

File created: 22-Mar-88 21:14:40 {DSK}<LISPPFILES>TOP10-87>ADMIN>FORMATTINGFNS.;13

changes to: (VARS FORMATTINGFNSCOMS)
(FNS CALL.OTHERPARA CALL.HEAD CALL.1DIAGRAM CALL.2DIAGRAM CALL.3DIAGRAM CALL.4DIAGRAM
CALL.5DIAGRAM CALL.6DIAGRAM TOP10.PAGELAYOUT TOP10.CALLNAME-STYLE TOP10.CALLDEFN-STYLE
TOP10.NO-STYLE TOP10.NOTEHEAD-STYLE TOP10.NOTE-STYLE TOP10.DIAGRAM-STYLE TOP10.INIT
TOP10-DIAGRAM-CHAR-STYLE TOP10-CALLTITLE-CHAR-STYLE TOP10-MAINPARA-CHAR-STYLE
TOP10-NOTETITLE-CHAR-STYLE TOP10-NOTE-CHAR-STYLE TOP10-BIG-STYLES TOP10-PRINT-STYLES
XPS.COVER.PARA CRAM-DOC FILE-TO-WP CHC TEDIT.EXTERNAL.FORM TEDIT.EXT.PARALOOKS
TEDIT.EXT.CHARLOOKS TEDIT.EXT.OBJECT SPELLING-CORRECT)

previous date: 22-Mar-88 01:44:22 {DSK}<LISPPFILES>TOP10-87>ADMIN>FORMATTINGFNS.;11

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::
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(RPAQQ **FORMATTINGFNSCOMS**

:: Support for TOP-10 '87 edition formatting

(FNS CALL.HEAD CALL.OTHERPARA CALL.1DIAGRAM CALL.2DIAGRAM CALL.3DIAGRAM CALL.4DIAGRAM CALL.5DIAGRAM
CALL.6DIAGRAM TOP10.PAGELAYOUT TOP10.CALLNAME-STYLE TOP10.CALLDEFN-STYLE TOP10.NO-STYLE
TOP10.NOTEHEAD-STYLE TOP10.NOTE-STYLE TOP10.DIAGRAM-STYLE TOP10.INIT)

(COMS :: Support for character styles used in the Top10 mss.

(FNS TOP10-DIAGRAM-CHAR-STYLE TOP10-CALLTITLE-CHAR-STYLE TOP10-MAINPARA-CHAR-STYLE
TOP10-NOTETITLE-CHAR-STYLE TOP10-NOTE-CHAR-STYLE)
(FUNCTIONS TOP10-APPLY-CHAR-STYLE)

:: Initial style definitions:

(GLOBALVARS *TOP10-DIAGRAM-CHAR-STYLE-SPEC* *TOP10-CALLTITLE-CHAR-STYLE-SPEC*
TOP10-MAINPARA-CHAR-STYLE-SPEC *TOP10-NOTE-CHAR-STYLE-SPEC*
TOP10-DIAGRAM-CHAR-STYLE-SPEC *TOP10-NOTETITLE-CHAR-STYLE-SPEC*)

:: ALists for converting charlooks to styled looks. Reset these lists to enforce new styles:

(GLOBALVARS *TOP10-DIAGRAM-CHAR-STYLE-ALIST* *TOP10-CALLTITLE-CHAR-STYLE-ALIST*
TOP10-MAINPARA-CHAR-STYLE-ALIST *TOP10-NOTE-CHAR-STYLE-ALIST*
TOP10-DIAGRAM-CHAR-STYLE-ALIST *TOP10-NOTETITLE-CHAR-STYLE-ALIST*)

:: Fns for changing to readable sizes:

(FNS TOP10-BIG-STYLES TOP10-PRINT-STYLES)

:: Initialize the styles:

(P (TOP10-BIG-STYLES))

(FNS XPS.COVER.PARA)

; From XPSEdit formatter.

(FNS CRAM-DOC FILE-TO-WP CHC)

; For converting from WP format on PC

(FNS TEDIT.EXTERNAL.FORM TEDIT.EXT.PARALOOKS TEDIT.EXT.CHARLOOKS TEDIT.EXT.OBJECT)

; For writing a WP-able version of Tedit files.

(FNS SPELLING-CORRECT)

; For fixing common errors in TOP10 documents.

[VARS (*TOP10-FILES* ' (Front-Back>Inner-Cover.TEDIT Front-Back>Introduction.TEDIT
Front-Back>TOP10-CONTENTS.TEDIT FREQUENCY.TEDIT
DICTIONARIES>DICT-PREFACE.TEDIT DICTIONARIES>MSDICT-A-G.TEDIT
DICTIONARIES>MSDICT-H-P.TEDIT DICTIONARIES>MSDICT-R-S.TEDIT
DICTIONARIES>MSDICT-T-Z.TEDIT DICTIONARIES>PLUSDICT.TEDIT
DICTIONARIES>ADV-PREFACE.TEDIT DICTIONARIES>ADVICT-A-M.TEDIT
DICTIONARIES>ADVICT-N-Z.TEDIT DICTIONARIES>C1-PREFACE.TEDIT
DICTIONARIES>C1DEFNS-A-H.TEDIT DICTIONARIES>C1DEFNS-I-R.TEDIT
DICTIONARIES>C1DEFNS-S.TEDIT DICTIONARIES>C1DEFNS-T-Z.TEDIT
DICTIONARIES>C2DEFNS-A-E.TEDIT DICTIONARIES>C2DEFNS-F-O.TEDIT
>DICTIONARIES>C2DEFNS-P-S.TEDIT DICTIONARIES>C2DEFNS-T-Z.TEDIT
FRA>FORMATION-DICT.TEDIT FRA>ARRANGEMENTS.TEDIT FRA>FRA.TEDIT
FRA>ARRANGE-2FLINES.TEDIT FRA>ARRANGE-8CHAIN.TEDIT
FRA>ARRANGE-DIAMOND.TEDIT FRA>ARRANGE-LINES.TEDIT FRA>ARRANGE-QTAG.TEDIT
FRA>ARRANGE-WAVES.TEDIT))
(*TOP10-ERIS-FILES* ' ((ERIS)<SYBALSKEY>TOP10-87>TOP10-CONTENTS.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>FREQUENCY.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>DICT-PREFACE.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>MSDICT-A-G.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>MSDICT-H-P.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>MSDICT-R-S.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>MSDICT-T-Z.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>PLUSDICT.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>ADV-PREFACE.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>ADVICT-A-M.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>ADVICT-N-Z.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>C1-PREFACE.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>C1DEFNS-A-H.TEDIT
{ERIS}<SYBALSKEY>TOP10-87>DICTIONARIES>C1DEFNS-I-R.TEDIT

```

{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-S.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-T-Z.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-A-E.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-F-O.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-P-S.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-T-Z.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>FORMATION-DICT.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGEMENTS.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>FRA.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-2FLINES.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-8CHAIN.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-DIAMOND.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-LINES.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-QTAG.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-WAVES.TEDIT))
(*TOP10-ERIS-PART1* '({ERIS}<SYBALSKY>TOP10-87>TOP10-CONTENTS.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FREQUENCY.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>DICT-PREFACE.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-A-G.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-H-P.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-R-S.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-T-Z.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>PLUSDICT.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADV-PREFACE.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADVICT-A-M.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADVICT-N-Z.TEDIT))
(*TOP10-ERIS-PART2* '({ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1-PREFACE.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-A-H.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-I-R.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-S.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-T-Z.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-A-E.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-F-O.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-P-S.TEDIT
{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-T-Z.TEDIT
ERISS)<SYBALSKY>CALENDAR.DATABASEATION-DICT.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGEMENTS.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>FRA.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-2FLINES.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-8CHAIN.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-DIAMOND.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-LINES.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-QTAG.TEDIT
{ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-WAVES.TEDIT]
(P (TEDIT.SETFUNCTION (CHARCODE "##^S")
(FUNCTION SPELLING-CORRECT))

