

## Addendum for Mince Version 2.6

There have been no functional changes from Version 2.5. However, portions of Mince have been coded in assembly language to improve performance. These changes are nearly transparent to anyone writing and compiling Mince code, but the link phase is different. The new link line is:

```
12 mince bindings comm1 comm2 comm3 vbuff1
    vbuff3 vbuff2 -l support aterm term util
```

If you don't alter the terminal abstraction at all, the preceding link line is the one to use. A fraction of the terminal abstraction is written in assembler. Thus, if you do alter the terminal abstraction and find yourself dealing with those portions, you have two choices.

1. You can write the changes in assembler. In this case, edit ATERM.ASM, use MAC to assemble it, and use the above link line.
2. You can write the changes in C. In this case, edit TERM.C, use the BDS C compiler to compile the changes, and use the following link line:

```
12 mince bindings comm1 comm2 comm3 vbuff1
    vbuff3 vbuff2 -l support cterm term util
```

Refer to the source to ATERM.ASM and TERM.C for more detailed commentary.

## Mince 2.5 Command Summary

Command letters prefixed by a "C-" are control characters. They are typed by holding down the control key and typing the letter. Command letters prefixed by a "M-" are meta-commands. They are typed by first typing the ESCAPE key, followed by the letter. Command letters labelled "M-C-" are thus typed by typing an ESCAPE, then the control character. Commands enclosed in "<>" are special keys on most ASCII keyboards. For example, <LF> is the linefeed key, <ESC> the Escape key.

<LF> see C-J	C-X <TAB> Set Tab Spacing	M-H Mark Whole Paragraph
<CR> Newline Insert	C-X C-B List Buffers	M-K Kill Sentence Forward
<TAB> Tab Insert	C-X C-C Exit to Command Level	M-L Lowercase Word
<DEL> Delete Character Backward	C-X C-F Find File	M-Q Fill Paragraph
<ESC> Meta-command Prefix	C-X C-I (same as C-X <TAB>)	M-R Replace String
C-@ Set Mark	C-X C-M Delete Mode	M-S Center Line
C-A Beginning of Line	C-X C-R Read File	M-T Transpose Words
C-B Backward Character	C-X C-S Save File	M-U Uppercase Word
C-D Delete Character Forward	C-X C-V View Next Screen Other Window	M-V View Previous Screen
C-E End of Line	C-X C-W Write File	M-W Copy Region
C-F Forward Character	C-X C-X Exchange Point and Mark	M-[ Backward Paragraph
C-G Abort/Cancel Prefix	C-X C-Z View Previous Screen Other Window	M-\ Delete Surrounding Whitespace
C-H see <DEL>	C-X . Set Indent Column	M-] Forward Paragraph
C-I see <TAB>	C-X 1 One Window	M-C-H see M-<DEL>
C-J Newline and Indent	C-X 2 Two Windows	M-C-K Kill Entire Line
C-K Kill Line	C-X = Where Am I	M-C-R Query Replace String
C-L Redisplay Screen	C-X B Select Buffer	M-C-W Append to Kill Buffer
C-M see <CR>	C-X F Set Fill Column	Fill Mode Commands:
C-N Next Line	C-X K Kill Buffer	space Auto Fill Space
C-O Open Line	C-X M Add Mode	Page Mode Commands:
C-P Previous Line	C-X O Other Window	C-A To First Non-White
C-Q Quote Next Character	C-X ^ Grow Window	C-B Backward Character on Line
C-R Reverse String Search	M-<SPACE> see C-@	C-E To Last Non-White
C-S Forward String Search	M-<DEL> Delete Word Backward	C-F Forward Character on Line
C-T Transpose Characters	M-< Beginning of Buffer	C-H Overwrite Character Backward
C-U Universal Argument	M-> End of Buffer	C-N Next Line Forced
C-V View Next Screen	M-A Backward Sentence	C-P Previous Line Forced
C-W Wipe Region	M-B Backward Word	C-Q Quote Next
C-X C-X Command Prefix	M-C Capitalize Word	C-X \ Delete Trailing Whitespace
C-Y Yank Killed Text	M-D Delete Word Forward	
C-[ see <ESC>	M-E Forward Sentence	
C-\ Delete Indentation	M-F Forward Word	

## Mince Commands

All printing characters: a-z, A-Z, 0-9, space, and  
!"#\$%&'()\*+,-./:;<=>?@[ ]^\_{|}~ Self-insert

<LF> see C-J  
<CR> Newline Insert  
<TAB> Tab Insert  
<DEL> Delete Character Backward  
<ESC> Meta-command Prefix

