

EEEEEEEEEEEEEEEE	XXX	XXX	CCCCCCCCCCCC	HHH	HHH	NNN	NNN	GGGGGGGGGG
EEEEEEEEEEEEEEEE	XXX	XXX	CCCCCCCCCCCC	HHH	HHH	NNN	NNN	GGGGGGGGGG
EEEEEEEEEEEEEEEE	XXX	XXX	CCCCCCCCCCCC	HHH	HHH	NNN	NNN	GGGGGGGGGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEE	XXX	XXX	CCC	HHH	HHH	NNN	NNN	GGG
EEEEEEEEEEEEEEEE	XXX	XXX	CCCCCCCCCCCC	HHH	HHH	NNN	NNN	GGGGGGGG
EEEEEEEEEEEEEEEE	XXX	XXX	CCCCCCCCCCCC	HHH	HHH	NNN	NNN	GGGGGGGG
EEEEEEEEEEEEEEEE	XXX	XXX	CCCCCCCCCCCC	HHH	HHH	NNN	NNN	GGGGGGGG

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EEEEEEEEEE XX XX CCCCCCCC CCCCCCCC LL DDDDDDDD TTTTTTTTTT BBBB8888 LL
EEEEEEEEEE XX XX CCCCCCCC CCCCCCCC LL DDDDDDDD TTTTTTTTTT BBBB8888 LL
EE XX XX CC CCCCCCCC CC LL DD DD TT BBBB8888 LL
EE XX XX CC CCCCCCCC CC LL DD DD TT BBBB8888 LL
EE XX XX CC CCCCCCCC CC LL DD DD TT BBBB8888 LL
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EEEEEEEEEE XX XX CCCCCCCC CCCCCCCC LLLLLLLLLL DDDDDDDD TTT TTT BBBB8888 LL
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LL I11111 SSSSSSSS
LL I11111 SSSSSSSS
LL II SS
LL II SS
LL II SS
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LL II SSSSSS
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LLLLLLLLLL I11111 SSSSSSSS
LLLLLLLLLL I11111 SSSSSSSS

```



```
1  MODULE  exch$cld_table
2
3
4  |  Version:  'V04-000'
5  |
6  |  *****
7  |  *
8  |  *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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24 |  *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
25 |  *
26 |  *
27 |  *****
28
29 |  ++
30 |  FACILITY:  EXCHANGE - Foreign volume interchange facility
31
32 |  ABSTRACT:  Internal DCL command definition tables
33
34 |  ENVIRONMENT:  VAX/VMS User mode
35
36 |  AUTHOR:  CW Hobbs          CREATION DATE: 17-July-1982
37
38 |  MODIFIED BY:
39
40 |  V03-003  CWH3003          CW Hobbs          12-Apr-1984
41 |           Add dummy P2 for COPY /BOOT
42
43 |  V03-002  CWH3002          CW Hobbs          10-Sep-1983
44 |           Add missing "PLACEMENT=LOCAL" to /VOLUME for MOUNT
45
46 |  --
47
```

```
49 ! Types are non-negatable by default
50
51
52 DEFINE TYPE data_check_type
53
54     KEYWORD read           NEGATABLE
55     KEYWORD write         NEGATABLE, DEFAULT
56
57
58 DEFINE TYPE density_type
59
60     KEYWORD 800
61     KEYWORD 1600
62     KEYWORD 6250
63
64
65 DEFINE TYPE carriage_control_type
66
67     KEYWORD carriage_return DEFAULT
68     KEYWORD fortran
69     KEYWORD none
70
71
72 DEFINE TYPE record_format_type
73
74     KEYWORD binary
75     KEYWORD fixed          VALUE (DEFAULT=512,TYPE=$NUMBER)
76     KEYWORD pad            VALUE (DEFAULT=0)
77     KEYWORD stream
78     KEYWORD variable
79
80
81 !\ DEFINE TYPE retain_type
82 !\
83 !\     KEYWORD retain
84
85
86 DEFINE TYPE transfer_mode_type
87
88     KEYWORD automatic      DEFAULT
89     KEYWORD block
90     KEYWORD record
91
92
93 DEFINE TYPE volume_format_type
94
95     KEYWORD dos11
96     KEYWORD files11
97     KEYWORD rt11
```