```

;;; Page layout of 3, 3x5 cards per page with heading and 2 columns per card.

```

[VAR (TOP10-FRAMES (TEDIT.PARSE.PAGEFRAMES ' (LIST ((PAGE NIL (PAPERSIZE Letter LANDSCAPE? T FOLIOINFO
(ARABIC "-" "-"))
(0 0 612 792)
((FOLIO NIL
(PARALOOKS (QUAD CENTERED)
CHARLOOKS
(SUPERSCRIPT 0 INVISIBLE OFF
SELECTPOINT OFF
PROTECTED OFF SIZE 6
FAMILY OPTIMA OVERLINE
OFF STRIKEOUT OFF
UNDERLINE OFF EXPANSION
REGULAR SLOPE ITALIC
WEIGHT BOLD INVERTED OFF
USERINFO NIL STYLE NIL)
FORMATINFO
(ARABIC "-" "-"))
(108 36 288 36)
NIL)
(TEXT NIL NIL (36 36 210 540)
NIL)
(TEXT NIL NIL (258 36 210 540)
NIL)))
(PAGE NIL (PAPERSIZE Letter LANDSCAPE? T FOLIOINFO
(ARABIC "-" "-"))
(0 0 612 792)
((FOLIO NIL
(PARALOOKS (QUAD CENTERED)
CHARLOOKS
(SUPERSCRIPT 0 INVISIBLE OFF
SELECTPOINT OFF
PROTECTED OFF SIZE 6
FAMILY OPTIMA OVERLINE
OFF STRIKEOUT OFF
UNDERLINE OFF EXPANSION
REGULAR SLOPE ITALIC
WEIGHT BOLD INVERTED OFF

```

```

USERINFO NIL STYLE NIL)
FORMATINFO
  (ARABIC "-" "-")
  (108 36 288 36)
  NIL
  (TEXT NIL NIL (36 36 210 540)
  NIL)
  (TEXT NIL NIL (258 36 210 540)
  NIL))
(PAGE NIL (PAPERSIZE Letter LANDSCAPE? T FOLIOINFO
  (ERISIC "-" "-"))
(0 0 612 792)
((FOLIO NIL
  (PARALOOKS (QUAD CENTERED)
  CHARLOOKS
  (SUPERSCRIPIT 0 INVISIBLE OFF
  SELECTPOINT OFF
  PROTECTED OFF SIZE 6
  FAMILY OPTIMA OVERLINE
  OFF STRIKEOUT OFF
  UNDERLINE OFF EXPANSION
  REGULAR SLOPE ITALIC
  WEIGHT BOLD INVERTED OFF
  USERINFO NIL STYLE NIL)
  FORMATINFO
  (ARABIC "-" "-")
  (108 36 288 36)
  NIL)
  (TEXT NIL NIL (36 36 210 540)
  NIL)
  (TEXT NIL NIL (258 36 210 540)
  NIL]

```

```

(P (TOP10.INIT))
(PROP FILETYPE FORMATTINGFNS))

```

:: Support for TOP-10 '87 edition formatting

(DEFINEQ

(CALL.HEAD

```

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

```

; Edited 15-Mar-88 01:38 by Sybalsky

:: Impose the style for the paragraph that heads a call definition.

```

(XPS.COVER.PARA TEXTOBJ SEL)
(LET* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
  (TEDIT.PARALOOKS TEXTOBJ

```

; Make sure the whole paragraph is selected.

```

' (HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE NIL TYPE NIL
  SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS (60 (581 . LEFT))
  BASETBASE NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 6 RIGHTMARGIN 210 LEFTMARGIN
  0 1STLEFTMARGIN 0 QUAD JUSTIFIED)
SEL])

```

(CALL.OTHERPARA

```

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

```

; Edited 22-Mar-88 18:18 by

:: Impose the style for paragrazphs in the body of a call definition.

```

(XPS.COVER.PARA TEXTOBJ SEL)
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
  (TEDIT.PARALOOKS TEXTOBJ

```

; Make sure the whole paragraph is selected.

```

' (HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE NIL TYPE
  NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS NIL BASETBASE
  NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 2 RIGHTMARGIN 210 LEFTMARGIN 0
  1STLEFTMARGIN 0 QUAD JUSTIFIED])

