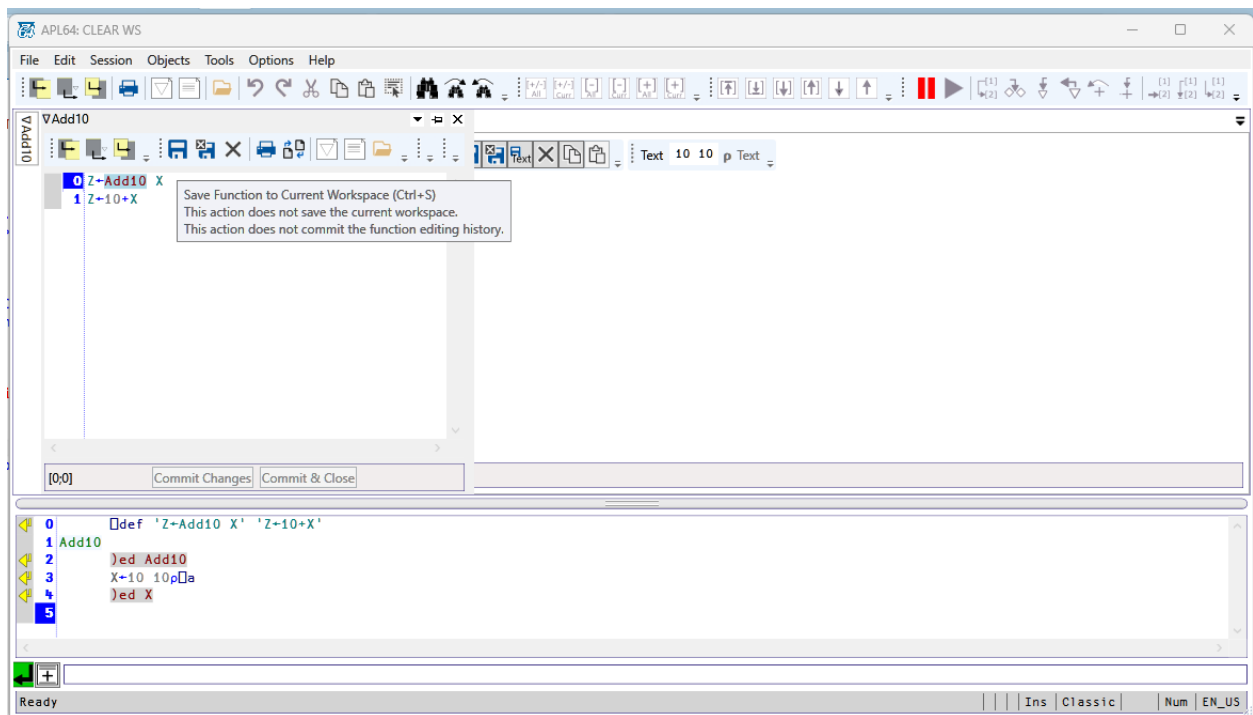
When auto hiding of editors is enabled, a docked function or variable editor can be auto hidden by dragging its title bar to the specified auto hidden editors docking location on the edge of the editor's pane. In this example the 'Autohide Tabs Location' was user selected as 'Left':



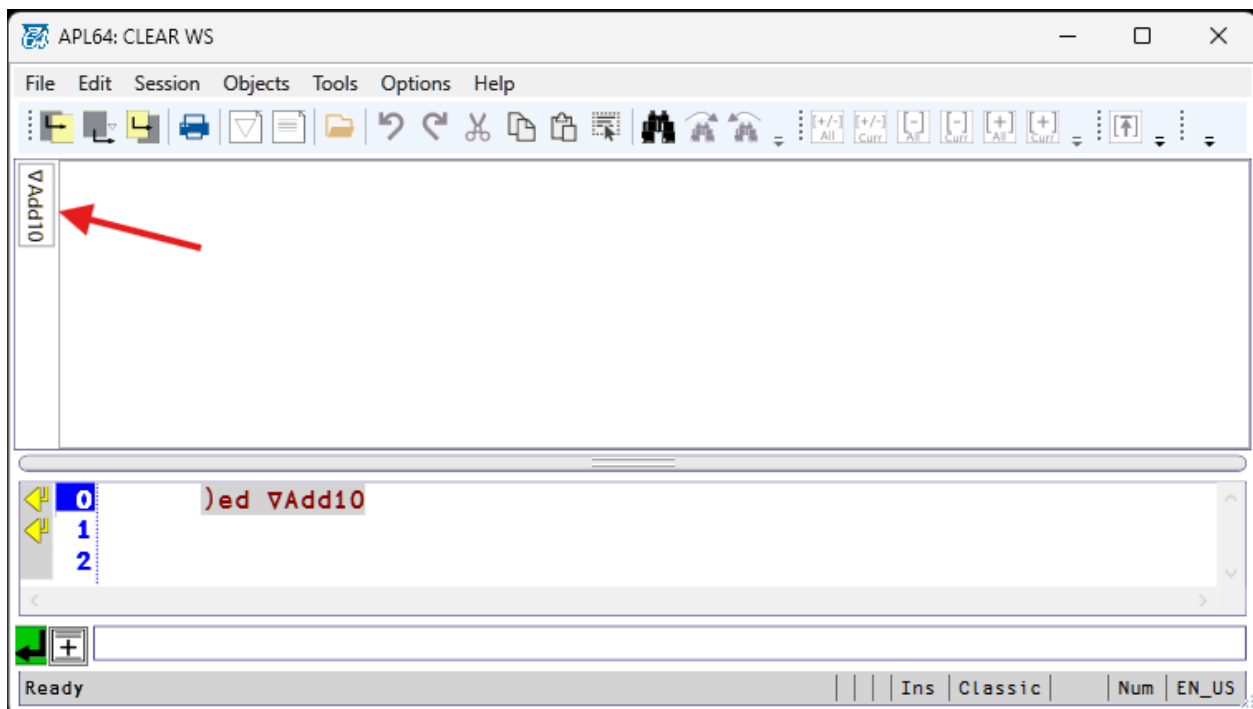
After dropping the editor on the auto hidden tabs location, the editor state becomes 'restored' so that it can be auto hidden, by using the Auto Hide option from the 'Window Position' list or by toggling the Auto Hide pin:



The Add10 function editor will be minimized with a tab on the left edge of the editor's pane:

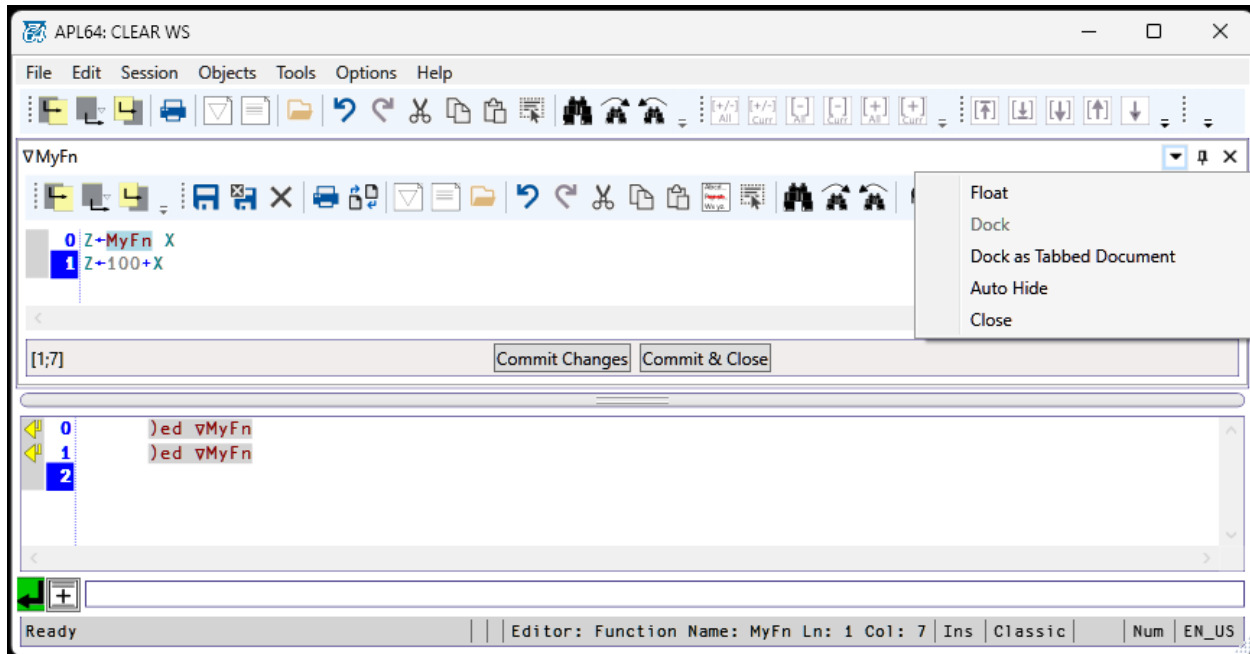


Using one of these options, the editor state changes to auto hidden:

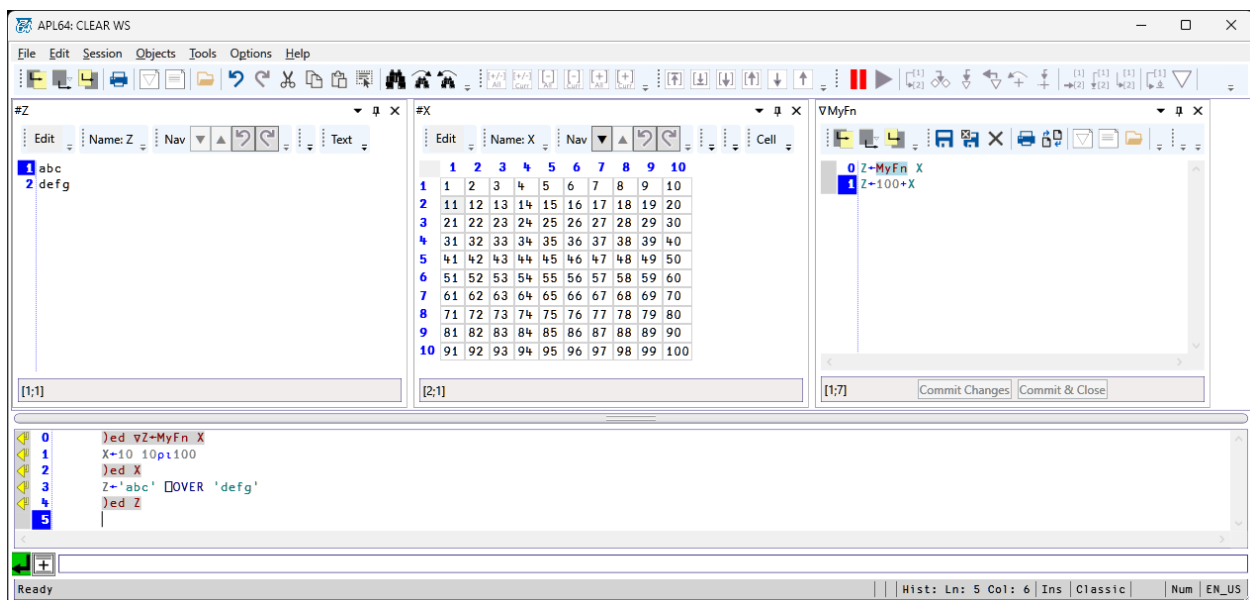


Auto Hiding Example

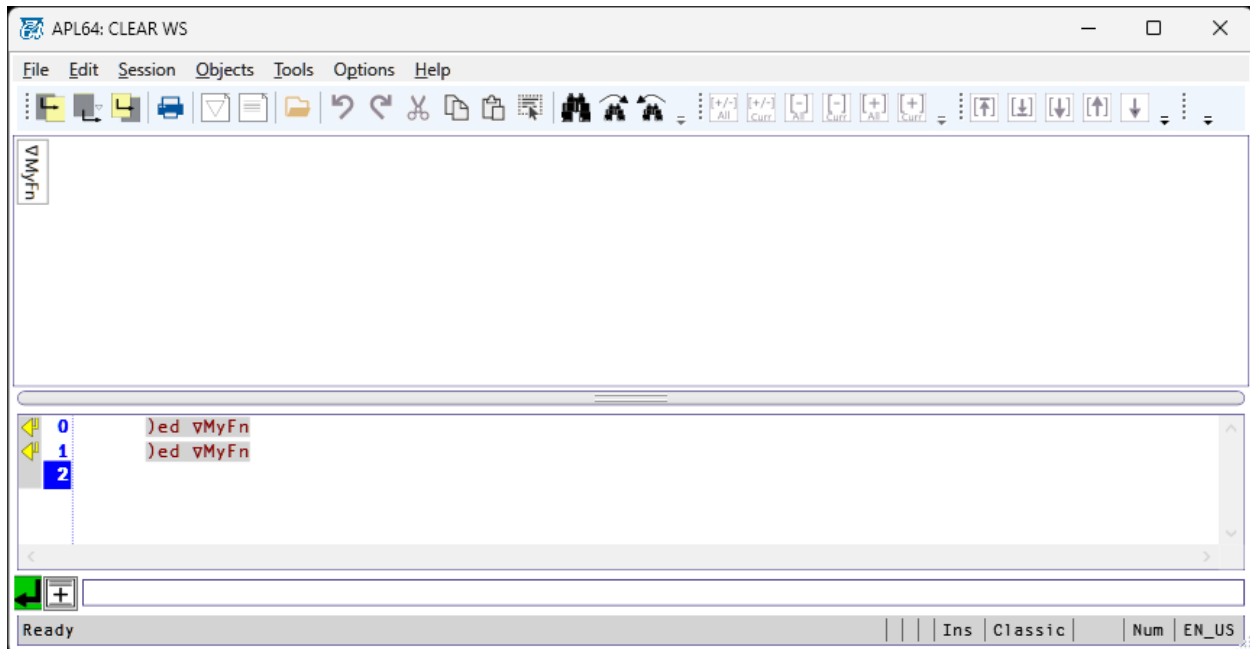
In this example, the developer-defined APL function MyFn has been opened in a function editor in the 'normal' (restored) mode. The 'Window Location' list provides the available presentation modes.



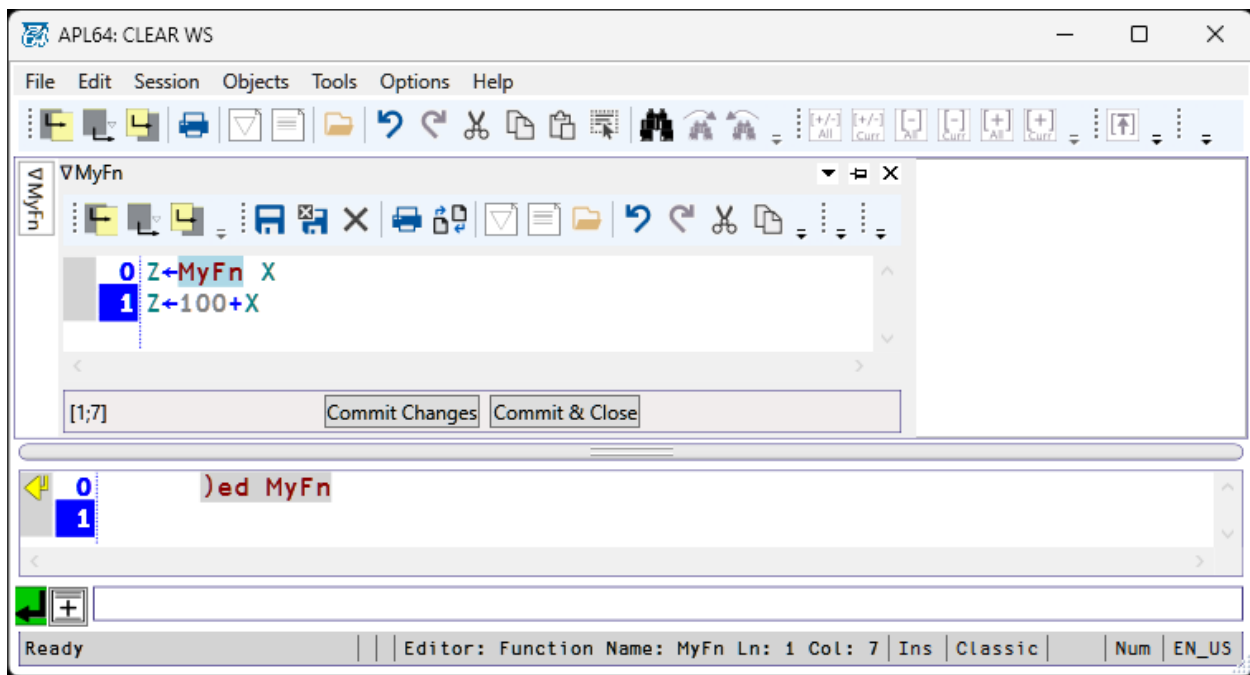
Opening multiple editors presents them all in normal (restored) mode tiled horizontally:



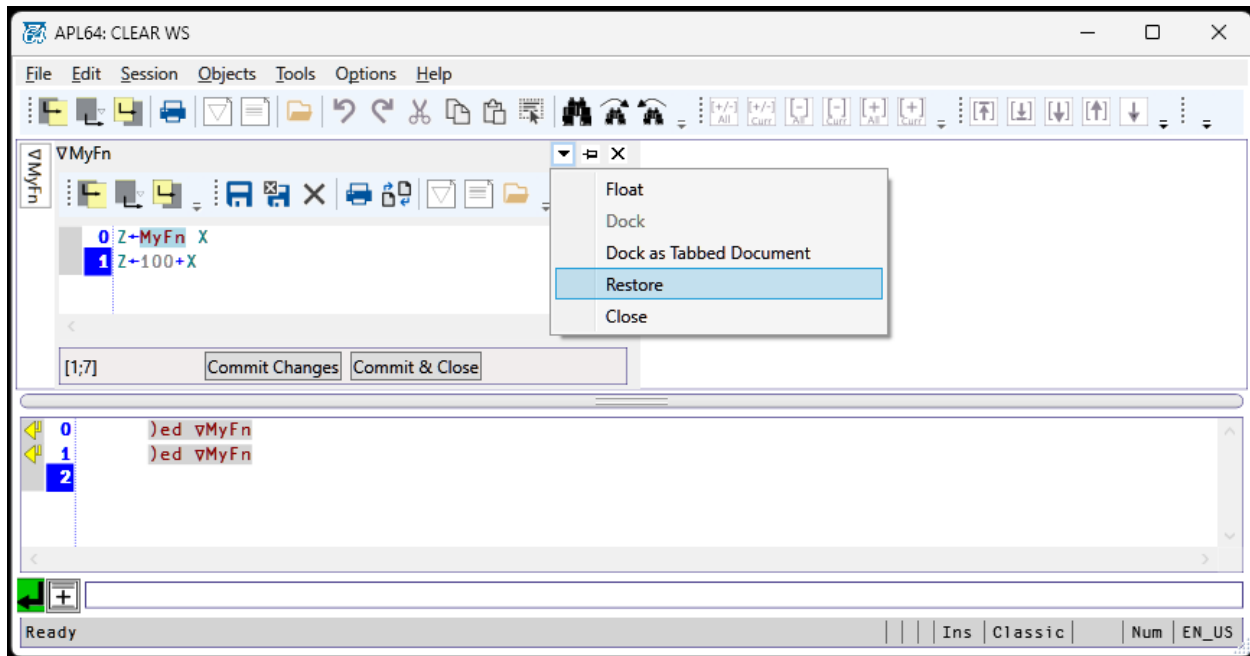
Selecting the Auto Hide option presents the editor in auto hide mode with a tab on the edge of the editor's pane:



Hovering over or clicking the editor tab will present the editor in 'fly out' mode. An editor in fly out mode is rendered over other editors, if any, in the editor's pane. Only one editor can be presented in fly out mode. Changing an editor to fly out mode will cause an editor previously in fly out mode to be changed to auto saved mode.



When an editor is fly out mode, selecting the restore option will change the editor to restored, floating or docked mode:

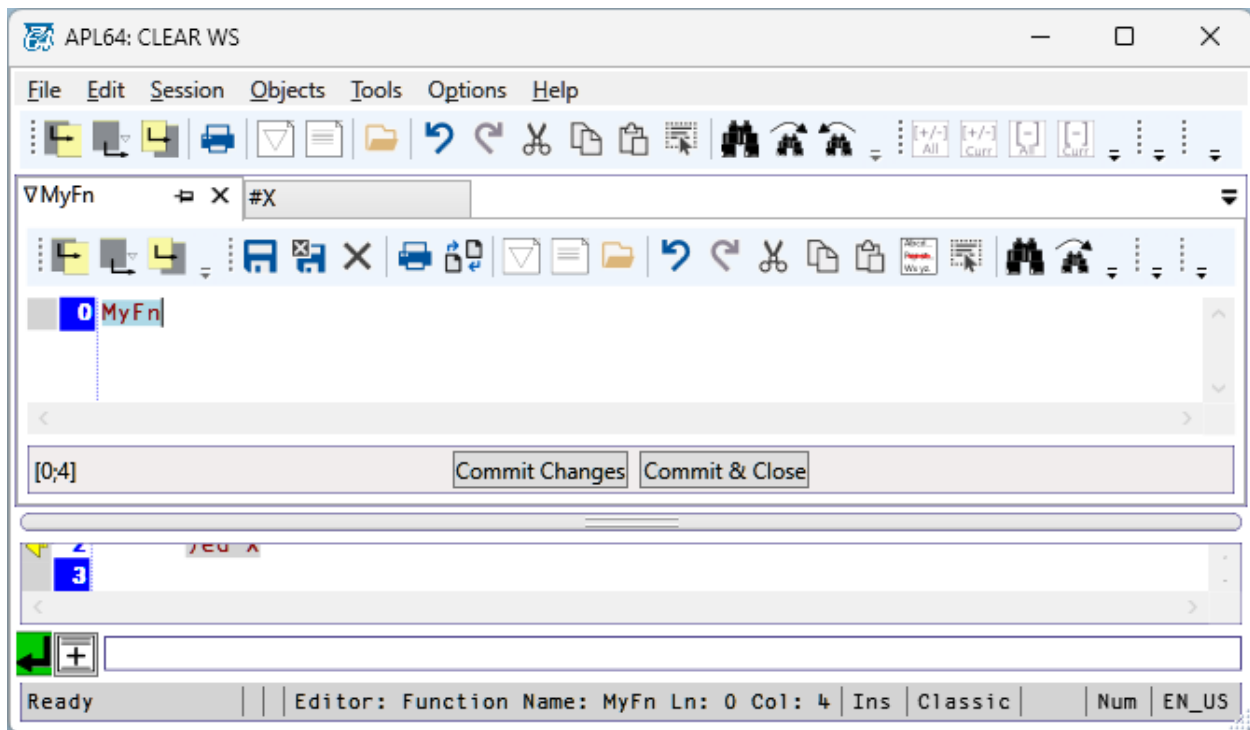


When an editor is in fly out or restored mode, selecting the Dock as Tabbed Document is selected the presentation of non-floating editors is changed to the Editors Cascaded layout format of the editor's pane.

Editors Cascaded

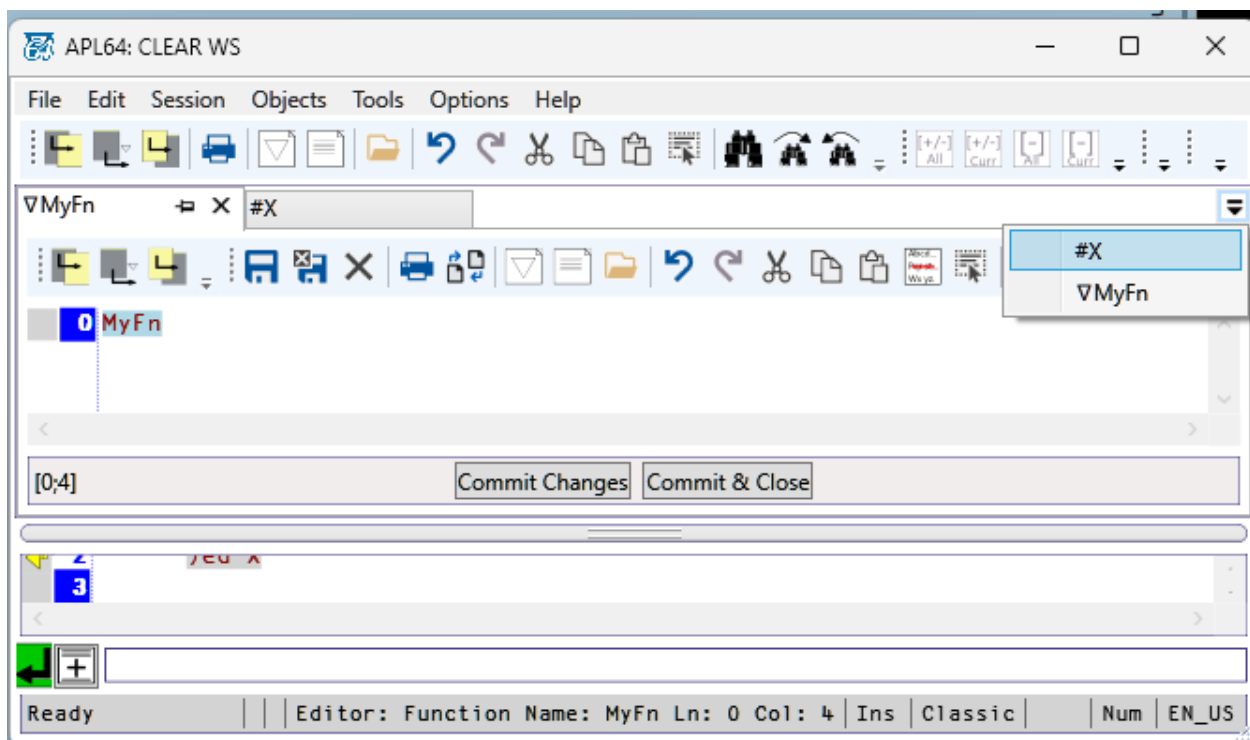
One Editor is Expanded in the Editor's Pane – Others Editors are Tabs

