

DLDDDDDDDDDD	DDDDDDDDDD	EEEEEEEEEEEEEEEE	LLL	EEEEEEEEEEEEEEEE	TTTTTTTTTTTTTTTT	EEEEEEEEEEEEEEEE
DDDDDDDDDDDD	DDDDDDDDDD	EEEEEEEEEEEEEEEE	LLL	EEEEEEEEEEEEEEEE	TTTTTTTTTTTTTTTT	EEEEEEEEEEEEEEEE
DDDDDDDDDDDD	DDDDDDDDDD	EEEEEEEEEEEEEEEE	LLL	EEEEEEEEEEEEEEEE	TTTTTTTTTTTTTTTT	EEEEEEEEEEEEEEEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDD	DDD	EEE	LLL	EEE	TTT	EEE
DDDDDDDDDDDD	DDDDDDDDDD	EEEEEEEEEEEEEEEE	LLLLLLLLLLLLLLLL	EEEEEEEEEEEEEEEE	TTT	EEEEEEEEEEEEEEEE
DDDDDDDDDDDD	DDDDDDDDDD	EEEEEEEEEEEEEEEE	LLLLLLLLLLLLLLLL	EEEEEEEEEEEEEEEE	TTT	EEEEEEEEEEEEEEEE
DDDDDDDDDDDD	DDDDDDDDDD	EEEEEEEEEEEEEEEE	LLLLLLLLLLLLLLLL	EEEEEEEEEEEEEEEE	TTT	EEEEEEEEEEEEEEEE

```

PPPPPPPP  UU      UU  RRRRRRRR  GGGGGGGG  EEEEEEEEE
PPPPPPPP  UU      UU  RRRRRRRR  GGGGGGGG  EEEEEEEEE
PP          PP    UU      UU  RR        RR  GG          EE
PP          PP    UU      UU  RR        RR  GG          EE
PP          PP    UU      UU  RR        RR  GG          EE
PP          PP    UU      UU  RR        RR  GG          EE
PPPPPPPP  UU      UU  RRRRRRRR  GGGGGGGG  EEEEEEEEE
PPPPPPPP  UU      UU  RRRRRRRR  GGGGGGGG  EEEEEEEEE
PP          UU      UU  RR  RR      GG  GGGGGG      EE
PP          UU      UU  RR  RR      GG  GGGGGG      EE
PP          UU      UU  RR        RR  GG          EE
PP          UU      UU  RR        RR  GG          EE
PP          UU      UU  RR        RR  GG          EE
PP          UU      UU  RR        RR  GG          EE
UUUUUUUU  UU      UU  RR        RR  GG          EE
UUUUUUUU  UU      UU  RR        RR  GG          EE

```

```

...
...
...
...

```

```

LL          IIIIII  SSSSSSSS
LL          IIIIII  SSSSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SSSSSS
LL          II      SSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLL IIIIII  SSSSSSSS

```

```

1 0001 0 MODULE purge (
2 0002 0 IDENT = 'V04-000' ; Purge directory program
3 0003 0 ADDRESSING_MODE(EXTERNAL=GENERAL)
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1
8 0008 1 *****
9 0009 1 *
10 0010 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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26 0026 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
27 0027 1 *
28 0028 1 *
29 0029 1 *****
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: PURGE Command
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 This utility purges a directory, basically removing
37 0037 1 old versions of a specified group of files.
38 0038 1
39 0039 1 ENVIRONMENT:
40 0040 1
41 0041 1 VAX/VMS operating system. unprivileged user mode,
42 0042 1
43 0043 1 AUTHOR: Tim Halvorsen, CREATION DATE: Oct-1979
44 0044 1
45 0045 1 Modified by:
46 0046 1
47 0047 1 V03-007 SHZ0009 Stephen H. Zalewski, 15-Mar-1984
48 0048 1 Modify PURGE algorithm to make sticky searchlists work.
49 0049 1
50 0050 1 V03-006 SHZ0008 Stephen H. Zalewski, 21-Feb-1984
51 0051 1 Add support for sticky searchlists.
52 0052 1
53 0053 1 V03-005 SHZ0007 Stephen H. Zalewski, 27-Dec-1983
54 0054 1 Do defaulting of file name and type in module PURGE_FILES.
55 0055 1 Add performance enhancement that cuts down on the number
56 0056 1 of RMS $OPEN's and $CLOSE's that must be done to purge
57 0057 1 a file.

```

58 0058 1  
59 0059 1  
60 0060 1  
61 0061 1  
62 0062 1  
63 0063 1  
64 0064 1  
65 0065 1  
66 0066 1  
67 0067 1  
68 0068 1  
69 0069 1  
70 0070 1  
71 0071 1  
72 0072 1  
73 0073 1  
74 0074 1  
75 0075 1  
76 0076 1  
77 0077 1  
78 0078 1  
79 0079 1  
80 0080 1  
81 0081 1  
82 0082 1  
83 0083 1  
84 0084 1 --

V03-004 SHZ0006 Stephen H. Zalewski 25-Feb-1983  
If PURGE command was issued on ODS-2 disk, do not cache the  
filenames before attempting to delete the files.