```

(CALL.1DIAGRAM

```

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

```

; Edited 14-Oct-87 11:52 by jds

:: Impose the style for a single-picture diagram paragraph: Centered.

```

(XPS.COVER.PARA TEXTOBJ SEL)
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
  (TEDIT.PARALOOKS TEXTOBJ

```

; Make sure the whole paragraph is selected.

```

' (HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE NIL TYPE
  NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS NIL BASETBASE
  NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 0 RIGHTMARGIN 210 LEFTMARGIN 0
  1STLEFTMARGIN 0 QUAD CENTERED])

```

(CALL.2DIAGRAM

```

[LAMBDA (TEXTSTREAM TEXTOBJ SEL)

```

; Edited 14-Oct-87 11:54 by jds

:: Impose the style for a single-picture diagram paragraph: Centered.

```
(XPS.COVER.PARA TEXTOBJ SEL) ; Make sure the whole paragraph is selected.
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
(TEDIT.PARALOOKS TEXTOBJ
  '(HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE NIL TYPE
    NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS
    (60 (66 . CENTERED)
      (144 . CENTERED))
    BASETBASE NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 3 RIGHTMARGIN 210
    LEFTMARGIN 0 1STLEFTMARGIN 0 QUAD JUSTIFIED])
```

(CALL.3DIAGRAM

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Oct-87 11:55 by jds

:: Impose the style for a 3-picture diagram paragraph: Centered.

```
(XPS.COVER.PARA TEXTOBJ SEL) ; Make sure the whole paragraph is selected.
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
(TEDIT.PARALOOKS TEXTOBJ
  '(HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE NIL TYPE
    NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS
    (60 (36 . CENTERED)
      (108 . CENTERED)
      (174 . CENTERED))
    BASETBASE NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 3 RIGHTMARGIN 210
    LEFTMARGIN 0 1STLEFTMARGIN 0 QUAD JUSTIFIED])
```

(CALL.4DIAGRAM

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 17-Dec-87 15:33 by jds

:: Impose the style for a single-picture diagram paragraph: Centered.

```
(XPS.COVER.PARA TEXTOBJ SEL) ; Make sure the whole paragraph is selected.
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
(TEDIT.PARALOOKS TEXTOBJ
  '(REVISED NIL HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE
    NIL TYPE NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS
    (60 (18 . CENTERED)
      (72 . CENTERED)
      (126 . CENTERED)
      (174 . CENTERED)
      (581 . LEFT))
    BASETBASE NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 0 RIGHTMARGIN 210
    LEFTMARGIN 0 1STLEFTMARGIN 0 QUAD LEFT])
```

(CALL.5DIAGRAM

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 5-Jan-88 13:25 by jds

:: Impose the style for a single-picture diagram paragraph: Centered.

```
(XPS.COVER.PARA TEXTOBJ SEL) ; Make sure the whole paragraph is selected.
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
(TEDIT.PARALOOKS TEXTOBJ
  '(REVISED NIL HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE
    NIL TYPE NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS
    (60 (24 . CENTERED)
      (66 . CENTERED)
      (108 . CENTERED)
      (150 . CENTERED)
      (192 . CENTERED))
    BASETBASE NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 1 RIGHTMARGIN 210
    LEFTMARGIN 0 1STLEFTMARGIN 0 QUAD LEFT])
```

(CALL.6DIAGRAM

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 17-Dec-87 16:20 by jds

:: Impose the style for a single-picture diagram paragraph: Centered.

```
(XPS.COVER.PARA TEXTOBJ SEL) ; Make sure the whole paragraph is selected.
(PROG* ((TEXTOBJ (TEXTOBJ TEXTSTREAM))
  (CH# (fetch CH# of SEL))
  (CHLIM (fetch CHLIM of SEL)))
(TEDIT.PARALOOKS TEXTOBJ
  '(REVISED NIL HARDCOPY NIL KEEP NIL HEADINGKEEP OFF NEWPAGEAFTER NIL NEWPAGEBEFORE NIL SUBTYPE
    NIL TYPE NIL SPECIALY 0 SPECIALX 0 USERINFO NIL CHARSTYLES NIL STYLE NIL TABS
    (60 (18 . CENTERED)
      (42 . CENTERED)
      (78 . CENTERED))
```

(120 . CENTERED)
(156 . CENTERED)
(186 . CENTERED)
(581 . LEFT)
BASETOBASE NIL LINELEADING 0 POSTPARALEADING 0 PARALEADING 1 RIGHTMARGIN 210
LEFTMARGIN 0 1STLEFTMARGIN 0 QUAD JUSTIFIED))

(TOP10.PAGELAYOUT

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 14-Oct-87 12:03 by jds

:: Impose page layout on a TOP-10 '87 file. 2-column, set up for 7 x 8.5 pages with 1/2" top and bottom..

(TEDIT.PAGEFORMAT TEXTSTREAM TOP10-FRAMES))

(TOP10.CALLNAME-STYLE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 23-Dec-87 11:40 by jds

:: Impose the CHARACTER style for call titles.

(TEDIT.LOOKS TEXTOBJ '(STYLE TOP10-CALLTITLE-CHAR-STYLE))

(TOP10.CALLDEFN-STYLE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 23-Dec-87 11:41 by jds

:: Impose the CHARACTER style for call titles.

(TEDIT.LOOKS TEXTOBJ '(STYLE TOP10-MAINPARA-CHAR-STYLE))

(TOP10.NO-STYLE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 5-Jan-88 12:26 by jds

:: Remove any character styling.

(TEDIT.LOOKS TEXTOBJ '(STYLE NIL))

(TOP10.NOTEHEAD-STYLE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 23-Dec-87 11:41 by jds

:: Impose the CHARACTER style for call titles.

(TEDIT.LOOKS TEXTOBJ '(STYLE TOP10-NOTETITLE-CHAR-STYLE))

(TOP10.NOTE-STYLE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 23-Dec-87 11:41 by jds

:: Impose the CHARACTER style for call titles.

(TEDIT.LOOKS TEXTOBJ '(STYLE TOP10-NOTE-CHAR-STYLE))

(TOP10.DIAGRAM-STYLE

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) ; Edited 23-Dec-87 11:41 by jds

:: Impose the CHARACTER style for call titles.