```
99 DEFINE SYNTAX boot_copy
100
101 ROUTINE exch$rtnam_copy_boot
102
103 PARAMETER P1 LABEL=input
104 PROMPT='Monitor file'
105 VALUE (REQUIRED, TYPE=$INFILE)
106
107 PARAMETER P2 LABEL=output ! Dummy, only here so that normal RT-11 syntax is allowed
108 VALUE (TYPE=$OUTFILE)
109
110 QUALIFIER boot NONNEGATABLE
111 VALUE
112 QUALIFIER log
113 QUALIFIER volume_format NONNEGATABLE
114 VALUE (REQUIRED, TYPE=volume_format_type)
115 PLACEMENT=LOCAL
116
117 DEFINE VERB copy
118
119 ROUTINE exch$copy_copy
120
121 PARAMETER P1 LABEL=input
122 PROMPT='Input file(s)'
123 VALUE (REQUIRED, LIST, TYPE=$INFILE)
124
125 PARAMETER P2 LABEL=output
126 PROMPT='Output file'
127 VALUE (REQUIRED, TYPE=$OUTFILE)
128
129 QUALIFIER allocation NONNEGATABLE
130 VALUE (REQUIRED, TYPE=$NUMBER)
131 PLACEMENT=POSITIONAL
132 QUALIFIER best_try_contiguous
133 NONNEGATABLE
134 PLACEMENT=POSITIONAL
135 QUALIFIER boot NONNEGATABLE
136 SYNTAX=boot_copy
137 QUALIFIER carriage_control
138 DEFAULT
139 VALUE (TYPE=carriage_control_type)
140 PLACEMENT=LOCAL
141 !\ QUALIFIER confirm
142 QUALIFIER contiguous PLACEMENT=POSITIONAL
143 QUALIFIER delete DEFAULT
144 QUALIFIER extension NONNEGATABLE
145 VALUE (REQUIRED, TYPE=$NUMBER)
146 PLACEMENT=POSITIONAL
147 !\ QUALIFIER fdl NONNEGATABLE
148 !\ VALUE (REQUIRED, TYPE=$INFILE)
149 !\ PLACEMENT=POSITIONAL
150
151 QUALIFIER log
152 QUALIFIER protect
153 QUALIFIER record_format NONNEGATABLE
154 VALUE (REQUIRED, LIST, TYPE=record_format_type)
```

```
155          PLACEMENT=LOCAL
156 QUALIFIER replace
157 QUALIFIER rewind          DEFAULT
158          PLACEMENT=POSITIONAL
159 QUALIFIER start_block    NONNEGATABLE
160          VALUE (REQUIRED, TYPE=$NUMBER)
161 QUALIFIER system
162 QUALIFIER transfer_mode  NONNEGATABLE
163          VALUE (REQUIRED, TYPE=transfer_mode_type)
164          PLACEMENT=LOCAL
165 QUALIFIER truncate       PLACEMENT=POSITIONAL
166 QUALIFIER volume_format  NONNEGATABLE
167          VALUE (REQUIRED, TYPE=volume_format_type)
168          PLACEMENT=LOCAL
169
170 DEFINE VERB delete
171
172 ROUTINE exch$rtnam_delete
173
174 PARAMETER P1 LABEL=input
175          PROMPT='Filename(s)''
176          VALUE (REQUIRED, LIST, TYPE=$INFILE)
177
178 !\ QUALIFIER confirm
179 QUALIFIER log
180 QUALIFIER system
181 QUALIFIER volume_format  NONNEGATABLE
182          VALUE (REQUIRED, TYPE=volume_format_type)
183          PLACEMENT=LOCAL
184
185
186 DEFINE VERB directory
187
188 ROUTINE exch$dire_directory
189
190 PARAMETER P1 LABEL=filename
191          VALUE (LIST, TYPE=$INFILE, DEFAULT=SYSSDISK)
192
193 !\ QUALIFIER all
194 QUALIFIER badblocks      NONNEGATABLE
195 QUALIFIER blocks
196 QUALIFIER brief
197 QUALIFIER columns
198          DEFAULT
199          NONNEGATABLE
200          VALUE (DEFAULT=0, TYPE=$NUMBER)
201 QUALIFIER date           DEFAULT
202 QUALIFIER deleted
203 QUALIFIER free
204 QUALIFIER full
205 QUALIFIER octal
206 QUALIFIER output        VALUE (REQUIRED, TYPE=$OUTFILE)
207 QUALIFIER owner
208 QUALIFIER printer
209 QUALIFIER size           DEFAULT
210 QUALIFIER summary
```