V03-003 SHZ0005 Stephen H. Zalewski, 4-Nov-1982 15:42  
Modify PURGE to use common command qualifier package.

V03-002 SHZ0004 Stephen H. Zalewski, 26-Aug-1982 22:19  
Fix bug in SHZ0003 that caused PURGE to ACCVIO if you purged  
an empty directory. Also fixed bug that caused 'No files  
purged' message to be printed even when files were purged.

Fix bug introduced in SHZ0003 that prevented dangling directory  
entries from being deleted if the PURGE comand was issued  
with /LOG qualifier.

Finally, if a file is opened because of /SINCE, /BEFORE or  
/LOG qualifiers being present, leave it open until we actually  
delete it to optimize the number of FAL jobs necessary to do  
the job in case we are doing this over the net.

V03-001 SHZ0003 Stephen H. Zalewski, 10-Aug-1982 21:24  
Clean up error handling. Modified routines to use new CLI.  
Made PURGE/LOG also display size of file purged.

```

: 86      0085 1 LIBRARY 'SYSS$LIBRARY:STARLET.L32';           ! VAX/VMS common definitions
: 87      0086 1 REQUIRE 'SRC$:DELETE.REQ';                 ! Common DELETE definitions
: 88      0192 1
: 89      0193 1
: 90      0194 1 FORWARD ROUTINE
: 91      0195 1     purge_files,                          ! Main directory routine
: 92      0196 1     build_list : NOVALUE,                 ! Process each wildcard file for ods-1 disk
: 93      0197 1     purge_ods1_directory : NOVALUE,       ! Purge versions for a directory
: 94      0198 1     purge_ods2_files : NOVALUE,          ! Purge files for ODS-2 disk.
: 95      0199 1     purge_this_file : NOVALUE;          ! Routine to delete a file.
: 96      0200 1
: 97      0201 1
: 98      0202 1 EXTERNAL ROUTINE
: 99      0203 1     del$search_error : NOVALUE,          ! Report open/search error.
100      0204 1     del$file_error : NOVALUE,            ! Report RMS error messages
101      0205 1     lib$file_scan,                        ! Search wildcard specifications
102      0206 1     lib$set_erase,                        ! Mark file for erase-on-delete
103      0207 1     lib$cvt_dtb,                          ! Convert decimal string to binary
104      0208 1     lib$get_vm,                           ! Allocate dynamic storage
105      0209 1     lib$free_vm,                          ! Deallocate dynamic storage
106      0210 1     lib$qual_file_match;                  ! Check to see if file should be purged.
107      0211 1
108      0212 1
109      0213 1 EXTERNAL
110      0214 1     scan_context,
111      0215 1     del$cli_status : SBBLOCK,              ! CLI qualifier bitmap
112      0216 1     del$keepver_val,                       ! Number of versions to save
113      0217 1     del$files_deleted,                     ! Number of files purged
114      0218 1     del$file_size,                         ! Size of file being deleted
115      0219 1     del$blocks_deleted,                   ! Number of blocks released
116      0220 1     del$context,                           ! Context longword for common qualifier package.
117      0221 1     lib$quipro,                            ! Return status code from common qualifier package.
118      0222 1     lib$_filfaimat;                       ! Return status code from common qualifier package.
119      0223 1
120      0224 1
121      0225 1 GLOBAL
122      0226 1     version_list : INITIAL(0);             ! Address of linked list of versions
123      0227 1
124      0228 1 OWN
125      0229 1     versions : INITIAL(0);                ! Number of versions seen so far
126      0230 1     prev_name_len : INITIAL(0);           ! Length of previous name & type
127      0231 1     prev_name : VECTOR [nam$C_maxrss,BYTE], ! Buffer to hold previous name/type
128      0232 1     prev_dir_len : INITIAL(0);            ! Length of previous directory
129      0233 1     prev_dir : VECTOR [nam$C_maxrss,BYTE]; ! Buffer for previous directory
130      0234 1

```

```

132 0235 1 GLOBAL ROUTINE purge_files (fab_block) =
133 0236 1
134 0237 1 !+
135 0238 1 Functional description
136 0239 1
137 0240 1 This routine performs all the main processing of the
138 0241 1 PURGE command. The command line has already been parsed
139 0242 1 and the qualifier values saved.
140 0243 1
141 0244 1 Calling sequence
142 0245 1
143 0246 1 purge_files(fab) from the DELETE command mainline code
144 0247 1
145 0248 1 Input parameters
146 0249 1
147 0250 1 fab_block = Address of FAB with FNA, FNS filled in.
148 0251 1
149 0252 1 Output parameters
150 0253 1
151 0254 1 None
152 0255 1
153 0256 1 Routine value
154 0257 1
155 0258 1 Status.
156 0259 1 ----
157 0260 1
158 0261 2 BEGIN
159 0262 2
160 0263 2 MAP
161 0264 2 fab_block: REF $BBLOCK; ! Address of FAB block
162 0265 2
163 0266 2 BIND
164 0267 2 nam_block = .fab_block [fab$l_nam]: $BBLOCK; ! Address of NAM block
165 0268 2
166 0269 2 LOCAL
167 0270 2 status,
168 0271 2 devnam_desc : VECTOR[2],
169 0272 2 itmlst : VECTOR[4, LONG],
170 0273 2 buffer : INITIAL(0);
171 0274 2
172 0275 4 IF ((NOT .SBBLOCK[fab_block [fab$l_dev], dev$v_dir]) ! If not a directory device,
173 0276 3 AND (NOT .SBBLOCK[fab_block [fab$l_dev], dev$v_net])) ! and not a network device
174 0277 2 THEN
175 0278 2 RETURN false;
176 0279 2
177 0280 3 IF (NOT .SBBLOCK[fab_block [fab$l_dev], dev$v_net]) ! If not a network device
178 0281 2 THEN ! then check to see if
179 0282 2 BEGIN ! we are purging an ODS-2 disk.
180 0283 2 devnam_desc[0] = .nam_block[nam$b_dev];
181 0284 2 devnam_desc[1] = .nam_block[nam$l_dev];
182 0285 2 itmlst[0,16] = 4;
183 0286 2 itmlst[16,16] = dev$v_acptype;
184 0287 2 itmlst[1] = buffer;
185 0288 2 itmlst[2] = 0;
186 0289 2 itmlst[3] = 0;
187 P 0290 2 status = $GETDVIW (DEVNAM = devnam_desc,
188 0291 2 ITMLST = itmlst);