(TEDIT.LOOKS TEXTOBJ '(STYLE TOP10-DIAGRAM-CHAR-STYLE))

(TOP10.INIT

[LAMBDA NIL ; Edited 5-Jan-88 12:26 by jds

:: Attach TOP-10 formatting operations to META- command keys

:: Meta-digits format diagrams of corresponding size:

(TEDIT.SETFUNCTION (CHARCODE %##1)

(FUNCTION CALL.1DIAGRAM))

(TEDIT.SETFUNCTION (CHARCODE %##2)

(FUNCTION CALL.2DIAGRAM))

(TEDIT.SETFUNCTION (CHARCODE %##3)

(FUNCTION CALL.3DIAGRAM))

(TEDIT.SETFUNCTION (CHARCODE %##4)

(FUNCTION CALL.4DIAGRAM))

(TEDIT.SETFUNCTION (CHARCODE %##5)

(FUNCTION CALL.5DIAGRAM))

(TEDIT.SETFUNCTION (CHARCODE %##6)

(FUNCTION CALL.6DIAGRAM))

:: META-A formats a CALL DEFINITION heading

(TEDIT.SETFUNCTION (CHARCODE %##A)

(FUNCTION CALL.HEAD))

(TEDIT.SETFUNCTION (CHARCODE %##a)

(FUNCTION CALL.HEAD))

:: META-S formats other paragraphs:

(TEDIT.SETFUNCTION (CHARCODE %##S)

(FUNCTION CALL.OTHERPARA))

(TEDIT.SETFUNCTION (CHARCODE %##s)

```

(FUNCTION CALL.OTHERPARA)
;; META-G will set the page layout for a NEW TOP10 FILE:
(TEDIT.SETFUNCTION (CHARCODE %##G)
 (FUNCTION TOP10.PAGELAYOUT))
(TEDIT.SETFUNCTION (CHARCODE %##g)
 (FUNCTION TOP10.PAGELAYOUT))
;; Meta Q W E R T set char styles for
;; Q - call name
(TEDIT.SETFUNCTION (CHARCODE %##q)
 (FUNCTION TOP10.CALLNAME-STYLE))
(TEDIT.SETFUNCTION (CHARCODE %##Q)
 (FUNCTION TOP10.CALLNAME-STYLE))
;; W - Call defn body
(TEDIT.SETFUNCTION (CHARCODE %##w)
 (FUNCTION TOP10.CALLDEFN-STYLE))
(TEDIT.SETFUNCTION (CHARCODE %##W)
 (FUNCTION TOP10.CALLDEFN-STYLE))
;; E - Note Head
(TEDIT.SETFUNCTION (CHARCODE %##e)
 (FUNCTION TOP10.NOTEHEAD-STYLE))
(TEDIT.SETFUNCTION (CHARCODE %##E)
 (FUNCTION TOP10.NOTEHEAD-STYLE))
;; R - Note body
(TEDIT.SETFUNCTION (CHARCODE %##r)
 (FUNCTION TOP10.NOTE-STYLE))
(TEDIT.SETFUNCTION (CHARCODE %##R)
 (FUNCTION TOP10.NOTE-STYLE))
;; T - diagram captions
(TEDIT.SETFUNCTION (CHARCODE %##t)
 (FUNCTION TOP10.DIAGRAM-STYLE))
(TEDIT.SETFUNCTION (CHARCODE %##T)
 (FUNCTION TOP10.DIAGRAM-STYLE))
;; SPACE - turns off all styling.
(TEDIT.SETFUNCTION (CHARCODE %##SPACE)
 (FUNCTION TOP10.NO-STYLE))
)

```

;; Support for character styles used in the Top10 mss.

(DEFINEQ

(TOP10-DIAGRAM-CHAR-STYLE

[LAMBDA (LOOKS PC TEXTOBJ)

; Edited 15-Mar-88 00:57 by Sybalsky

;; Character Style function for Top10 diagrams -- sets the font always to the proper size & weighth.

(TOP10-APPLY-CHAR-STYLE LOOKS PC TEXTOBJ *TOP10-DIAGRAM-CHAR-STYLE-SPEC* *TOP10-DIAGRAM-CHAR-STYLE-ALIST*])

(TOP10-CALLTITLE-CHAR-STYLE

[LAMBDA (LOOKS PC TEXTOBJ)

; Edited 15-Mar-88 00:57 by Sybalsky

;; Character Style function for Top10 call titles -- sets the font always to the proper size & weighth.

(TOP10-APPLY-CHAR-STYLE LOOKS PC TEXTOBJ *TOP10-CALLTITLE-CHAR-STYLE-SPEC* *TOP10-CALLTITLE-CHAR-STYLE-ALIST*])

(TOP10-MAINPARA-CHAR-STYLE

[LAMBDA (LOOKS PC TEXTOBJ)

; Edited 15-Mar-88 00:58 by Sybalsky

;; Character Style function for Top10 main-definition paragraphs -- sets the font always to the proper size & weighth.

(TOP10-APPLY-CHAR-STYLE LOOKS PC TEXTOBJ *TOP10-MAINPARA-CHAR-STYLE-SPEC* *TOP10-MAINPARA-CHAR-STYLE-ALIST*])

(TOP10-NOTETITLE-CHAR-STYLE

[LAMBDA (LOOKS PC TEXTOBJ)

; Edited 15-Mar-88 00:59 by Sybalsky

;; Character Style function for Top10 note para title run-in heads. -- sets the font always to the proper size & weighth.

(TOP10-APPLY-CHAR-STYLE LOOKS PC TEXTOBJ *TOP10-NOTETITLE-CHAR-STYLE-SPEC* *TOP10-NOTETITLE-CHAR-STYLE-ALIST*])

(TOP10-NOTE-CHAR-STYLE

[LAMBDA (LOOKS PC TEXTOBJ)

; Edited 15-Mar-88 00:51 by Sybalsky

;; Character Style function for Top10 notes -- sets the font always to the proper size & weighth.