When the format of the editor's pane is cascaded, all editors which are not floating are contained within the editor's pane. One editor is expanded to the available width. The other editors, if any, in the editor's pane are represented by tabs. Clicking on the tab of an editor will expand that editor, and change a previously expanded editor to tab format.



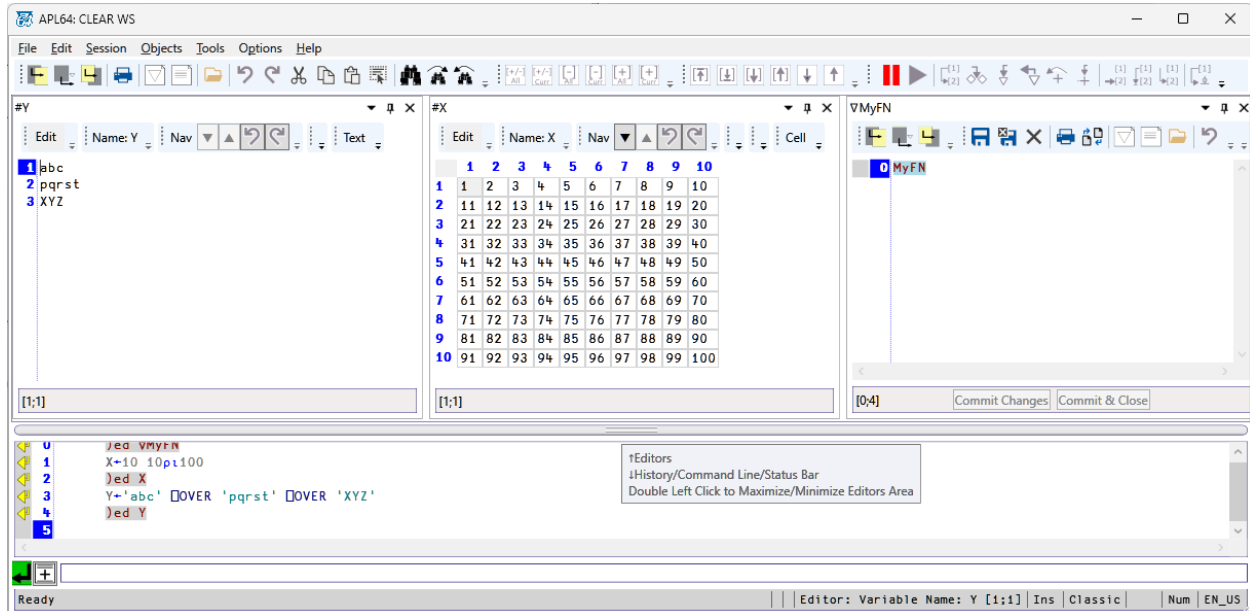
Select Editor to Expand Using the List

Which editor to expand may be selected from the list available on the upper right of the editor's pane:

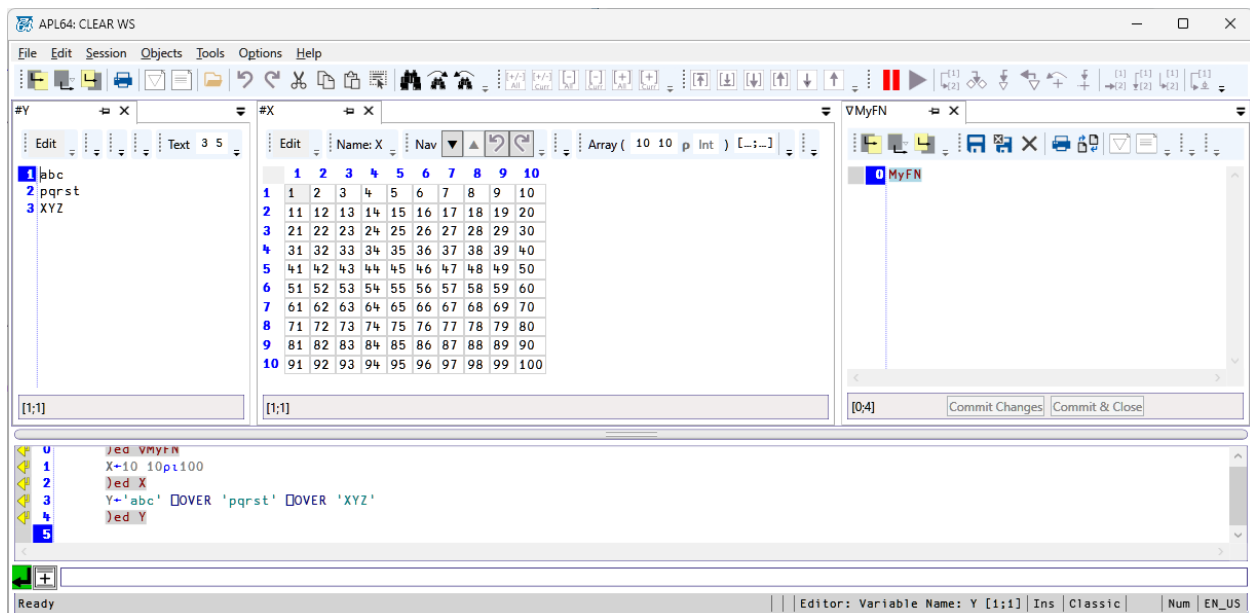


Editors Tiled Horizontally or Vertically

When the editor's pane format is tiled horizontally, all non-floating editors are expanded within the editor's pane and share equally in the available space in the editor's pane:

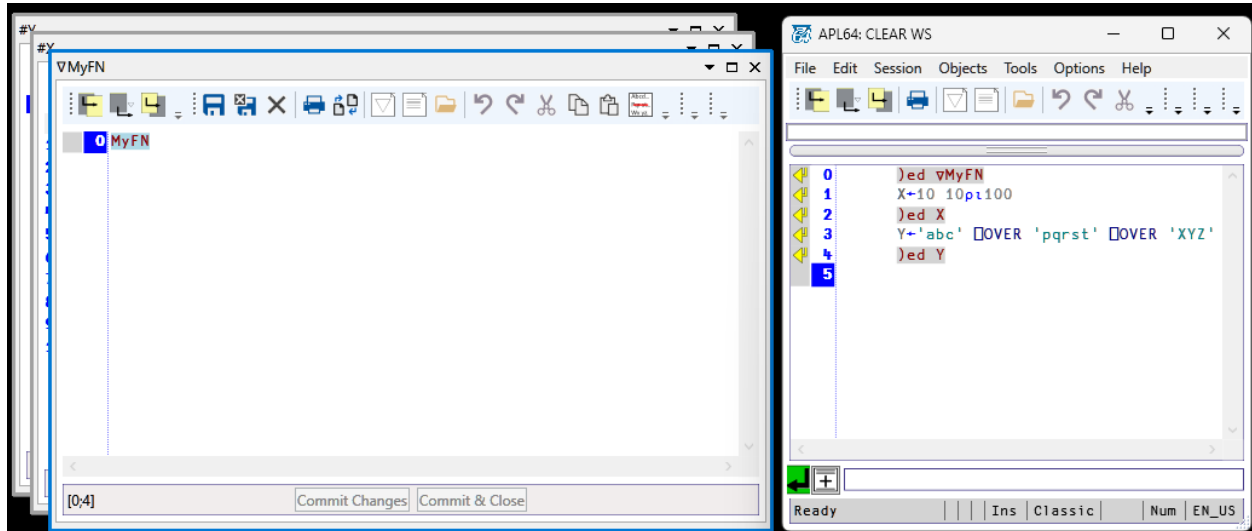


The width (height) of a horizontally (vertically) tiled editor by dragging it appropriate border. The dimensions of the other tiled editors will be automatically adjusted.

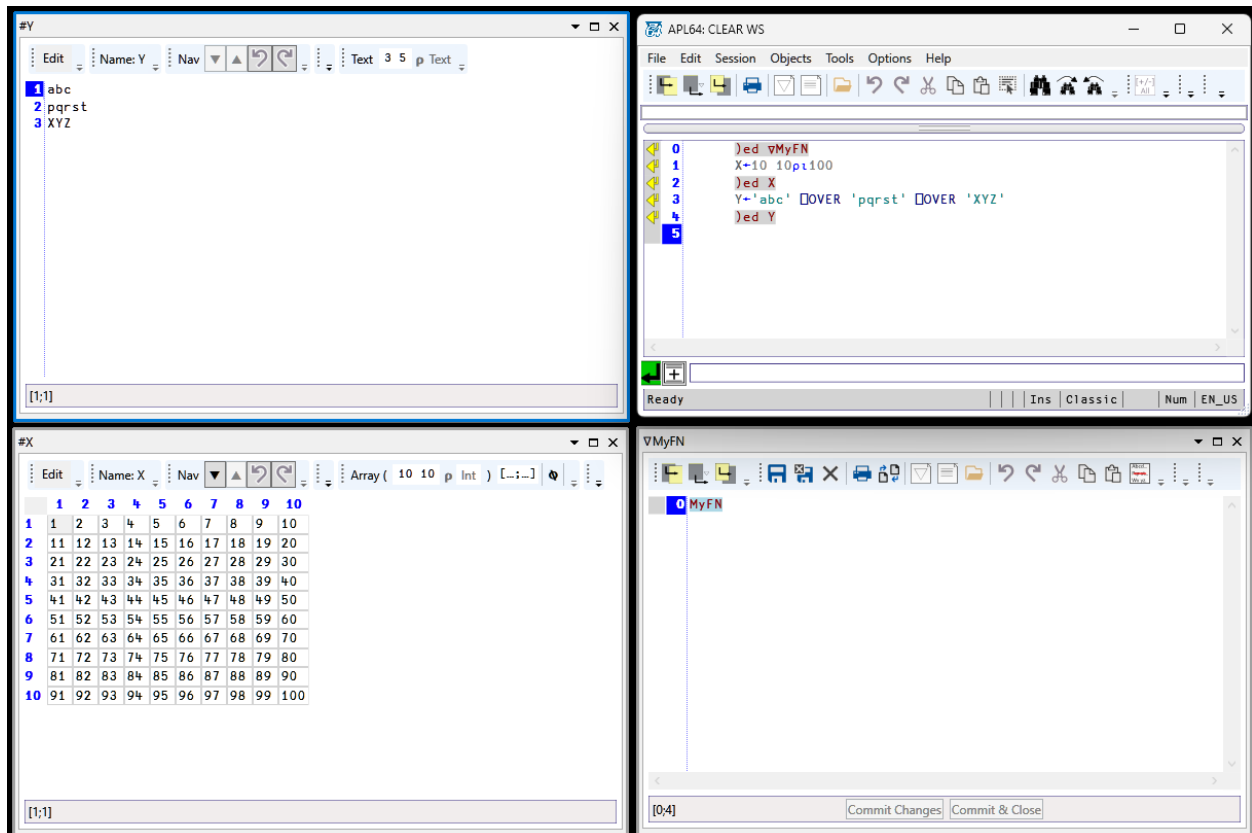


Editors Floated

Editors can always be floated, but if all editors should be floated, the 'Editors Floated' editor's pane format can be selected.