```

PURGE  
V04-000

```

: 189      0292 3   IF NOT .status
: 190      0293 3   THEN
: 191      0294 3   SIGNAL_STOP (.status);
: 192      0295 3   END;
: 193      0296 3
: 194      0297 2   IF .buffer EQL dvi$c_acp_f11v2
: 195      0298 2   THEN purge_ods2_files (.fab_block)
: 196      0299 2   ELSE build_list(.fab_block);
: 197      0300 2
: 198      0301 2 RETURN true;
: 199      0302 1 END;

```

```

: If this is an ODS-2 disk
: then use optimized purge routine
: else, use old one.

```

```

.TITLE PURGE
.IDENT \V04-000\

.PSECT $OWNS,NOEXE,2

00000000 00000 VERSIONS:
          .LONG 0
00000000 00004 PREV_NAME_LEN:
          .LONG 0
          00008 PREV_NAME:
          .BLKB 255
          00107 .BLKB 1
00000000 00108 PREV_DIR_LEN:
          .LONG 0
          0010C PREV_DIR:
          .BLKB 255

.PSECT $GLOBALS,NOEXE,2

00000000 00000 VERSION_LIST::
          .LONG 0

.EXTRN DEL$SEARCH_ERROR
.EXTRN DEL$FILE_ERROR, LIB$FILE_SCAN
.EXTRN LIB$SET_ERASE, LIB$CVT_DTB
.EXTRN LIB$GET_VM, LIB$FREE_VM
.EXTRN LIB$QUAL_FILE_MATCH
.EXTRN SCAN_CONTEXT, DEL$CLI_STATUS
.EXTRN DEL$KEEPVER_VAL
.EXTRN DEL$FILES_DELETED
.EXTRN DEL$FILE_SIZE, DEL$BLOCKS_DELETED
.EXTRN DEL$CONTEXT, LIB$QUIPRO
.EXTRN LIB$_FILFAMAT, SYS$GETDVIW

.PSECT $CODE$,NOWRT,2

          0004 00000
          SE    18 C2 00002
          52    04 AC D0 00005
          50    28 A2 D0 00009
          07    7E D4 0000D
          3F    03 E0 0000F
          40    05 E0 00014
          41    56 11 00019

          .ENTRY PURGE_FILES, Save R2
          .SUBL2 #24, SP
          .MOVL  FAB_BLOCK, R2
          .MOVL  40(R2), R0
          .CLRL  BUFFER
          .BBS   #3, 64(R2), 1$
          .BBS   #5, 65(R2), 2$
          .BRB   5$

: 0235
:
: 0267
:
: 0275
: 0276
: 0278

```

38	41	A2		05	E0	0001B	18:	BBS	#5, 65(R2), 28	:	0280
	14	AE	39	A0	9A	00020		MOVZBL	57(R0), DEVNAM_DESC	:	0283
	18	AE	44	A0	D0	00025		MOVL	68(R0), DEVNAM_DESC+4	:	0284
	04	AE	00420004	8F	D0	0002A		MOVL	#4325380, ITMLST	:	0285
	08	AE		6E	9E	00032		MOVAB	BUFFER, ITMLST+4	:	0287
								CLRQ	ITMLST+8	:	0288
			0C	7E	7C	00039		CLRQ	-(SP)	:	0291
				7E	7C	0003B		CLRQ	-(SP)	:	
			14	AE	9F	0003D		PUSHAB	ITMLST	:	
			28	AE	9F	00040		PUSHAB	DEVNAM_DESC	:	
				7E	7C	00043		CLRQ	-(SP)	:	
00000000G	00			08	FB	00045		CALLS	#8, SYSSGETDVIW	:	0292
	09			50	EB	0004C		BLBS	STATUS, 28	:	0294
00000000G	00			50	DD	0004F		PUSHL	STATUS	:	
	02			01	FB	00051		CALLS	#1, LIB\$STOP	:	0297
				6E	D1	00058	28:	CMPL	BUFFER, #2	:	
				09	12	0005B		BNEQ	38	:	0298
				52	DD	0005D		PUSHL	R2	:	
0000V	CF			01	FB	0005F		CALLS	#1, PURGE_ODS2_FILES	:	0299
				07	11	00064		BRB	48	:	
0000V	CF			52	DD	00066	38:	PUSHL	R2	:	0301
	50			01	FB	00068		CALLS	#1, BUILD_LIST	:	
				01	D0	0006D	48:	MOVL	#1, R0	:	0302
					04	00070		RET		:	
				50	D4	00071	58:	CLRL	R0	:	
					04	00073		RET		:	