(TOP10-APPLY-CHAR-STYLE LOOKS PC TEXTOBJ *TOP10-NOTE-CHAR-STYLE-SPEC* *TOP10-NOTE-CHAR-STYLE-ALIST*])

)

(DEFMACRO **TOP10-APPLY-CHAR-STYLE** (LOOKS PIECE TEXTOBJ STYLE-SPEC STYLE-ALIST)

;; For applying character styles in a style function.

```

\COND
  ((CDR (ASSOC ,LOOKS ,STYLE-ALIST)) ; There's a cached value. Use it.
  )
  (T ; No cached value, create one, and cache it.
   (CL:PUSH (CONS ,LOOKS (\TEDIT.PARSE.CHARLOOKS.LIST ,STYLE-SPEC ,LOOKS ,TEXTOBJ)
                ,STYLE-ALIST)
            (CDR (ASSOC ,LOOKS ,STYLE-ALIST)))
  )

```

;; Initial style definitions:

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS *TOP10-DIAGRAM-CHAR-STYLE-SPEC* *TOP10-CALLTITLE-CHAR-STYLE-SPEC* *TOP10-MAINPARA-CHAR-STYLE-SPEC* *TOP10-NOTE-CHAR-STYLE-SPEC* *TOP10-DIAGRAM-CHAR-STYLE-SPEC* *TOP10-NOTETITLE-CHAR-STYLE-SPEC*)

)

;; Alists for converting charlooks to styled looks. Reset these lists to enforce new styles:

(DECLARE%: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS *TOP10-DIAGRAM-CHAR-STYLE-ALIST* *TOP10-CALLTITLE-CHAR-STYLE-ALIST* *TOP10-MAINPARA-CHAR-STYLE-ALIST* *TOP10-NOTE-CHAR-STYLE-ALIST* *TOP10-DIAGRAM-CHAR-STYLE-ALIST* *TOP10-NOTETITLE-CHAR-STYLE-ALIST*)

)

;; Fns for changing to readable sizes:

(DEFINEQ

(TOP10-BIG-STYLES

[LAMBDA NIL ; Edited 15-Mar-88 00:45 by Sybalsky

;; Set all Top10 styles to be readable size.

```

(SETQ *TOP10-CALLTITLE-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 10))
(SETQ *TOP10-MAINPARA-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 10))
(SETQ *TOP10-NOTE-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 10))
(SETQ *TOP10-NOTETITLE-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 10))
(SETQ *TOP10-DIAGRAM-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 6 WEIGHT BOLD UNDERLINE OFF))
(SETQ *TOP10-DIAGRAM-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-CALLTITLE-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-MAINPARA-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-NOTE-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-DIAGRAM-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-NOTETITLE-CHAR-STYLE-ALIST* NIL])

```

(TOP10-PRINT-STYLES

[LAMBDA NIL ; Edited 15-Mar-88 00:45 by Sybalsky

;; Set all top10 styles to their rendering sizes for printing.

```

(SETQ *TOP10-CALLTITLE-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 9 WEIGHT BOLD UNDERLINE OFF))
(SETQ *TOP10-MAINPARA-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 9))
(SETQ *TOP10-NOTE-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 7))
(SETQ *TOP10-NOTETITLE-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 7 WEIGHT BOLD))
(SETQ *TOP10-DIAGRAM-CHAR-STYLE-SPEC* '(FAMILY OPTIMA SIZE 6 WEIGHT BOLD UNDERLINE OFF))
(SETQ *TOP10-DIAGRAM-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-CALLTITLE-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-MAINPARA-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-NOTE-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-DIAGRAM-CHAR-STYLE-ALIST* NIL)
(SETQ *TOP10-NOTETITLE-CHAR-STYLE-ALIST* NIL)
(SETQ *DANCER-FONT-SIZE* 10])

```

)

;; Initialize the styles:

(TOP10-BIG-STYLES)

(DEFINEQ

(XPS.COVER.PARA

[LAMBDA (TEXTOBJ SEL) (* jds "20-Nov-85 15:20")

(* Assure that SEL covers a span of WHOLE paragraphs. Expand it to do so, if need be.)

```

(PROG [[CH1 (CAR (\TEDIT.PARABOUNDS TEXTOBJ (fetch CH# of SEL)
          (CHLIM (CDR (\TEDIT.PARABOUNDS TEXTOBJ (SUB1 (fetch CHLIM of SEL)

```

(TEDIT.SETSEL TEXTOBJ CH1 (ADD1 (IDIFFERENCE CHLIM CH1]))

)

:: From XPSEDIT formatter.

(DEFINEQ

(CRAM-DOC

[LAMBDA (FILE OUTFILE)

; Edited 28-Dec-87 12:42 by jds

:: Take one ovf Bill's editor files and make it readable to me

(LET (CH CH2)

(CL:WITH-OPEN-FILE (IN FILE)

(CL:WITH-OPEN-STREAM (OUT (OPENSTREAM OUTFILE 'OUTPUT 'NEW))

(while (NOT (EOFP IN)) do (SETQ CH (BIN IN))

(SELECTQ CH

(12 ; "New Column"

(BOUT OUT (CHARCODE CR)))

(140 ; Some variant on first-column?

(BOUT OUT (CHARCODE CR)))

((156 175 135 131)

; Not sure what this does.

; Bold-on?

)

((169 170) ; N dash

(BOUT OUT (CHARCODE -)))

(13 (BOUT OUT (CHARCODE SPACE)))

(220 ; Skip to next 12 on input file, insert CR in output file.

(repeatwhile (CL:/= CH 220) do (SETQ CH (BIN IN))))

(225 ; Skip to next 10 in input, insert CR in output

(BIN IN)

(BIN IN)

(BOUT OUT (CHARCODE -)))

(236 ; Skip to next 135 in input, insert CR in output.