C-@ Set Mark  
C-A Beginning of Line  
C-B Backward Character  
C-D Delete Character Forward  
C-E End of Line  
C-F Forward Character  
C-G Abort/Cancel Prefix  
C-H see <DEL>  
C-I see <TAB>  
C-J Newline and Indent  
C-K Kill Line  
C-L Redisplay Screen  
C-M see <CR>  
C-N Next Line  
C-O Open Line  
C-P Previous Line  
C-Q Quote Next Character  
C-R Reverse String Search  
C-S Forward String Search  
C-T Transpose Characters  
C-U Universal Argument  
C-V View Next Screen  
C-W Wipe Region  
C-X C-X Command Prefix  
C-Y Yank Killed Text  
C-[ see <ESC>  
C-\ Delete Indentation  
  
C-X <TAB> Set Tab Spacing  
C-X C-B List Buffers  
C-X C-C Exit to Command Level  
C-X C-F Find File  
C-X C-I (same as C-X <TAB>)  
C-X C-M Delete Mode

C-X C-R Read File  
C-X C-S Save File  
C-X C-V View Next Screen Other Window  
C-X C-W Write File  
C-X C-X Exchange Point and Mark  
C-X C-Z View Previous Screen Other Window  
C-X . Set Indent Column  
C-X = Where Am I  
C-X 1 One Window  
C-X 2 Two Windows  
C-X B Select Buffer  
C-X F Set Fill Column  
C-X K Kill Buffer  
C-X M Add Mode  
C-X O Other Window  
C-X ^ Grow Window

M-<DEL> Delete Word Backward  
M-<SPACE> see C-@  
M-< Beginning of Buffer  
M-> End of Buffer  
M-A Backward Sentence  
M-B Backward Word  
M-C Capitalize Word  
M-D Delete Word Forward  
M-E Forward Sentence  
M-F Forward Word  
M-H Mark Whole Paragraph  
M-K Kill Sentence Forward  
M-L Lowercase Word  
M-Q Fill Paragraph  
M-R Replace String  
M-S Center Line  
M-T Transpose Words  
M-U Uppercase Word  
M-V View Previous Screen  
M-W Copy Region  
M-[ Backward Paragraph  
M-\ Delete Surrounding Whitespace  
M-] Forward Paragraph

M-C-H see M-<DEL>  
M-C-K Kill Entire Line  
M-C-R Query Replace String  
M-C-W Append to Kill Buffer

#### **Fill Mode Commands**

space Auto Fill Space

#### **Page Mode Commands**

All printing characters: a-z, A-Z, 0-9, space, and

## Command Cross-Reference Index

See also the more complete cross reference at the end of Chapter Four.

Add Mode	C-X M
Numeric Arguments	C-U
Backward, Beginning	C-A, C-B, C-P, M-A, M-B, M-V, M-[ , M-< , C-X C-Z
Buffer	M-< , M-> , C-X C-B, C-X B, C-X K
Capitalize Word	M-C
Center	C-L, M-S
Change	see Buffer, Delete, Insert, Replace, Windows
Character	<DEL>, C-B, C-D, C-F
Copy Region	M-W
	see also Wipe, Yank
Delete	<DEL>, C-D, C-K, C-W, M-<DEL>, M-C-K, M-D, M-K, M-\ , C-X C-M, C-X K
	see also Yank
Exit	C-X C-C
Files	C-X C-F, C-X C-R, C-X C-S, C-X C-W
Fill Paragraph	M-Q
Find	see Search, File
Forward	C-E, C-F, C-N, C-V, M-> , M-E, M-F, C-X C-V
Go To	see Buffer, Move, Other Window

Indent	C-J see Center Line, Margins, Tabs
Insert	see beginning of Commands List, Quote
Kill	see Delete
Line	C-A, C-E, C-K, C-N, C-P, M-C-K, M-S, M-\
Lowercase Word	M-L
Margins	C-X ., C-X F
Mark	C-@, M-<SPACE>, M-H, C-X C-X
Modes	C-X C-M, C-X M
Move	see Backward, Copy, Forward, Kill, Yank
Next	see Forward
Other Window, Go to	C-X O
Page	see Screen
Paragraph	M-H, M-Q, M-[ , M-]
Previous	see Backward
Query	see Replace
Quit	C-X C-C
Quote	C-Q
Read File	C-X C-R
Redisplay	see Screen
Repeat	see Argument
Replace	M-C-R, M-R

Reverse	
	see Search, Transpose
Save File	C-X C-S
Screen	C-L, C-V, M-V, C-X C-V, C-X C-Z
Search	C-R, C-S
Sentence	M-A, M-E, M-K
Tabs	<TAB>, C-I, C-X <TAB>
Transpose	C-T, M-T
Undelete	
	see Yank
Uppercase Word	M-U
Windows	C-X C-V, C-X C-Z, C-X ^, C-X 1, C-X 2, C-X 0
Wipe	
	see Delete
Word	M-<DEL>, M-B, M-C, M-D, M-F, M-L, M-U
Write File	C-X C-W
Yank	C-Y