; Routine Size: 116 bytes, Routine Base: \$CODE\$ + 0000

; 200 0303 1



```
202 0304 1 ROUTINE build_list (fab_block): NOVALUE =
203 0305 1
204 0306 1 ---
205 0307 1
206 0308 1 Functional description
207 0309 1
208 0310 1 This routine is called as an action routine from the directory wildcard
209 0311 1 searching process. It is given a FAB containing the full name
210 0312 1 of the file to be processed. It is used when purging an ods-1 disk to
211 0313 1 build the filenames into an ods-2 list.
212 0314 1
213 0315 1 Input parameters
214 0316 1
215 0317 1 fab_block = Address of FAB
216 0318 1
217 0319 1 Output parameters
218 0320 1
219 0321 1 None
220 0322 1
221 0323 1 ----
222 0324 1
223 0325 2 BEGIN
224 0326 2
225 0327 2 MAP
226 0328 2 fab_block: REF $BBLOCK; ! Address of FAB
227 0329 2
228 0330 2 BIND
229 0331 2 nam = .fab_block [fab$l_nam]: $BBLOCK; ! Address of NAM
230 0332 2
231 0333 2 LOCAL
232 0334 2 status, ! Status code
233 0335 2 dir_len, ! Length of device/directory
234 0336 2 version, ! Version number in binary form
235 0337 2 length, ! Length of new version entry
236 0338 2 entry: REF VECTOR, ! Address of new version entry
237 0339 2 prev: REF VECTOR, ! Address of previous entry scanned
238 0340 2 curr: REF VECTOR; ! Address of current entry scanned
239 0341 2
240 0342 2
241 0343 2 ! If we have reached a new directory, then peruse the linked
242 0344 2 list of versions and delete the all( but the # explicitly kept.
243 0345 2
244 0346 2
245 0347 2 dir_len = .nam [nam$b_node] + .nam [nam$b_dev] + .nam [nam$b_dir];
246 0348 2
247 0349 2 IF CH$NEQ( ! If new directory
248 0350 2 .prev_dir_len, prev_dir,
249 0351 2 .dir_len, .nam [nam$l_rsa], 0)
250 0352 2 THEN
251 0353 2 BEGIN
252 0354 2 CH$MOVE(.dir_len, .nam [nam$l_rsa], prev_dir);
253 0355 2 prev_dir_len = .dir_len;
254 0356 2 purge_ods1_directory(version_list); ! Delete old versions
255 0357 2 END;
256 0358 2
257 0359 2
258 0360 2 ! Convert the version string to binary form
```

```
259 0361 2 !
260 0362 2
261 0363 2 status = LIB$CVT_DTB(.nam [nam$b_ver]-1, ! Store version in binary
262 0364 2 .nam [nam$l_ver]+1,
263 0365 2 version);
264 0366 2 IF NOT .status ! If error converting value,
265 0367 2 THEN
266 0368 2 BEGIN
267 0369 2 SIGNAL(.status); ! signal the error
268 0370 2 RETURN;
269 0371 2 END;
270 0372 2
271 0373 2
272 0374 2 ! Add this version to the ordered linked list of files for this directory.
273 0375 2 ! This list is ordered first by file name & type in ascending order, and
274 0376 2 ! then by version in descending order (this is the same as ODS-2).
275 0377 2
276 0378 2
277 0379 2 length = 6*4 + .nam [nam$b_rsl]; ! Length of overhead plus filespec
278 0380 2 status = LIB$GET_VM(length,entry); ! Allocate storage for entry
279 0381 2 IF NOT .status ! If error allocating storage,
280 0382 2 THEN
281 0383 2 SIGNAL_STOP(.status); ! then signal the error
282 0384 2
283 0385 2 entry [1] = .nam [nam$b_name] + .nam [nam$b_type]; ! Length of name/type
284 0386 2 entry [2] = entry [6] ! Address of name/type
285 0387 2 + (.nam [nam$l_name] - .nam [nam$l_rsa]);
286 0388 2 entry [3] = .version; ! Store binary version number
287 0389 2 entry [4] = .nam [nam$b_rsl]; ! Store length of filespec
288 0390 2 entry [5] = entry [6]; ! and address of filespec
289 0391 2 CH$MOVE(.nam [nam$b_rsl], .nam [nam$l_rsa], entry [6]); ! Store full filespec
290 0392 2
291 0393 2 prev = version list; ! Address of previous entry
292 0394 2 curr = .prev [0]; ! Start at first entry
293 0395 2
294 0396 2 WHILE .curr NEQ 0 ! For each entry in list,
295 0397 2 DO
296 0398 2 BEGIN
297 0399 2 LOCAL comparison; ! -1 if less, 0 if equal, 1 if greater
298 0400 2 comparison = CH$COMPARE(.entry [1], .entry [2],
299 0401 2 .curr [1], .curr [2], 0); ! Compare new to old name/type
300 0402 2 IF .comparison LSS 0 ! If found place to insert entry,
301 0403 2 OR (.comparison EQL 0 ! (ascending order by name/type,
302 0404 2 AND .entry [3] GTRU .curr [3]) ! (then descending order by version)
303 0405 2 THEN
304 0406 2 EXITLOOP; ! then exit the loop
305 0407 2 prev = .curr; ! Save address of previous entry done
306 0408 2 curr = .curr [0]; ! and link to next in list
307 0409 2 END;
308 0410 2
309 0411 2 entry [0] = .prev [0]; ! Make new entry point to next in list
310 0412 2 prev [0] = .entry; ! Make previous entry point to new one
311 0413 2
312 0414 2 RETURN;
313 0415 2
314 0416 2 END;
```