(SETQ CH2 (BIN IN))

(BIN IN)

(BIN IN))

(10 ; LF is para sseparator

(BOUT OUT (CHARCODE CR)))

(169 (BOUT OUT (CHARCODE -)))

(96 ; open dbl quote

(COND

((= (\PEEKBIN IN)

96)

(BIN IN)

(BOUT OUT 170)))

(39 ; close dbl quote

(COND

((= (\PEEKBIN IN)

39)

(BIN IN)

(BOUT OUT 186)))

(124 ; 1/2

(BOUT OUT 189))

(123 ; 1/4

(BOUT OUT 188))

(125 ; 3/4

(BOUT OUT 190))

(BOUT OUT CH])

(FILE-TO-WP

[LAMBDA (FILE OFILE)

; Edited 11-Dec-87 16:29 by jds

(LET ((TS (OPENTEXTSTREAM FILE)))

(CL:WITH-OPEN-STREAM (OUT (OPEN OFILE :DIRECTION :OUTPUT :IF-EXISTS :NEW-VERSION))

(TEDIT.EXTERNAL.FORM (TEXTOBJ TS)

OUT))

(CLOSEF TS])

(CHC

[LAMBDA (STREAM TEXTOBJ SEL)

; Edited 4-Dec-87 11:32 by jds

(LET ((STR (TEDIT.SEL.AS.STRING STREAM SEL)))

(PRINTOUT TT (CHCON STR)

T T])

)

:: For converting from WP format on PC

(DEFINEQ

(TEDIT.EXTERNAL.FORM

[LAMBDA (TEXTOBJ OFILE UNFORMATTED? SEPARATEFORMAT)

; Edited 11-Dec-87 16:18 by jds

:: Put a representation of the piece table onto OFILE, preserving font changes and paragraph looks. UNFORMATTED? means write no font or

;; formatting info.

```
(PROG (OCURSOR CH PC PFILE PSTR POBJ OFILELEN OLDLOOKS (OLDPARALOOKS (fetch FMTSPEC of TEXTOBJ))
      (*READTABLE* *TEDIT-FILE-READTABLE*)
      (*PRINT-BASE* 10)
      OLDCH# CURCH# PREVPC FONTFILE (PCCOUNT 0)
      TRUEFILE CHARLOOKSLST PARALOOKSLST (TEDIT.PUT.FINISHEDFORMS NIL)
      (EDITSTENTATIVE (TEXTPROP TEXTOBJ 'TEDIT.TENTATIVE))
      (PARALOOKSSEEN NIL)
      (FORMATTINGLEVEL (TEDIT.FORMATTEDFILEP TEXTOBJ))
      (CACHE (TEXTPROP TEXTOBJ 'CACHE))
      CH#S PREVFATP PARAHASH LOOKSHASH PREVPREVPC)
  (replace (STREAM LINELENGTH) of OFILE with MAX.SMALLP) ; Prevent spurious carriage-returns in the piece descriptions.
  (SETQ PC (\EDITELT (fetch PCTB of TEXTOBJ)
                    (ADD1 \FirstPieceOffset))) ; First piece in the document
  (SETQ OLDLOOKS (create CHARLOOKS)) ; Starting looks
  (\TEDIT.FLUSH.UNUSED.LOOKS TEXTOBJ PC) ; Run thru the lists of char & para looks and remove any that
                                          ; aren't in use

  (COND
    ([AND (fetch TXTPARALOOKSLIST of TEXTOBJ)
          (OR (IGREATERP (FLENGTH (fetch TXTPARALOOKSLIST of TEXTOBJ))
                      1)
              (NOT (EQFMTSPEC (CAR (fetch TXTPARALOOKSLIST of TEXTOBJ))
                              TEDIT.DEFAULT.FMTSPEC))
              )
          )
    ;; There are paragraph looks in this document that don't match the default -- save the list of them for later retrieval.
    (SETQ PARAHASH (TEDIT.EXT.PARALOOKS OFFILE (fetch TXTPARALOOKSLIST of TEXTOBJ)))
    (SETQ PARALOOKSSEEN T))

  (COND
    ((OR PARALOOKSSEEN FORMATTINGLEVEL)
     ;; There are character looks in this document that don't match the default (or paragraph formatting, which forces looks to be saved) --
     ;; save the list for later retrieval. ; Open a font-info file if one is needed.
     (SETQ LOOKSHASH (TEDIT.EXT.CHARLOOKS OFFILE (fetch TXTCHARLOOKSLIST of TEXTOBJ)
                                                of TEXTOBJ])
     (while PC do (COND
                   ([AND (NOT (ZEROP (fetch PLEN of PC)))
                         (NOT (EQCLOOKS OLDLOOKS (fetch PLOOKS of PC)
                                         LOOKSHASH)))
                    [OR LOOKSHASH (SETQ LOOKSHASH (TEDIT.EXT.CHARLOOKS OFFILE (fetch TXTCHARLOOKSLIST
                                                                                of TEXTOBJ)
                                                                                of TEXTOBJ))
                          (CL:FORMAT OFILE "@F(~D)" (GETHASH (fetch PLOOKS of PC)
                                                                LOOKSHASH))
                          (SETQ OLDLOOKS (fetch PLOOKS of PC)
                                  (COND
                                    ([AND (NOT (ZEROP (fetch PLEN of PC)))
                                          (OR (NOT PREVPC)
                                              (fetch PPARALAST of PREVPC))
                                          (OR PARALOOKSSEEN (NOT (EQFMTSPEC (fetch PPARALOOKS of PC)
                                                                              (fetch FMTSPEC of TEXTOBJ))
                                                                              )
                                          )
                                    (CL:FORMAT OFILE "@P(~D)" (GETHASH (fetch PPARALOOKS of PC)
                                                                        PARAHASH))
                                    (SETQ PARALOOKSSEEN T)
                                    ; Remember that we've seen a foreign paralooks, and must
                                    ; henceforth note para boundaries
                                  )
                                  )
                    )
                   )
    (COND
      ((fetch POBJ of PC) ; It's an object -- go use its PUTFN
       (TEDIT.EXT.OBJECT OFFILE (fetch (PIECE POBJ) of PC)) ; Send out the object
      )
    )

    ;; Now dump out the non-object contents of the piece:
    (COND
      ((AND PREVPC PC (EQ (fetch PFATP of PREVPC)
                          (fetch PFATP of PC)))
       ; Nothing further to do.
      )
    )
    ([AND PREVPC (fetch PFATP of PREVPC))
    (COND
      ((fetch PFATP of PC))
      (T ; Switching from FAT to thin
       (BOUT OFILE 255)
       (BOUT OFILE 0]
       (fetch PFATP of PC) ; Switching from thin to fat
       (BOUT OFILE 255)
       (BOUT OFILE 255)
       (BOUT OFILE 0)))
    (COND
      [(SETQ PFILE (fetch PFILE of PC)) ; It's on a file. Copy it.
       [OR (OPENP PFILE)
          (replace PFILE of PC with (SETQ PFILE (\TEDIT.REOPEN.STREAM TEXTOBJ PFILE))
                  ; Make sure the file is open.
                  )
          (COPYBYTES PFILE OFFILE (fetch PFPOS of PC)
                    (IPLUS (fetch PFPOS of PC)
                           (COND
                             ((fetch PFATP of PC) ; For fat file pieces, copy twice as many bytes as characters.

