

# TECO-64 – Unimplemented Features

## Overview

This document describes common features of earlier TECOs that have not been included in this version of TECO-64 for one of the following reasons:

- Implementation has been deferred to a future release.
- Implementation requires definition of how features should work in the supported operating environments.
- Implementation makes no sense for obsolete or irrelevant features.

## File Specification Switches

General command-line options for TECO are described in other documentation, but no options for special file modes or file formats have been implemented to specify such things as output file cluster sizes, non-standard open modes, BASIC-PLUS-2 line continuation, or FORTRAN carriage control.

### **^T    Read ASCII character**

<code>:^T</code>	Reads and decodes the next keystroke typed at the terminal. Note that only the colon-modified ^T command is unimplemented. The colon-modified command is used to detect ESCape sequences.
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### **ED    Edit Level Flag**

<code>ED&amp;4</code>	Expand memory as much as possible.
<code>ED&amp;32</code>	Enable immediate-mode ESCape-sequence commands.
<code>ED&amp;128</code>	Automatic refresh inhibit.

### **EG    Exit and Go Command**

<code>:EGINI`</code>	Can be used to read the <code>TECO_INIT</code> environment variable, but not to set or clear it.
<code>:EGLIB`</code>	Can be used to read the <code>TECO_LIBRARY</code> environment variable, but not to set or clear it.
<code>:EGMEM`</code>	Can be used to read the <code>TECO_MEMORY</code> environment variable, but not to set or clear it.
<code>:EGVTE`</code>	Can be used to read the <code>TECO_VTEDIT</code> environment variable, but not to set or clear it.

## **EJ Environment Characteristics**

- 1EJ Always returns 0.
- 2EJ Always returns 0.

## **ET Terminal Mode Flag**

- ET&16 Cancel CTRL/O on type out.
- ET&64 Detach flag.
- ET&256 Truncate output lines to terminal width.
- ET&512 The scope "WATCH" feature of TECO is present (always set).
- ET&1024 The refresh scope "WATCH" feature of TECO is present (always clear).
- ET&4096 Terminal is capable of handling eight-bit character codes. Can be set or reset by user, and is used by TECO, but operating system is not informed.
- ET&16384 Special VT220 mode.

## **EY Yank Commands (w/o yank protection)**

- EY Clears the text buffer and then reads the previous page of the file being edited back into the buffer. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.
- :EY Same as the -EY command but a value is returned. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.

## **N Search Commands (non-stop)**

- Ntext` Performs the same function as the -S command except that the search is continued (backwards) across page boundaries, if necessary, until the character string is found or the beginning of the file being edited is reached. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.
- nNtext` This command searches (backwards) for the nth occurrence of the specified character string. It is identical to the -N command in other respects. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.

## **P Page Commands**

- nP Page backwards. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.

-n:P                      Same as the -nP command, but a value is returned. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.

## **W      Video Terminal Watch Commands**

These commands facilitated screen updates that are now handled by the *ncurses* library. Other than -1W and W, for enabling and disabling window mode, respectively, and 7:W, for setting the size of a scrolling region, they appear to be largely unnecessary. 1:W and 2:W are supported for terminal width and height, respectively, but should be unnecessary since TECO determines the terminal size automatically at start-up and whenever the window is resized.

-1W                      Refresh the terminal's screen to show the contents of the text buffer.

-nW                      Ignored.

nW                      Ignored.

0W                      Ignored.

W                      Forget screen image and special scope modes.

-1000W                  Ignored.

0:W                      Can be read or set, but is otherwise ignored.

:W                      Equivalent to 0:W.

1:W                      Read or set the horizontal size of the user's editing window.

2:W                      Read or set the vertical size of the user's editing window.

3:W                      Read or set SEEALL mode. This is currently not used, but may be added in a future release.

4:W                      Can be read or set, but is otherwise ignored.

5:W                      Can be read or set, but is otherwise ignored.

6:W                      Can be read or set, but is otherwise ignored.

7:W                      Read or set the number of lines in the scrolling (command dialogue) portion of the screen.

8:W                      Can be read or set, but is otherwise ignored.

9:W                      Can be read or set, but is otherwise ignored.

## **Y      Yank Commands (w/ yank protection)**

-Y                      Clears the text buffer and then reads the previous page of the file being edited back into the buffer. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.

-:Y                      Same as the -Y command but a value is returned. This is a TECO-32 feature, and will be implemented in a future release of TECO-64.