

# Panel Tab Sets

## Panel Tabs

Panel Tab-like Letter Buttons are a set of simple buttons and commands assigned to multiple panels. The resulting panels are deliberately superimposed over one another, in the SAME area of the user interface.

## Preserving Precious UI Real Estate

Originally conceived for use with the Android version of TVPaint on the Galaxy Note 10.1, these Tabbed Panels might be helpful for Cintiq users as well.

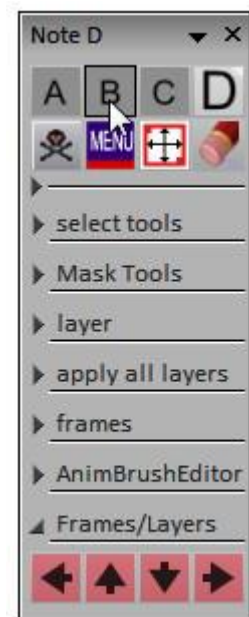
In the PanelTabs GIF you can see how four panels were designed as a set, each panel having its own FOUR control button/letters (Abcd aBcd abCd and abCd) with unique button commands assigned to each of the sixteen buttons.

This setup allows me to toggle from any one panel of buttons to any of the other three panels - functionally its like having TABS that jump to any of the four panels.

Visually, the large Button/letter indicates the currently displayed Panel. Clicking on any of the three remaining small letter buttons, switches to one of the other three panels.

## Making the Panels

To make the four panels and sixteen buttons I first created eight icons: Four large (A B C D) and four small (a b c d). Then I created four panels, each with four blank buttons across the top. In the first panel I assigned a LARGE A and a small B, C and D to the four buttons. In the second panel I assigned a LARGE B and small a, c and d ... and so on.



## Unique Panel Commands

Then I assigned two button commands to each button in all four of the "Note panels" as follows:

Panel Note A:

- Large A = no commands because the A panel is already selected
- Small b = Tool Bar Toggle: Note B, Tool Bar Toggle: Note A
- Small c = Tool Bar Toggle: Note C, Tool Bar Toggle: Note A
- Small d = Tool Bar Toggle: Note D, Tool Bar Toggle: Note A

Panel Note B:

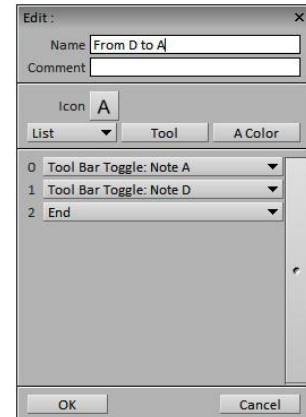
- Large B = no commands because the B panel is already selected
- Small a = Tool Bar Toggle: Note A, Tool Bar Toggle: Note B
- Small c = Tool Bar Toggle: Note C, Tool Bar Toggle: Note B
- Small d = Tool Bar Toggle: Note D, Tool Bar Toggle: Note B

Panel Note C:

- Large C = no commands because the C panel is already selected
- Small a = Tool Bar Toggle: Note A, Tool Bar Toggle: Note C
- Small b = Tool Bar Toggle: Note B, Tool Bar Toggle: Note C
- Small d = Tool Bar Toggle: Note D, Tool Bar Toggle: Note C

Panel Note D:

- Large D = no commands because the D panel is already selected
- Small a = Tool Bar Toggle: Note A, Tool Bar Toggle: Note D
- Small b = Tool Bar Toggle: Note B, Tool Bar Toggle: Note D
- Small c = Tool Bar Toggle: Note C, Tool Bar Toggle: Note D



These commands are assigned to each button by going into edit mode, then at the bottom of the command list, selecting **Tool Bar** which brings up the list of all the custom panels - click on the **Toggle option** for the panel you want to toggle off or toggle on.

IMPORTANT: note that you want two commands for each button: first **toggle ON the NEW panel**, then second, **toggle OFF the CURRENT panel**. This avoids a momentary transitional glitch.

Its easiest to do all of this assigning of commands to the buttons while the panels are all open, side by side before grouping them for testing.

## Tab Panels In Use

Finally, you stack up the four panels, somewhere in your user interface, precisely registered one on top of the other. For **three of the four** panels, click the X which will hide them.

(I've tried stacking them all in the SAME POSTION, placed in one of the side bins: place the first one then hide it, place the second one, then hide it, the third one then hide it and finally the fourth one (up to as many as SIX superimposed panels can be used) - which hold lots and lots of buttons.

Don't hide the last one placed. Instead, just press one of the other tab letters and that lettered panel will appear in place of the current panel.

Each click on a different tab will toggle the appropriate new panel ON and toggle OFF the current one (as demonstrated in the GIF).

Populate the individual panels with the most useful arrangements of buttons sets... it may take some time to get useful button groupings and you can add new buttons to each panel as you go along. Experiment with placement and grouping. Add separators as needed.

If you accidentally hide ALL panels you can make any one of them visible again by re-checking the panel name in the Custom Panel list which will make it reappear in it's previous last location.

The attached ZIP file contains a .tvp file of the icons (large and small) for buttons A, B, C, D, E and F.