```

```

      (UNFOLD (fetch PLEN of PC)
              2))
      (T (fetch PLEN of PC)
        ((SETQ PSTR (fetch PSTR of PC)) ; It's in a string. Just print it.
         (COND
          [(fetch PFATP of PC) ; The string is fat: Copy twice as many bytes as chars.
           (for I from 1 to (fetch PLEN of PC) as CH instring PSTR
            do (\BOUT OFILE (\CHARSET CH))
              (\BOUT OFILE (\CHAR8CODE CH))
           (T
            (for I from 1 to (fetch PLEN of PC) as CH instring PSTR
             do (\BOUT OFILE CH)
            ; The string is thin. Just copy it to the file.
            (SETQ PREVPC PC)
            (SETQ PC (fetch NEXTPIECE of PC)]

```

(TEDIT.EXT.PARALOOKS

```

[LAMBDA (FILE LOOKSLIST) ; Edited 10-Dec-87 10:04 by jds
                          ; Write the list of FMTSPECS into the font file.
  (PROG ((LOOKSHASH (HASHARRAY 50)))
        (PRIN1 " (PARAGRAPH-LOOKS " FILE)
          (for I from 1 as LOOKS in LOOKSLIST do (PRIN1 (\TEDIT.UNPARSE.PARALOOKS.LIST LOOKS)
                                                       FILE) ; Write out the description
          (PUTHASH LOOKS I LOOKSHASH) ; And save it in the hash table so people can find its index.
        )
        (PRIN1 "
          " FILE)
        (RETURN LOOKSHASH])

```

(TEDIT.EXT.CHARLOOKS

```

[LAMBDA (FILE LOOKSLIST) ; Edited 10-Dec-87 09:41 by jds
  ;; Write the list of CHARLOOKSs into the font file.
  ;; Returns a hasharray that will map from a given CHARLOOKS to that CHARLOOKS' position in the list we wrote on the file. Those position
  ;; numbers are then written in the individual looks descriptions, and are used to reconstruct the piece looks when the file is read back in.
  (PROG ((LOOKSHASH (HASHARRAY 50))) ; How many CHARLOOKSs there are in the list
        (PRIN1 " (CHARLOOKS " FILE)
          (for I from 1 as LOOKS in LOOKSLIST do ; Write each charlooks, in the order they appear in the list.
          (PRIN1 (\TEDIT.UNPARSE.CHARLOOKS.LIST LOOKS) ; Write out the description
          (PUTHASH LOOKS I LOOKSHASH) ; And save it in the hash table so people can find its index.
        )
        (PRIN1 "
          " FILE)
        (RETURN LOOKSHASH])

```

(TEDIT.EXT.OBJECT

```

[LAMBDA (FILE OBJECT) ; Edited 11-Dec-87 15:22 by jds
  (LET (PLIST)
    (SELECTQ (fetch (IMAGEFNS DISPLAYFN) of (fetch (IMAGEOBJ IMAGEOBJFNS) of OBJECT))
             (DANCEROBJ.DISPLAYFN
              (SETQ PLIST (COPY (fetch (IMAGEOBJ IMAGEOBJPLIST) of OBJECT)))
              [COND
               ((LISTGET PLIST 'BOUNDBOX) ; Remove the boundbox property
                (SETQ PLIST (LDIFFERENCE PLIST (LIST 'BOUNDBOX (LISTGET PLIST 'BOUNDBOX)
                (PRINTOUT FILE "@PIC" PLIST))
                (HELP "UNKNOWN OBJECT TYPE"])))
    )

```

:: For writing a WP-able version of TEdit files.

(DEFINEQ

(SPELLING-CORRECT

```

[LAMBDA (TEXTOBJ) ; Edited 15-Mar-88 00:09 by Sybalsky
  (LET ((TEXTOBJ (TEXTOBJ TEXTOBJ))
        CORRECTION-LIST)
    (CL:WITH-OPEN-FILE (IN "{DSK}<LISPPFILES>TOP10-87>ADMIN>SPELLING-CORRECTION-LIST" :DIRECTION :INPUT)
      (SETQ CORRECTION-LIST (READ IN)))
    (for CORRECTION in CORRECTION-LIST do (TEDIT.SETSEL TEXTOBJ 1 (fetch (TEXTOBJ TEXTLEN) of TEXTOBJ)
                                           NIL NIL)
      (TEDIT.SUBSTITUTE TEXTOBJ (CAR CORRECTION)
                          (CADR CORRECTION)
                          NIL])
    )

```

:: For fixing common errors in TOP10 documents.

(RPAQQ *TOP10-FILES*

(Front-Back>Inner-Cover.TEDIT Front-Back>Introduction.TEDIT Front-Back>TOP10-CONTENTS.TEDIT FREQUENCY.TEDIT DICTIONARIES>DICT-PREFACE.TEDIT DICTIONARIES>MSDICT-A-G.TEDIT DICTIONARIES>MSDICT-H-P.TEDIT DICTIONARIES>MSDICT-R-S.TEDIT DICTIONARIES>MSDICT-T-Z.TEDIT DICTIONARIES>PLUSDICT.TEDIT DICTIONARIES>ADV-PREFACE.TEDIT DICTIONARIES>ADVICT-A-M.TEDIT DICTIONARIES>ADVICT-N-Z.TEDIT DICTIONARIES>C1-PREFACE.TEDIT DICTIONARIES>C1DEFNS-A-H.TEDIT DICTIONARIES>C1DEFNS-I-R.TEDIT DICTIONARIES>C1DEFNS-S.TEDIT DICTIONARIES>C1DEFNS-T-Z.TEDIT DICTIONARIES>C2DEFNS-A-E.TEDIT DICTIONARIES>C2DEFNS-F-O.TEDIT >DICTIONARIES>C2DEFNS-P-S.TEDIT DICTIONARIES>C2DEFNS-T-Z.TEDIT FRA>FORMATION-DICT.TEDIT FRA>ARRANGEMENTS.TEDIT FRA>FRA.TEDIT FRA>ARRANGE-2FLINES.TEDIT FRA>ARRANGE-8CHAIN.TEDIT FRA>ARRANGE-DIAMOND.TEDIT FRA>ARRANGE-LINES.TEDIT FRA>ARRANGE-QTAG.TEDIT FRA>ARRANGE-WAVES.TEDIT)

