

Format: XCCS

```
(RPAQQ LAFITE-TEDITCOMS (,; Lafite's more explicit dependencies on "internals" of TEDIT
    (FNS LA.ADJUST.FORMATting LA.DETACH.TEDIT TEDIT.ASSURE.NO.BACKING.FILE
      LA.WINDOW.FROM.TEXTSTREAM)
    (DECLARE%: EVAL@COMPILE DONTCOPY (FILES (SOURCE)
      LAFITE-DECLS)
      (GLOBALVARS *TEDIT-FILE-READTABLE*)
      (LOCALVARS . T))))
```

(DEFINEO

[LAMBDA (FORMATSTREAM OUTSTREAM BYTE-LENGTHS)

; Edited 18-Jan-2024 10:33 by rmk
; Edited 13-Jan-2024 21:53 by rmk
: Edited 3-Jun-88 18:24 by bvm

```
;; Adjusts the formatting info FORMATSTREAM to account for the prepending of one or more "paragraphs" of default looking text, whose lengths
;; are given by BYTE-LENGTHS (or a single number if just one piece). It then writes the resulting formatting to OUTSTREAM.
```

```

;; The original code assumed that there were pieces at the beginning of the file that represented the pageframes and charlooks and paraloos
;; vectors, and that that the information for new pieces had to come just after the last of those. That required parsing the initial pieces, with too
;; much knowledge of Tedit internals. The reading function TEDIT.GET.PIECES3 has been revised to relax that ordering constraint, so it is now
;; possible just to slap the new information on the front and place an updated trailer at the end.

```

```
(PROG ((TRAILER (\TEDIT.GET.TRAILER FORMATSTREAM))
      PIECESTART PCCOUNT TRAILERSIZE)
      (CL:UNLESS (EQ 3 (pop TRAILER))
                  (RETURN NIL))
      (SETQ PIECESTART (pop TRAILER))
      (SETQ TRAILERSIZE (pop TRAILER))
      (SETQ PCCOUNT (CADR TRAILER))
```

: Skip version

:: Write the new-piece information at the beginning of OUTSTREAM.

```
;; This code allows for multiple inserted pieces, but unfortunately if the textstream already has any paragraph formatting, we can't make the pieces
;; be different paragraphs without making them also have non-default paraloofs.
```

;; The original code used the looks index of the first real piece, 1 if none was encountered. That was arbitrary, here we arbitrarily assign whatever
;; charlooks got the first index. (Tedit could arrange for that also to be the index of the first piece, if it mattered).

[illegible]

:: We are looking just at the format part so presume that its piece descriptions start at its 0. Copy rest of piece info, not including the old trailer.

```
(COPYBYTES FORMATSTREAM OUTSTREAM 0 (IDIFFERENCE (GETEOFPTR FORMATSTREAM) TRAILERSIZE))
```

;; The piece-pointer for the new trailer is adjusted above to account for the new pieces in the corresponding CHARSTREAM.

```
(\TEDIT.PUT.TRAILER OUTSTREAM PIECESTART PCCOUNT 3)
(RETURN OUTSTREAM)
```

[LAMBDA (TEXTSTREAM)

; Edited 14-Jan-2024 12:56 by rmk
; Edited 3-Jun-88 17:27 by bvm

:: Removes the TEXTSTREAM from the window, if any, it is being edited in.

```
(TEXTPROP TEXTSTREAM ' \WINDOW NIL)
```

[LAMBDA (TEXTSTREAM)

```
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```

```
;; This puts the contents of TEXTSTREAM to a nodircore file (if it isn't already on nodircore), and then sets it up for continuing in the current editing
;; session. Essentially eliminates the file-system backing store.
```

```
(LET* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
      (OFILE (GETTOBJ TEXTOBJ TXTFILE))
      NEWFILE)
  (CL:WHEN [AND (TYPE? STREAM OFILE
```

```
(TYPE: STREAM OF FILE)
(NEQ 'NODIRCORE (FETCH (FDEV DEVICENAME) OF (FETCH (STREAM DEVICE) OF (TRUEFILENAME
OF FILE])
```

```

    (SETQ NEWFILE (OPENSTREAM ' {NODIRCORE} ' BOTH))
    ;; \TEDIT.PUT.PCTB will save the current text and looks in NEWFILE, leaving it open. It returns the sequence of new looks for
    ;; continued editing, where all the file pieces point to their position in NEWFILE. But the file PCONTENTS do not yet point to the new
    ;; stream.
    (CLOSEF? OFILE)
    (\TEDIT.INSERT.NEWPIECES NEWFILE TEXTOBJ (\TEDIT.PUT.PCTB TEXTOBJ NEWFILE NIL T))
    (FSETTOBJ TEXTOBJ TXTFILE NIL)
    (PUTTEXTPROP TEXTOBJ 'CACHE NEWFILE)
    TEXTSTREAM) ])

```

(LA.WINDOW.FROM.TEXTSTREAM

```

[LAMBDA (TEXTSTREAM)

```

```

; Edited 18-Jun-2023 09:09 by rmk
; Edited 23-Sep-87 15:36 by bvm:

```

```

    (\TEDIT.MAINW TEXTSTREAM])

```

```

)

```

```

(DECLARE%: EVAL@COMPILE DONTCOPY

```

```

(FILESLoad (SOURCE)
    LAFITE-DECLS)

```

```

(DECLARE%: DOEVAL@COMPILE DONTCOPY

```

```

(GLOBALVARS *TEDIT-FILE-READTABLE*)
)

```

```

(DECLARE%: DOEVAL@COMPILE DONTCOPY

```

```

(LOCALVARS . T)
)
)

```

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