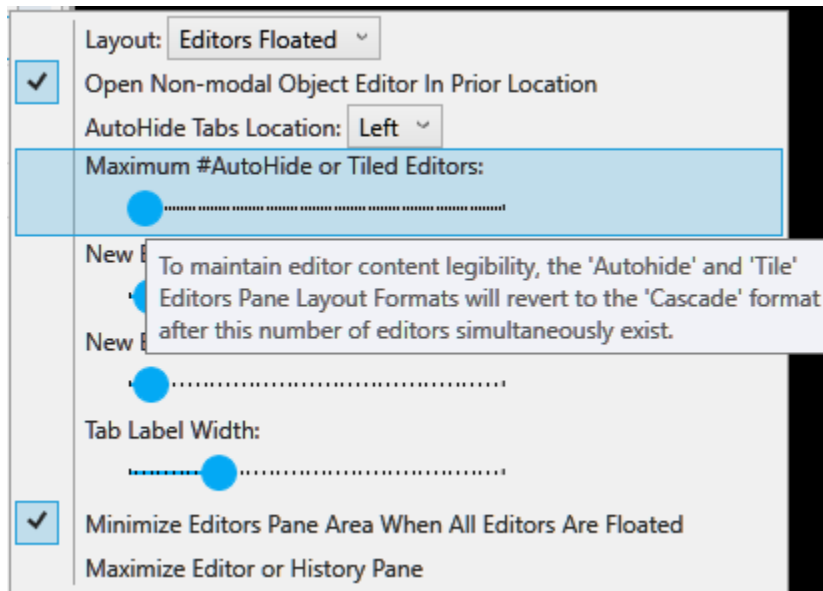


Floated editors may user-positioned on the available workstation display:



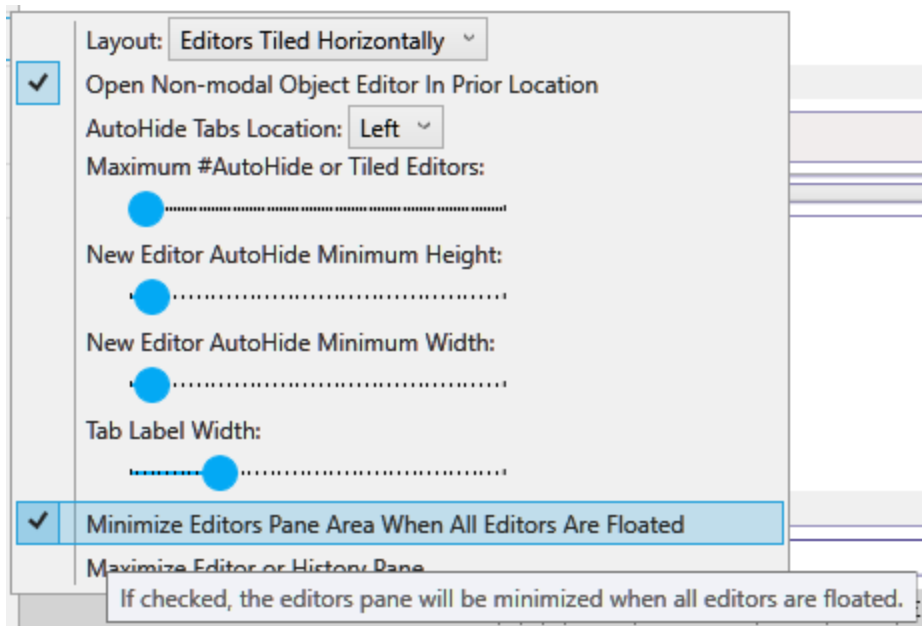
Threshold for Maximum Number of Hidden or Tiled Editors

Eventually the number of editors which can be presented in a hidden or tiled format will exceed the available space of the editor's pane in the APL64 Developer version window. When this scenario occurs, the editor's pane format is automatically changed to cascaded. Setting this threshold is done here:

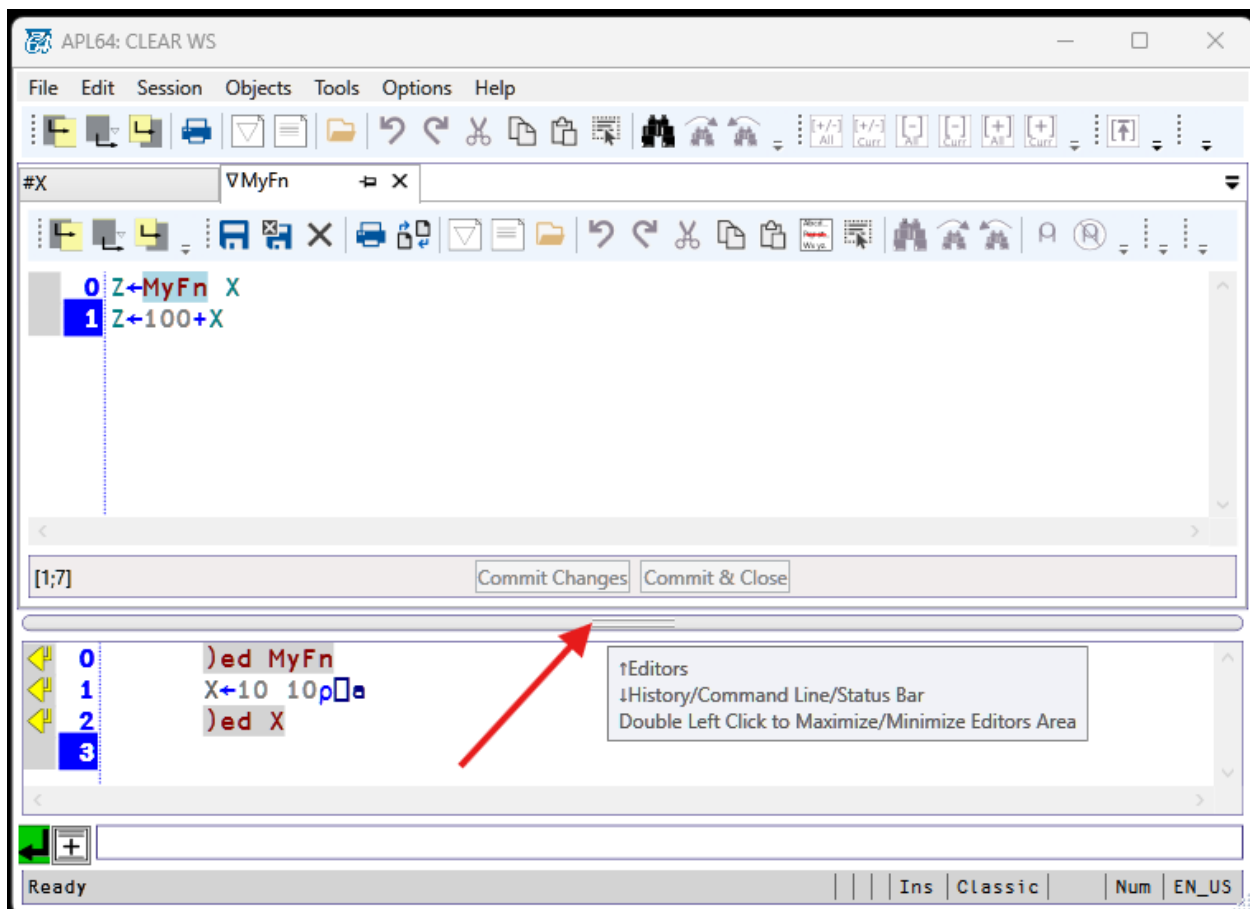


When all Editors are Floating

When all editors are floating, the height of the remaining empty editor's pane can be automatically minimized. When an editor is docked, the editor's pane re-sizes to accommodate the docked editor.

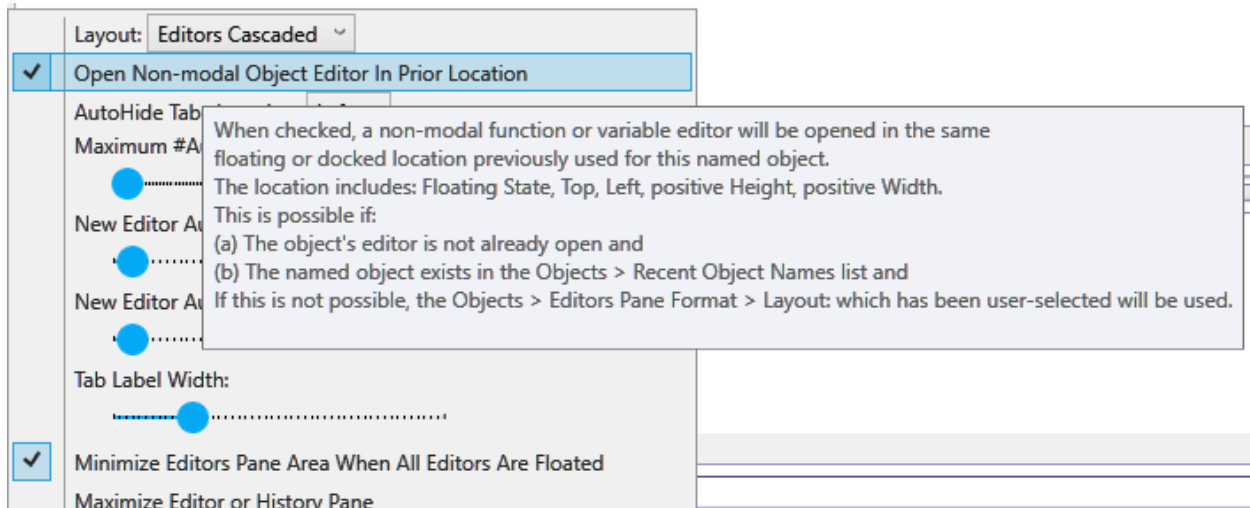


Double clicking on the editor's pane horizontal splitter bar will toggle the height of the editor's pane between minimized and use all available width states:



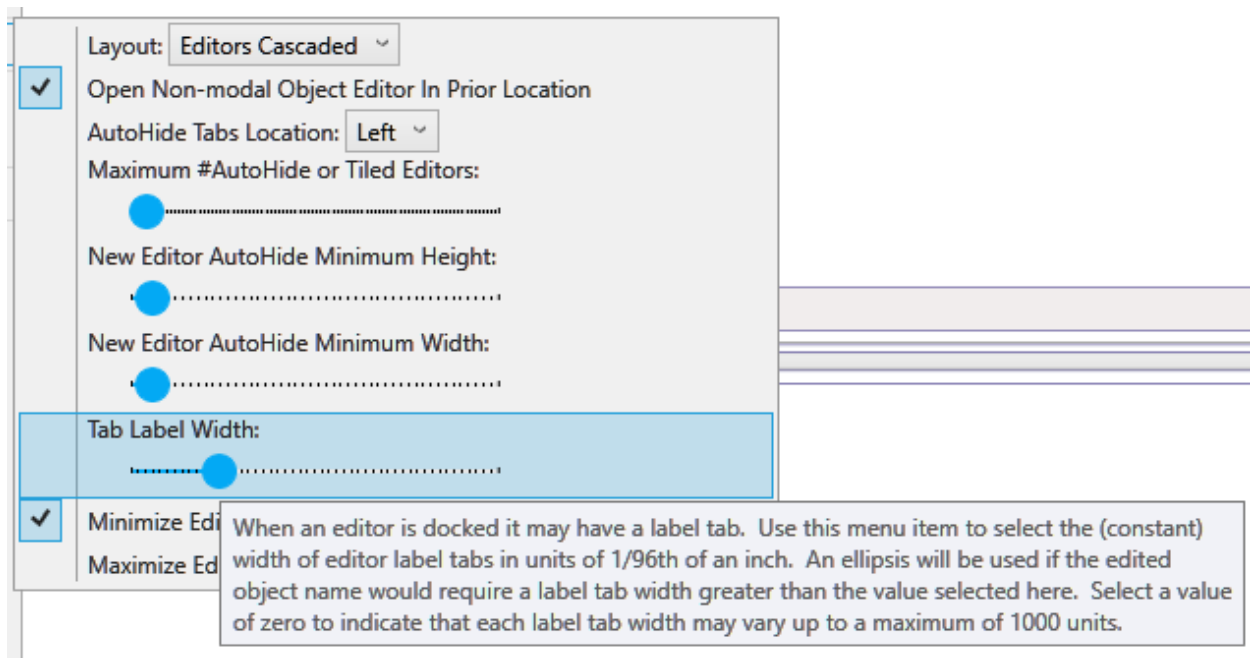
Restore Editors to their Prior Location and Size

An option is provided to record the position of editors by the name of their contents. When this object is selected for editing and this option is checked, the editor for the object will be opened at the previous position.



Editor Tab Width

Select the editor tab width here:



Maximize the Editor's Pane

This option may be selected here:

