

Installation

Install the AltCDEF INIT/CDEV by copying the *AltCDEF* file into the *System Folder* in System 6.X versions, or into the *System Folder's* Control Panels in System 7.X versions.

Notes

- This is my version of the scroll bar's Control Definition (CDEF). This CDEF has special "shift" and "option" key combinations during mouse-clicking within the "page up" and "page down" regions of the scroll bars. The following table shows all the combinations :

<u>Page Region</u>	<u>Mouse-click & key combination</u>	<u>Action</u>
Page Up	Mouse-click	page up
Page Up	Mouse-click + "option" key	page down
Page Up	Mouse-click + "shift" key	scroll up
Page Up	Mouse-click + "shift" + "option" key	scroll down
Page Down	Mouse-click	page down
Page Down	Mouse-click + "option" key	page up
Page Down	Mouse-click + "shift" key	scroll down
Page Down	Mouse-click + "shift" + "option" key	scroll up

If the 'Show "Ghost" thumb' radio button is enabled in the CDEV then holding the "option" key will display the last position of the "thumb" after moving the "thumb" to a new position. If the 'Auto "Ghost" thumb' radio button is enabled the the last position of the "thumb" is automatically saved without holding the "option" key.

- You may get the standard Apple's scroll bars by holding the "option" key down while opening the window.
- You may disable the Alternate CDEF installation by holding either the "shift" key down or "mouse-button" down during boot-up sequence.
- Warning: This version works OK on my Mac II using System 6.0.3 to 7.0, and I believe this INIT/CDEV is safe, but I am not responsible for any problems that may occur with this INIT/CDEV.
- NOTE: Excel 2.2 does not use the standard Apple's CDEF. The application has its own CDEF. Although CDEF looks exactly like Apple's CDEF this effectively bypasses my AltCDEF and any other installed CDEF. This means that AltCDEF won't work with Excel 2.2, and it does not mean there is something wrong with AltCDEF either.

Also, MacWrite does not use the standard Apple's CDEF. Again, AltCDEF will not work with this application.

- Notice: AltCDEF v1.3 is a FREeware, but is Copyright © 1989, 1990, 1991 by Alexander S. Colwell. AltCDEF v1.3 can be distributed freely through BBSs, users' groups, communications networks, and the like providing there is no charge except for normal duplication/usage fees. Please keep the AltCDEF INIT/CDEV and AAAReadMe document files bundled together in these distributions. Commercial distribution of AltCDEF v1.3 is strictly prohibited without special licensing from the author.
- AltCDEF v1.3 was developed by using THINK C™ v4.0 and MPW™ v3.1.

Versions

- 1.0 : Release version.

Alternate CDEF INIT/CDEV

- 1.1 : Added logic to automatically suppress the Alternate's CDEF usage in the CDEV's "Exclude Applications" dialog box. The "Exclude Applications..." button will display a modified standard's Get File dialog to select any applications the user does not want the Alternate's CDEF to be used and default to the original Apple's CDEF. This will allow the user better control over different applications.

Added logic to handle multiple monitors. NOTE: I have not tested this implementation since I do not have multiple monitors, but I am trying to follow Apple's guidelines relating to this subject.

Added "ghost" thumb logic to display the last "thumb"'s position in ghostly way. The CDEV's has two radio buttons controlling the "ghost" thumb display: 'Show "Ghost" thumb' and 'Auto "Ghost" thumb'. If the 'Show "Ghost" thumb' is turn-off then the "ghost" thumb will be completely disabled. Otherwise, the last position of the "ghost" thumb is enabled if the user holds the "option" key down. If the 'Auto "Ghost" thumb' is turn-on then the last position of the "ghost" thumb is automatically saved without using the "option" key.

Fixed control's color displayed. The "sysEnv" variable was defined globally and locally within the code. Hence, the local variable overrides the global variable containing the actual information if there is a color monitor present. While the local variable contain garbage. Therefore, the control failed to use color specifications by "Kolor" CDEV.

Fixed the "Color Picker" dialog bug. The scroll bar's thumb would not display properly. The minimum and maximum values were -32768 and 32767. These ranges would cause 16-bit signed integer overflow when adding with the current value to compute the relative offset of the "thumb" position within the scroll bar.

- 1.1.1 : Fixed "Exclude Applications..." bug on the Mac Plus and SE's. The problem was the CDEV tries to figure-out which multiple monitors to display the "Standard Get File" dialog. However, I improperly determined if the multiple monitor ROM routines exist. Hence, ALA BOMBA. No ROM routines in the Mac Plus and SE's. My trusty Mac II has the ROM routines, so I never caught this one!
- 1.1.2 : Removed the ⌘-click on the "thumb" part to display the "AboutThis" dialog. This is not needed since CDEV has "AboutThis" dialog display.

Added "Show ICON at startup" check-box in the CDEV to allow user to selectively display or inhibit the ICON during boot-up sequence.

- 1.2 : Fixed the hiliting problem in the "CompuServe Navigator". Sometimes the "thumb" and up/down scroll regions would not be properly hilited during "Review" mode.

Added new radio button cluster to control the scrolling speed for very fast Macintosh computers, such as Mac IIci computers.

Modified the 'cdev' to be always displayed in the "Control Panel". Originally, the 'cdev' would not be displayed if the 'INIT' code was not installed. However, on some user's Macintosh computers the 'INIT' would be installed but the 'cdev' would not appear for some mysterious reason. If the 'cdev' thinks the "INIT" has not been installed then the "AltCDEF v1.2" title in the 'cdev' would be dimmed and it will display a dialog explaining the changes will not occur till next reboot time after closing the "Control Panel" or switching to other 'cdev's.

- 1.3 : Fix the scroll bar highlighting problems between active and inactive windows for System 7.0.

Converting CDEF Outside of USA

Several resources containing strings needs to be translated from USA to the desired national location, such Japan, Greece, etc. Use "ResEdit" application to make the necessary changes in the following resources:

Alternate CDEF INIT/CDEV

<u>Res Type</u>	<u>ID</u>	<u>Name</u>
'STR#'	-4064	"AboutThis"
'STR#'	-4066	"Other CDEV static text"
'DITL'	-4064	
'vers'	1	
'vers'	2	
'altc'	0	

Future Plans

- Modify the scroll bar to follow the new Apple's System 7.0 color scheme.

Author

Alexander S. Colwell

Work Phone # : 213 - 607 - 3550 (7:00 am - 3:30 pm Pacific Standard Time)

CompuServe : 73227,1267

If you have any questions concerning the INIT/CDEV, please contact me. Thanks and enjoy.