				01FC 00000 BUILD_LIST:				
			58	0000'	CF 9E 00002	.WORD	Save R2,R3,R4,R5,R6,R7,R8	0304
			5E		OC C2 00007	MOVAB	PREV_DIR_LEN, R8	
			50	04	AC D0 0000A	SUBL2	#12, SP	0331
			57	28	A0 D0 0000E	MOVL	FAB BLOCK, R0	
			50	38	A7 9A 00012	MOVL	40(R0), R7	0347
			51	39	A7 9A 00016	MOVZBL	56(R7), R0	
			50		51 C0 0001A	MOVZBL	57(R7), R1	
			56	3A	A7 9A 0001D	ADDL2	R1, R0	
			56		50 C0 00021	MOVZBL	58(R7), DIR_LEN	
56	00	04	A8		68 2D 00024	ADDL2	R0, DIR_LEN	
				04	B7 0002A	CMPCS	PREV_DIR_LEN, PREV_DIR, #0, DIR_LEN, @4(R7)	0349
					12 13 0002C	BEQL	1\$	
04	A8	04	B7		56 28 0002E	MOVCS	DIR_LEN, @4(R7), PREV_DIR	0354
			68		56 D0 00034	MOVL	DIR_LEN, PREV_DIR_LEN	0355
		0000V	CF	0000'	CF 9F 00037	PUSHAB	VERSION_LIST	0356
					01 FB 0003B	CALLS	#1, PURGE_ODS1_DIRECTORY	
					5E DD 00040	PUSHL	SP	0363
	7E	54	A7		01 C1 00042	ADDL3	#1, @4(R7), -(SP)	0364
			7E	3D	A7 9A 00047	MOVZBL	61(R7), -(SP)	0363
					6E D7 0004B	DECL	(SP)	
		00000000G	00		03 FB 0004D	CALLS	#3, LIB\$CVT_DTB	
			52		50 D0 00054	MOVL	R0, STATUS	
			0A		52 E8 00057	BLBS	STATUS, 2\$	0366
					52 DD 0005A	PUSHL	STATUS	0369
		00000000G	00		01 FB 0005C	CALLS	#1, LIB\$SIGNAL	
					04 00063	RET		0368
	08	AE		03	A7 9A 00064	MOVZBL	3(R7), LENGTH	0379
	08	AE			18 C0 00069	ADDL2	#24, LENGTH	
				04	AE 9F 0006D	PUSHAB	ENTRY	0380
				0C	AE 9F 00070	PUSHAB	LENGTH	
		00000000G	00		02 FB 00073	CALLS	#2, LIB\$GET_VM	
			52		50 D0 0007A	MOVL	R0, STATUS	
			09		52 E8 0007D	BLBS	STATUS, 3\$	0381
					52 DD 00080	PUSHL	STATUS	0383
		00000000G	00		01 FB 00082	CALLS	#1, LIB\$STOP	
			56	04	AE D0 00089	MOVL	ENTRY, R6	0385
			50	3B	A7 9A 0008D	MOVZBL	59(R7), R0	
			51	3C	A7 9A 00091	MOVZBL	60(R7), R1	
04	A6		50		51 C1 00095	ADDL3	R1, R0, 4(R6)	
	50	4C	A7	04	A7 C3 0009A	SUBL3	4(R7), 76(R7), R0	0387
		08	A6	18	A046 9E 000A0	MOVAB	24(R0)[R6], 8(R6)	
		0C	A6		6E D0 000A6	MOVL	VERSION, 12(R6)	0388
		10	A6	03	A7 9A 000AA	MOVZBL	3(R7), 16(R6)	0389
		14	A6	18	A6 9E 000AF	MOVAB	24(R6), 20(R6)	0390
			50	03	A7 9A 000B4	MOVZBL	3(R7), R0	0391
18	A6	04	B7		50 28 000B8	MOVCS	R0, @4(R7), 24(R6)	
			57	0000'	CF 9E 000BE	MOVAB	VERSION_LIST, PREV	0393
			54		67 D0 000C3	MOVL	(PREV), CURR	0394
					28 13 000C6	BEQL	7\$	0396
			55		01 D0 000C8	MOVL	#1, R5	0400
04	A4	00	B6	04	A6 2D 000CB	CMPCS	4(R6), @8(R6), #0, 4(CURR), @8(CURR)	