(RPAQQ *TOP10-ERIS-FILES* ({ERIS}<SYBALSKY>TOP10-87>TOP10-CONTENTS.TEDIT {ERIS}<SYBALSKY>TOP10-87>FREQUENCY.TEDIT

{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>DICT-PREFACE.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-A-G.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-H-P.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-R-S.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-T-Z.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>PLUSDICT.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADV-PREFACE.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADVICT-A-M.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADVICT-N-Z.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1-PREFACE.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-A-H.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-I-R.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-S.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-T-Z.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-A-E.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-F-O.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-P-S.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-T-Z.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>FORMATION-DICT.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGEMENTS.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>FRA.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-2FLINES.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-8CHAIN.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-DIAMOND.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-LINES.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-QTAG.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-WAVES.TEDIT)

(RPAQQ *TOP10-ERIS-PART1* ({ERIS}<SYBALSKY>TOP10-87>TOP10-CONTENTS.TEDIT {ERIS}<SYBALSKY>TOP10-87>FREQUENCY.TEDIT

{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>DICT-PREFACE.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-A-G.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-H-P.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-R-S.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>MSDICT-T-Z.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>PLUSDICT.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADV-PREFACE.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADVICT-A-M.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>ADVICT-N-Z.TEDIT)

(RPAQQ *TOP10-ERIS-PART2* ({ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1-PREFACE.TEDIT

{ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-A-H.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-I-R.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-S.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C1DEFNS-T-Z.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-A-E.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-F-O.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-P-S.TEDIT {ERIS}<SYBALSKY>TOP10-87>DICTIONARIES>C2DEFNS-T-Z.TEDIT ERISS}<SYBALSKY>CALENDAR.DATABASEATION-DICT.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGEMENTS.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>FRA.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-2FLINES.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-8CHAIN.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-DIAMOND.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-LINES.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-QTAG.TEDIT {ERIS}<SYBALSKY>TOP10-87>FRA>ARRANGE-WAVES.TEDIT)

(TEDIT.SETFUNCTION (CHARCODE "##^S") (FUNCTION SPELLING-CORRECT))

;;; Page layout of 3, 3x5 cards per page with heading and 2 columns per card.

(RPAQ TOP10-FRAMES

[TEDIT.PARSE.PAGEFRAMES '(LIST ((PAGE NIL (PAPERSIZE Letter LANDSCAPE? T FOLIOINFO (ARABIC "-" "-")) (0 0 612 792) ((FOLIO NIL (PARALOOKS (QUAD CENTERED) CHARLOOKS (SUPERSCRIP 0 INVISIBLE OFF SELECTPOINT OFF PROTECTED OFF SIZE 6 FAMILY OPTIMA OVERLINE OFF STRIKEOUT OFF UNDERLINE OFF EXPANSION REGULAR SLOPE ITALIC WEIGHT BOLD INVERTED OFF

```

                USERINFO NIL STYLE NIL)
                FORMATINFO
                (ARABIC "-" "-")
                (108 36 288 36)
                NIL)
                (TEXT NIL NIL (36 36 210 540)
                NIL)
                (TEXT NIL NIL (258 36 210 540)
                NIL))
(PAGE NIL (PAPERSIZE Letter LANDSCAPE? T FOLIOINFO (ARABIC "-" "-"))
(0 0 612 792)
((FOLIO NIL
  (PARALOOKS (QUAD CENTERED)
  CHARLOOKS
  (SUPERSCRIP 0 INVISIBLE OFF SELECTPOINT OFF
  PROTECTED OFF SIZE 6 FAMILY OPTIMA OVERLINE
  OFF STRIKEOUT OFF UNDERLINE OFF EXPANSION
  REGULAR SLOPE ITALIC WEIGHT BOLD INVERTED OFF
  USERINFO NIL STYLE NIL)
  FORMATINFO
  (ARABIC "-" "-")
  (108 36 288 36)
  NIL)
  (TEXT NIL NIL (36 36 210 540)
  NIL)
  (TEXT NIL NIL (258 36 210 540)
  NIL))
(PAGE NIL (PAPERSIZE Letter LANDSCAPE? T FOLIOINFO (ERISIC "-" "-"))
(0 0 612 792)
((FOLIO NIL
  (PARALOOKS (QUAD CENTERED)
  CHARLOOKS
  (SUPERSCRIP 0 INVISIBLE OFF SELECTPOINT OFF
  PROTECTED OFF SIZE 6 FAMILY OPTIMA OVERLINE
  OFF STRIKEOUT OFF UNDERLINE OFF EXPANSION
  REGULAR SLOPE ITALIC WEIGHT BOLD INVERTED OFF
  USERINFO NIL STYLE NIL)
  FORMATINFO
  (ARABIC "-" "-")
  (108 36 288 36)
  NIL)
  (TEXT NIL NIL (36 36 210 540)
  NIL)
  (TEXT NIL NIL (258 36 210 540)
  NIL])

```

(TOP10.INIT)

(PUTPROPS **FORMATTINGFNS FILETYPE** CL:COMPILE-FILE)

(PUTPROPS **FORMATTINGFNS COPYRIGHT** ("Xerox Corporation" 1987 1988))

FUNCTION INDEX

CALL.1DIAGRAM	3	SPELLING-CORRECT	10	TOP10-PRINT-STYLES	7
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