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| CCCCCCCCCCCC | LLLLLLLLLLLLLLLL | DDDDDDDDDD | |
| CCCCCCCCCCCC | LLLLLLLLLLLLLLLL | DDDDDDDDDD | |
| CCCCCCCCCCCC | LLLLLLLLLLLLLLLL | DDDDDDDDDD | |

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MM      MM      000000      UU      UU      NN      NN      TTTTTTTTTT
MMMM    MMMM    00      00      UU      UU      NN      NN      TT
MMMM    MMMM    00      00      UU      UU      NN      NN      TT
MM  MM  MM      00      00      UU      UU      NNNN     NN      TT
MM  MM  MM      00      00      UU      UU      NNNN     NN      TT
MM      MM      00      00      UU      UU      NN      NN      TT
MM      MM      00      00      UU      UU      NN      NN      TT
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MM      MM      00      00      UU      UU      NN      NN      TT
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CCCCCCCC  LL      DDDDDDDD
CCCCCCCC  LL      DDDDDDDD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CC         LL      DD      DD
CCCCCCCC  LLLLLLLLLL  DDDDDDDD
CCCCCCCC  LLLLLLLLLL  DDDDDDDD
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Version: 'V04-000'

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|---------|---|-------------------|-------------|
| V03-007 | DAS0002 | David Solomon | 09-Jul-1984 |
| | Add /[NO]REBUILD. | | |
| V03-006 | HH0028 | Hai Huang | 27-Jun-1984 |
| | Make appropriate qualifiers negatable. | | |
| V03-005 | HH0004 | Hai Huang | 09-Mar-1984 |
| | Add /CLUSTER qualifier. | | |
| V03-004 | WMC0001 | Wayne Cardoza | 16-Jan-1984 |
| | Remove all journaling keywords. | | |
| V03-003 | DAS0001 | David Solomon | 29-Nov-1983 |
| | Add RECORD_SIZE keyword for /JOURNAL qualifier. | | |
| V03-002 | MCN0138 | Maria del C. Nasr | 12-Jul-1983 |
| | Make changes for new CLI interface. Take out prefix clause, which is no longer needed. Add disallow clauses for qualifiers that cannot go together. | | |
| V03-001 | MMD0056 | Meg Dumont | 28-Mar-1983 |
| | Changed /OVERRIDE to inc OWNER_IDENTIFIER, added /AUTO and /INIT | | |

```

define type cache_options
  keyword extent,          value(required,type=$number),negatable
  keyword file_id,        value(required,type=$number),negatable
  keyword limit,          value(required,type=$number)
  keyword quota,          value(required,type=$number),negatable
  keyword writethrough

define type datacheck_options
  keyword read
  keyword write

define type initialize_options
  keyword all
  keyword continuation

! **JNL** define type journal_options
! **JNL** keyword newfile
! **JNL** keyword size,          value(required,type=$number)
! **JNL** keyword extension,    value(required,type=$number)
! **JNL** keyword quota,        value(required,type=$number)
! **JNL** keyword RECORD_SIZE,  value(required,type=$number)

define type mount_overrides
  keyword accessibility
  keyword expiration
  keyword identification, syntax=mount_wo_label
  keyword setid
  keyword lock
  keyword owner_identifier

```

```

define type protection
  keyword system,value
  keyword group,value
  keyword owner,value
  keyword world,value

define syntax mount wo_label
  parameter p1,prompt="Device",value(required,list,type=$device),label=devices
  parameter p2,prompt="Label",value(list),label=volumes
  parameter p3,prompt="Log name",value(type=$outlog),label=lognames
  disallow (<mount>foreign or <mount>nolabel) and (<mount>accessed or
    <mount>automatic or
    <mount>bind or
    <mount>cache or
    <mount>extension or
    <mount>hdr3 or
    <mount>initialize or
    <mount>label or
    <mount>processor or
    <mount>quota or
    <mount>rebuild or
    <mount>windows)
  disallow (<mount>group or <mount>system) and <mount>share
  disallow <mount>system and <mount>group

define verb mount
  image vmount
  parameter p1,prompt="Device",value(required,list,type=$device),label=devices
  parameter p2,prompt="Label",value(required,list),label=volumes
  parameter p3,prompt="Log name",value(type=$outlog),label=lognames
  qualifier accessed,      value(required,type=$number)
  qualifier assist         default
  qualifier automatic      default
  qualifier bind,          value(required)
  qualifier blocksize,     value(required,type=$number)
  qualifier cache,         value(required,list,type=cache_options)
  qualifier cluster
  qualifier comment,       value(required)
  qualifier data_check,    value(list,type=datacheck_options)
  qualifier density,       value(required,type=$number)
  qualifier extension,     value(required,type=$number)
  qualifier foreign,       syntax=mount_wo_label,nonnegatable
  qualifier group
  qualifier hdr3,          default
  qualifier initialize     value(required,type=initialize_options)
  **JNL** qualifier journal value(list,type=journal_options)

  Due to some constraints in DCL and CLI parsing, the NOLABEL qualifier must
  be defined explicitly in this CLD, and cannot be specified as the negation
  of LABEL. In that way we can use a different syntax for each one, and
  also take advantage of the disallow clause.

  qualifier label,         default,nonnegatable
  qualifier nolabel,       nonnegatable,syntax=mount_wo_label
  qualifier message        default

```



```
qualifier mount_verification    default
qualifier override              value(required,list,type=mount_overrides)
qualifier owner_uic             value(required,type=$uic)
qualifier processor             value(required)
qualifier protection            value(required,list,type=protection)
qualifier quota                 default
qualifier rebuild               default
qualifier recordsize            value(required,type=$number)
qualifier share
qualifier system
qualifier unload                default
qualifier windows               value(required,type=$number)
qualifier write                 default
disallow (group or system) and share
disallow label and nlabel
disallow system and group
```

The following qualifiers have been commented out, since they were never implemented. They are not being coded with the new CLI interface, but are included here for historical purposes.

```
qualifier drive,                value(required),
                                placement=positional
qualifier ebcdic,               value(required,list)
qualifier interchange
qualifier user,                 value(required,type=$uic)
qualifier visual,               value(required)
```


| | | | | | | | | |
|------------------|------------------|-----------------|------------------|------------------|----------------|-----------------|------------------|---------------|
| BACKUP CLD | DCLTABLES CLD | DISMOUNT CLD | ENCRYPT CLD | LIBRARIAN CLD | MCRINT CLD | REPLY CLD | SET CLD | |
| CLD | CREATE CLD | DEF CLD | DNO CLD | LIBRARIAN CLD | MCRINT CLD | PASCAL CLD | RUN CLD | |
| DCLTABLES MAP | ACC CLD | BAD CLD | DCLINT CLD | DELETE CLD | DUMP CLD | EXCHANGE CLD | MORTABLES CLD | PATCH CLD |
| CHECKSUM CLD | ANALYZE CLD | CLISYMI CLD | DIFF CLD | EDIT CLD | FORTRAN CLD | LINK CLD | MESSAGE CLD | PHONE CLD |
| PSECTS R32 | MORTABLES MAP | CONVERT CLD | DIRECTORY CLD | HELP CLD | MACRO CLD | MONITOR CLD | RECOVER CLD | RUNOFF CLD |
| JNLUSR MAR | COPY CLD | EDT CLD | INIT CLD | MOUNT CLD | RENAME CLD | SDL CLD | SEARCH CLD | |