


```

NN      NN  DDDDDDDD  XX      XX  CCCCCCCC  LL      IIIIII
NN      NN  DDDDDDDD  XX      XX  CCCCCCCC  LL      IIIIII
NN      NN  DD        DD  XX      XX  CC        LL      II
NN      NN  DD        DD  XX      XX  CC        LL      II
NNNN    NN  DD        DD  Xx     Xx  CC        LL      II
NNNN    NN  DD        DD  Xv     Xx  CC        LL      II
NN  NN   NN  DD        DD          XX  CC        LL      II
NN  NN   NN  DD        DD          XX  CC        LL      II
NN      NNNN DD        DD  XX     XX  CC        LL      II
NK      NNNN DD        DD  XX     XX  CC        LL      II
NN      NN  DD        DD  XX     XX  CC        LL      II
NN      NN  DD        DD  XX     XX  CC        LL      II
NN      NN  DDDDDDDD  XX     XX  CCCCCCCC  LLLLLLLLLL  IIIIII
NN      NN  DDDDDDDD  XX     XX  CCCCCCCC  LLLLLLLLLL  IIIIII

```

```

RRRRRRR  EEEEEEEEE  QQQQQQ
RRRRRRR  EEEEEEEEE  QQQQQQ
RR      RR  EE        QQ      QQ
RR      RR  EE        QQ      QQ
RR      RR  EE        QQ      QQ
RR      RR  EE        QQ      QQ
RRRRRRR  EEEEEEEEE  QQ      QQ
RRRRRRR  EEEEEEEEE  QQ      QQ
RR  RR   EE        QQ  QQ  QQ
RR  RR   EE        QQ  QQ  QQ
RR      RR  EE        QQ      QQ
RR      RR  EE        QQ      QQ
RR      RR  EEEEEEEEE  QQQQ  QQ
RR      RR  EEEEEEEEE  QQQQ  QQ

```

IDENT = 0V04-00004

```

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**
FACILITY:
  DSR (Digital Standard RUNOFF) /DSRPLUS DSRINDEX/INDEX Utility

ABSTRACT:   INDEX command line definitions

ENVIRONMENT: Transportable

AUTHOR:     JPK

CREATION DATE: January 1982

MODIFIED BY:

  004      JPK00015      04-Feb-1983
           Cleaned up module names, modified revision history to
           conform with established standards. Updated copyright dates.

  003      JPK00011      24-Jan-1983
           Changed CMDBLK [NDX$G_LEVEL] to CMDBLK [NDX$H_LEVEL]
           Changed CMDBLK [NDX$H_FORMAT] to CMDBLK [NDX$H_LAYOUT]
           Changed CMDBLK [NDX$V_TMS11] and CMDBLK [NDX$V_TEX] to CMDBLK [NDX$H_FORMAT]
           Changed comparisons of (.CHRSIZ EQLA CHRSZA) to
           (.CMDBLK [NDX$H_FORMAT] EQL TMS11 A).
           Definitions were changed in NDXCLI and references to the
           effected fields were changed in NDXPAG, NDXFMT, INDEX, NDXVMS
           and NDXCLIDMP.

  002      RER00002      20-Jan-1983
           Modified VMS command line interface module NDXVMS:

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- changed /FORMAT qualifier to /LAYOUT.
- changed use of /RESERVE and /REQUIRE for DSRPLUS.
- added code for new DSRPLUS qualifiers /FORMAT and /TELLTALE HEADINGS.

Added fields to NDXCLI for new qualifiers: NDX\$V_TELLTALE
and NDX\$V_TEX.
Conditionalized output of NDX\$V PAGE MERGE in NDXCLIDMP to
account for different DSR and DSRPLUS default values.

```

NDXCMD_FIELDS
FIELD ndxcmd_fields =
SET
  NDXSV_OPTIONS      = [$INTEGER],      ! Command option indicators:
  $OVERLAY (NDXSV_OPTIONS)
  NDXSV_INPUT_CONCAT = [$BIT],          ! Input file concatenated to previous
  NDXSV_OUTPUT        = [$BIT],          ! Generate output file
  NDXSV_REQUIRE       = [$BIT],          ! Require file specified
  NDXSV_PAGES         = [$BIT],          ! Include page references in index
  NDXSV_OVERRIDE      = [$BIT],          ! Override master index information
  NDXSV_STANDARD_PAGE = [$BIT],          ! Generate standard page numbers
  NDXSV_CONTINUATION  = [$BIT],          ! Generate continuation headings
  NDXSV_GUIDE         = [$BIT],          ! Generate guide headings
  NDXSV_WORD_SORT     = [$BIT],          ! Sort entries word by word
  NDXSV_LOG           = [$BIT],          ! Generate /LOG message
  NDXSV_MASTER        = [$BIT],          ! Generate a master index
  NDXSV_PAGE_MERGE    = [$BIT],          ! Merge adjacent page references
  NDXSV_TELLTALE     = [$BIT],          ! Generate telltale headings