```
267 QUALIFIER extra_words VALUE (REQUIRED, TYPE=$NUMBER)
268 QUALIFIER message
269 !\ QUALIFIER replace VALUE (TYPE=retain_type)
270 QUALIFIER segments NONNEGATABLE
271 VALUE (REQUIRED, TYPE=$NUMBER)
272 QUALIFIER volume_format NONNEGATABLE
273 VALUE (REQUIRED, TYPE=volume_format_type)
274 PLACEMENT=LOCAL
275
276
277 DEFINE SYNTAX virtual_mount
278
279 PARAMETER P1 LABEL=devicename
280 PROMPT='Virtual device'
281 VALUE (REQUIRED, TYPE=$INFILE)
282
283 PARAMETER P2 LABEL=filename
284 PROMPT='Filename'
285 VALUE (REQUIRED, TYPE=$INFILE)
286
287
288 DEFINE VERB mount
289
290 ROUTINE exch$moun_mount
291
292 PARAMETER P1 LABEL=devicename
293 PROMPT='Device'
294 VALUE (REQUIRED, TYPE=$INFILE)
295
296 QUALIFIER data_check VALUE (LIST, TYPE=data_check_type)
297 QUALIFIER foreign DEFAULT
298 QUALIFIER message
299 QUALIFIER virtual NONNEGATABLE
300 SYNTAX=virtual_mount
301 QUALIFIER volume_format NONNEGATABLE
302 VALUE (REQUIRED, TYPE=volume_format_type) ! only 1 parm, no placement
303 PLACEMENT=LOCAL
304 QUALIFIER write DEFAULT
305
306
307 DEFINE VERB rename
308
309 ROUTINE exch$rtnam_rename
310
311 PARAMETER P1 LABEL=input
312 PROMPT='From'
313 VALUE (REQUIRED, TYPE=$INFILE)
314
315 PARAMETER P2 LABEL=output
316 PROMPT='To'
317 VALUE (REQUIRED, TYPE=$OUTFILE)
318
319 !\ QUALIFIER confirm
320 QUALIFIER log
321 QUALIFIER protect
322 QUALIFIER system
```



```
323 QUALIFIER volume_format NONNEGATABLE
324 VALUE (REQUIRED, TYPE=volume_format_type)
325 PLACEMENT=LOCAL
326
327
328 DEFINE VERB show
329
330 ROUTINE exch$show_show
331
332
333 !\DEFINE VERB squeeze
334 !\
335 !\ ROUTINE exch$sque_squeeze
336 !\
337 !\ PARAMETER P1 LABEL=device_name
338 !\ PROMPT="Device"
339 !\ VALUE (REQUIRED, TYPE=$OUTFILE)
340 !\
341 !\ PARAMETER P2 LABEL=output_device
342 !\ PROMPT="Output device"
343 !\ VALUE (TYPE=$OUTFILE)
344 !\
345 !\ QUALIFIER volume_format NONNEGATABLE
346 !\ VALUE (REQUIRED, TYPE=volume_format_type)
347 !\ PLACEMENT=LOCAL
348 !\
349
350 DEFINE VERB type
351
352 ROUTINE exch$copy_type
353
354 PARAMETER P1 LABEL=input
355 PROMPT="Filename(s)"
356 VALUE (REQUIRED, LIST, TYPE=$INFILE)
357
358 !\
359 !\ QUALIFIER confirm
360 !\ QUALIFIER log
361 !\ QUALIFIER record_format NONNEGATABLE
362 !\ VALUE (REQUIRED, LIST, TYPE=record_format_type)
363 !\ PLACEMENT=LOCAL
364 !\ QUALIFIER rewind DEFAULT
365 !\ PLACEMENT=POSITIONAL
366 !\ QUALIFIER volume_format NONNEGATABLE
367 !\ VALUE (REQUIRED, TYPE=volume_format_type)
368 !\ PLACEMENT=LOCAL
```

\$ SET COMMAND/OBJECT=OBJ\$:EXCCLDTBL/LISTING=LISS\$:EXCCLDTBL MSRC\$:EXCCLDTBL



MAILCUT  
COM

SYSGTTSTR  
MSG

USSLNK  
COM

EXCDEF5  
SDL

EXCLIB  
B32

EXCREQ  
R32

EXCCOPY  
LIS

MAILUAF  
COM

USSTLNK  
COM

EXCHNG

EXCLDTBL  
LIS

XATEST  
COM

EXCHANGE  
MAP

EXCCMD  
LIS

LABIO  
OPT

MSCPMOUNT  
COM

LABIOCIN  
OPT

DRCOPY  
PRM