  $CONTINUE
  NDXSH_FORMAT        = [$SHORT_INTEGER], ! Output format: DSR, TMS, TEX
  NDXSH_LAYOUT        = [$SHORT_INTEGER], ! Output layout type
  NDXSH_NONALPHA      = [$SHORT_INTEGER], ! Treatment of leading nonalphas during sort
  NDXSH_LEVEL         = [$SHORT_INTEGER], ! Deepest level to include in index
  NDXSG_COLUMN_WID    = [$INTEGER],       ! Column width
  NDXSG_GUTTER_WID    = [$INTEGER],       ! Gutter width
  NDXSG_LINES_PAGE    = [$INTEGER],       ! Lines per page
  NDXSG_RESERVE_LINES = [$INTEGER],       ! Number of lines to reserve when requiring a file
  NDXSG_SEPARATE_WIDTH = [$INTEGER],       ! Width of reference portion of entry
  NDXST_MASTER_BOOK   = [$DESCRIPTOR(DYNAMIC)], ! Book name descriptor for Master indexing
  NDXST_INPUT_FILE    = [$DESCRIPTOR(DYNAMIC)], ! Input file name descriptor
  NDXST_OUTPUT_FILE   = [$DESCRIPTOR(DYNAMIC)], ! Output file name descriptor
  NDXST_REQUIRE_FILE  = [$DESCRIPTOR(DYNAMIC)], ! Require file name descriptor
  NDXST_RELATED_FILE  = [$DESCRIPTOR(DYNAMIC)], ! Related file name descriptor is saved here
  NDXST_COMMAND_LINE  = [$DESCRIPTOR(DYNAMIC)], ! Copy of entire command line
  by NDXINP for later us by MAKNDX

  TES;
End of NDXCMD_FIELDS

LITERAL
ND^CMD$K_LENGTH = $FIELD_SET_SIZE;

MACRO
$NDXCMD = BLOCK [NDXCMD$K_LENGTH] FIELD (NDXCMD_FIELDS) %;

$LITERAL
DSR          = $DISTINCT,      ! Output formats (NDXSH_FORMAT)
              ! Runoff

```


CONVRT
REQ

ECC
REQ

DIGIT
REQ

DMDEFS
REQ

DSRLIB
REQ

FLIRCHARS
REQ

ECC
REQ

FLIPRECS
REQ

FFDEFS
REQ

FLGT
REQ

FLIRCHARS
REQ

FLIPRECS
REQ

FLIPRECS
REQ

FOOFIL
REQ

FOOREC
REQ

FLIRCHARS
REQ

FNCT
REQ

FNCT
REQ

FOOFIL
REQ

FOOREC
REQ

FRMSTK
REQ

FRMSTK
REQ

GCA
REQ

FRMSTK
REQ

FRMSTK
REQ

GETQSC
REQ

GNCC
REQ

GSLUCC
REQ

HCT
REQ

HLC
REQ

IFSTK
REQ

IFSTK
REQ

INDEX
REQ

IRAC
REQ

KC
REQ

FRMSTK
REQ

KWITEM
REQ

KWITEM
REQ

LETTER
REQ

LDEFS
REQ

FRMSTK
REQ

LSTOPS
REQ

MAXIMA
REQ

LETTER
REQ

MSG
REQ

LDEFS
REQ

MSGTXT
REQ

FRMSTK
REQ

NDXCLT
REQ

NDXCLT
REQ

NDXLIN
REQ

NDXPOL
REQ

NDXCLT
REQ

FRMSTK
REQ

NDXRTY
REQ

NDXRTY
REQ

NDXLIN
REQ

NDXPOL
REQ

NBITS
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FRMSTK
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NDXXPL
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NDXXPL
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NDXLIN
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NDXPOL
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OUTOPT
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