PURGE  
V04-000

F 11  
15-Sep-1984 23:39:44  
14-Sep-1984 12:18:48

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[DELETE.SRC]PURGE.B32;1 Page 10  
(4)

		08	B4	000D3						
			03	1A 000D5	BGTRU	58				
	55		01	D9 000D7	SBWC	#1, R5				
	50		55	D0 000DA	MOVL	R5, COMPARISON				
			11	19 000DD	BLSS	78				0402
			07	12 000DF	BNEQ	68				0403
OC	A4	OC	A6	D1 000E1	CPL	12(R6), 12(CURR)				0404
			08	1A 000E6	BGTRU	78				
	57		54	D0 000E8	MOVL	CURR, PREV				0407
	54		64	D0 000EB	MOVL	(CURR), CURR				0408
			D6	11 000EE	BRB	48				0396
	66		67	D0 000F0	MOVL	(PREV), (R6)				0411
	67		56	D0 000F3	MOVL	R6, (PREV)				0412
			04	000F6	RET					0416

; Routine Size: 247 bytes, Routine Base: \$CODES + 0074

```

316 0417 1 GLOBAL ROUTINE purge_ods1_directory (list) : NOVALUE =
317 0418 1
318 0419 1 |++
319 0420 1 | Functional description:
320 0421 1 |
321 0422 1 |     This routine purges all versions beyond the number explicitly kept for
322 0423 1 |     an ods-1 directory.
323 0424 1 |
324 0425 1 | Inputs:
325 0426 1 |
326 0427 1 |     list = Address of listhead of version list
327 0428 1 |           0) link to next entry
328 0429 1 |           1-2) descriptor of file name & type
329 0430 1 |           3) version number in binary
330 0431 1 |           4-5) descriptor of filespec
331 0432 1 |           6) File specification follows
332 0433 1 |
333 0434 1 | Outputs:
334 0435 1 |
335 0436 1 |     None, the old versions are deleted.
336 0437 1 | ---
337 0438 1
338 0439 2 BEGIN
339 0440 2
340 0441 2 BIND context = .del$context : BITVECTOR[32];
341 0442 2
342 0443 2 OWN
343 0444 2     nam:          $NAM(),           ! NAM used for deleting open files
344 0445 2     xabpro:       $XABPRO(),        ! XAB needed for common qualifiers package
345 0446 2     xabdat:       $XABDAT(NXT = xabpro), ! XAB needed for common qualifiers package
346 P 0447 2     fab:          $FAB(NAM = nam,     ! FAB used for deleting versions
347 0448 2           XAB = xabdat);         ! Chain XAB's to FAB.
348 0449 2
349 0450 2 LOCAL
350 0451 2     status,
351 0452 2     prev_name: VECTOR [2],          ! Descriptor of previous name & type
352 0453 2     prev_buffer: VECTOR [nam$C_maxrss,BYTE], ! Buffer to hold previous name/type
353 0454 2     length,                       ! Length of current entry
354 0455 2     entry:      REF VECTOR,        ! Current entry in list
355 0456 2     next;                          ! Next entry in list
356 0457 2
357 0458 2
358 0459 2 prev_name [0] = 0;                ! Initialize previous name/type = null
359 0460 2 entry = ..list;                 ! Start at first entry in list
360 0461 2
361 0462 2 WHILE .entry NEQ 0                ! For each entry in list,
362 0463 2 DO
363 0464 2     BEGIN
364 0465 2     IF CH$NEQ(.prev_name [0], .prev_name [1],
365 0466 2         .entry [1], .entry [2], 0) ! If new file name & type,
366 0467 2     THEN
367 0468 2         BEGIN
368 0469 2         versions = 0;              ! Reset number of versions seen
369 0470 2         context[0] = 0;           ! Prevent confirm message.
370 0471 2         prev_name [0] = .entry [1]; ! Save "current" name & type
371 0472 2         prev_name [1] = prev_buffer;
372 0473 2         CH$MOVE(.entry [1], .entry [2], .prev_name [1]);

```

```

373 0474      END;
374 0475
375 0476      fab [fab$b_fns] = .entry [4];           ! Copy length and address
376 0477      fab [fab$l_fna] = .entry [5];           ! of string into FAB and
377 0478      nam [nam$b_rsl] = .entry [4];           ! NAM blocks.
378 0479      nam [nam$l_rsa] = .entry [5];
379 0480
380 0481      purge_this_file(fab);
381 0482
382 0483      !
383 0484      Delete the storage used for this version entry
384 0485
385 0486
386 0487      next = .entry [0];                       ! Save address of next one
387 0488      length = 6*4 + .entry [4];               ! Length of entry
388 0489      status = LIB$FREE_VM(length,entry);     ! Delete storage for entry
389 0490      IF NOT .status                            ! If error deleting storage,
390 0491      THEN                                     !
391 0492          SIGNAL(.status);                     ! then only signal the error
392 0493      entry = .next;                            ! Link to next in list
393 0494      END;
394 0495
395 0496      .list = 0;                                ! Re-init listhead
396 0497
397 0498      END;

```

		.PSECT	\$OWNS,NOEXE,2
	02 0020B	.B_KB	1
	60 0020C NAM:	.BYTE	2
	00 0020D	.BYTE	96
	00 0020E	.BYTE	0
	00 0020F	.BYTE	0
00000000	00210	.LONG	0
	00 00214	.BYTE	0
	00 00215	.BYTE	0
	00 00216	.BYTE	0
	00 00217	.BYTE	0
00000000	00218	.LONG	0
00000000	0021C	.LONG	0
0000#	00220	.WORD	0[8]
0000#	00230	.WORD	0[3]
0000#	00236	.WORD	0[3]
00000000	0023C	.LONG	0
00000000	00240	.LONG	0
	00 00244	.BYTE	C
	00 00245	.BYTE	0
	00 00246	.BYTE	0
	00 00247	.BYTE	0
	00 00248	.BYTE	0
	00 00249	.BYTE	0
00#	0024A	.BYTE	0[2]
00000000	0024C	.LONG	0
00000000	00250	.LONG	0
00000000	00254	.LONG	0

00000000	00258		.LONG	0
00000000	0025C		.LONG	0
00000000	00260		.LONG	0
00000000#	00264		.LONG	0[2]
13	0026C	XABPRO:	.BYTE	19
58	0026D		.BYTE	88
0000	0026E		.WORD	0
00000000	00270		.LONG	0
FFFF	00274		.WORD	-1
00	00276		.BYTE	0
00	00277		.BYTE	0
0000 0000	00278		.WORD	0, 0
00	0027C		.BYTE	0
00	0027D		.BYTE	0
0C00	0027E		.WORD	0
00000000	00280		.LONG	0
00000000	00284		.LONG	0
0000	00288		.WORD	0
0000	0028A		.WORD	0
00000000	0028C		.LONG	0
00000000	00290		.LONG	0
	00294		.BLKB	48
12	002C4	XABDAT:	.BYTE	18
2C	002C5		.BYTE	44
0000	002C6		.WORD	0
00000000'	002C8		.ADDRESS	XABPRO
0000	002CC		.WORD	0
0000	002CE		.WORD	0
00000000#	002D0		.LONG	0[2]
00000000#	002D8		.LONG	0[2]
00000000	002E0		.LONG	0
00000000	002E4		.LONG	0
00000000#	002E8		.LONG	0[2]
03	002F0	FAB:	.BYTE	3
50	002F1		.BYTE	80
0000	002F2		.WORD	0
00000000	002F4		.LONG	0
00000000	002F8		.LONG	0
00000000	002FC		.LONG	0
00000000	00300		.LONG	0
0000	00304		.WORD	0
02	00306		.BYTE	2
00	00307		.BYTE	0
00000000	00308		.LONG	0
00	0030C		.BYTE	0
00	0030D		.BYTE	0
00	0030E		.BYTE	0
02	0030F		.BYTE	2
00000000	00310		.LONG	0
00000000'	00314		.ADDRESS	XABDAT
00000000'	00318		.ADDRESS	NAM
00000000	0031C		.LONG	0
00000000	00320		.LONG	0
00	00324		.BYTE	0
00	00325		.BYTE	0
0000	00326		.WORD	0
00000000	00328		.LONG	0

.....

```
0000 0032C .WORD 0  
00 0032E .BYTE 0  
00 0032F .BYTE 0  
00000000 00330 .LONG 0  
00000000 00334 .LONG 0  
0000 00338 .WORD 0  
00 0033A .BYTE 0  
00 0033B .BYTE 0  
00000000 0033C .LONG 0
```

.PSECT \$CODE\$,NOWRT,2

03FC 00000

```
.ENTRY PURGE_ODS1_DIRECTORY, Save R2,R3,R4,R5,R6,- : 0417  
R7,R8,R9  
MOVAB -268(SP), SP  
MOVL DEL$CONTEXT, R9 : 0441  
CLRL PREV_NAME : 0459  
PUSHL @LIST : 0460  
MOVL ENTRY, R6 : 0462  
BEQL 4$  
CMPCS PREV_NAME, @PREV_NAME+4, #0, 4(R6), @8(R6) : 0465  
  
BEQL 2$  
CLRL VERSIONS : 0469  
BICB2 #1, (R9) : 0470  
MOVL 4(R6), PREV_NAME : 0471  
MOVAB PREV_BUFFER, PREV_NAME+4 : 0472  
MOVCS 4(R6), @8(R6), @PREV_NAME+4 : 0473  
MOVB 16(R6), FAB+52 : 0476  
MOVL 20(R6), FAB+44 : 0477  
MOVB 16(R6), NAM+3 : 0478  
MOVL 20(R6), NAM+4 : 0479  
PUSHAB FAB : 0481  
CALLS #1, PURGE_THIS_FILE  
MOVL (R6), NEXT : 0487  
ADDL3 #24, 16(R6), LENGTH : 0488  
PUSHL SP : 0489  
PUSHAB LENGTH  
CALLS #2, LIB$FREE_VM  
MOVL R0, STATUS : 0490  
BLBS STATUS, 3$ : 0492  
PUSHL STATUS  
CALLS #1, LIB$SIGNAL  
MOVL NEXT, ENTRY : 0493  
BRB 1$ : 0462  
CLRL @LIST : 0496  
RET : 0498
```

```
SE FEF4 CE 9E 00002  
59 00000000G 00 D0 00007  
F8 AD D4 0000E  
04 BC DD 00011  
56 6E D0 00014 1$:  
6E 13 00017  
04 A6 00  FC BD F8 AD 2D 00019  
08 B6 00 00021  
18 13 00023  
0000' CF D4 00025  
69 01 8A 00029  
F8 AD 04 A6 D0 0002C  
FC AD 08 AE 9E 00031  
FC BD 08 B6 04 A6 28 00036  
0000' CF 10 A6 90 0003D 2$:  
0000' CF 14 A6 D0 00043  
0000' CF 10 A6 90 00049  
0000' CF 14 A6 D0 0004F  
0000' CF 01 9F 00055  
0000V CF 01 FB 00059  
57 66 D0 0005E  
04 AE 10 A6 18 C1 00061  
5E DD 00067  
08 AE 9F 00069  
00000000G 00 02 FB 0006C  
58 50 D0 00073  
09 58 E8 00076  
58 DD 00079  
00000000G 00 01 FB 0007B  
6E 57 D0 00082 3$:  
8D 11 00085  
04 BC D4 00087 4$:  
04 0008A
```

; Routine Size: 139 bytes, Routine Base: \$CODE\$ + 016B





			55	04	AC	DO	0000E	MOVL	FAB_BLOCK, R5	:	0523
			54	28	A5	DO	00012	MOVL	40(R5), R4	:	
			50	38	A4	9A	00016	MOVZBL	56(R4), R0	:	0529
			51	39	A4	9A	0001A	MOVZBL	57(R4), R1	:	
			50		51	CO	0001E	ADDL2	R1, R0	:	
			51	3A	A4	9A	00021	MOVZBL	58(R4), R1	:	
			50		51	CO	00025	ADDL2	R1, R0	:	
			51	3B	A4	9A	00028	MOVZBL	59(R4), R1	:	0530
			50		51	CO	0002C	ADDL2	R1, R0	:	0529
			56	3C	A4	9A	0002F	MOVZBL	60(R4), NAME_LEN	:	0530
56	00	04	56		50	CO	00033	ADDL2	R0, NAME_LEN	:	
			56		68	2D	00036	CMPC5	PREV_NAME_LEN, PREV_NAME, #0, NAME_LEN, -	:	0532
			A8	04	B4		0003C		@4(R4)	:	
					11	13	0003E	BEQL	1\$	:	
	04	A8	04	B4	56	28	00040	MOV(C3	NAME_LEN, @4(R4), PREV_NAME	:	0537
				68	56	DO	00046	MOVL	NAME_LEN, PREV_NAME_LEN	:	0538
				FC	A8	01	00049	MOVL	#1, VERSIONS	:	0539
				67	01	8A	0004D	BICB2	#1, (R7)	:	0540
					04		00050	RET		:	0536
					55	DD	00051	1\$: PUSHL	R5	:	0544
		0000V	CF		01	FB	00053	CALLS	#1, PURGE_THIS_FILE	:	
					04		00058	RET		:	0546

: Routine Size: 89 bytes, Routine Base: \$CODE\$ + 01F6

V  
S  
I  
I  
N  
N  
N  
N  
N  
N  
U  
I  
E  
P  
T  
U  
T  
N  
2  
A  
L  
C

```
448 0547 1 ROUTINE purge_this_file (fab_block) : NOVALUE =
449 0548 1
450 0549 1 +-
451 0550 1 Functional description:
452 0551 1
453 0552 1 This routine accepts a filename, and if it exceeds the /KEEP qualifier,
454 0553 1 attempts to delete the file.
455 0554 1
456 0555 1 Inputs:
457 0556 1
458 0557 1 fab_block = Address of the FAB
459 0558 1
460 0559 1 Outputs:
461 0560 1
462 0561 1 None, the file is deleted if /KEEP qualifier is exceeded.
463 0562 1 ---
464 0563 1
465 0564 2 BEGIN
466 0565 2
467 0566 2 MAP
468 0567 2 fab_block : REF $BBLOCK;
469 0568 2
470 0569 2 BIND
471 0570 2 context = .del$context : BITVECTOR[32],
472 0571 2 nam = .fab_block [fab$l_nam] : $BBLOCK,
473 0572 2 fab = .fab_block : $BBLOCK;
474 0573 2
475 0574 2 LOCAL
476 0575 2 prompt_desc, ! Address of prompt arguments
477 0576 2 name_desc : VECTOR[2], ! Descriptor for file name.
478 0577 2 status;
479 0578 2
480 0579 2 name_desc[0] = .nam[nam$b_rsl]; ! Save file name and size.
481 0580 2 name_desc[1] = .nam[nam$l_rsa];
482 0581 2 prompt_desc = name_desc; ! Point prompt_desc to it.
483 0582 2
484 0583 2
485 0584 2 IF .del$cli_status [del$v_log_msg] OR ! If /LOG requested,
486 0585 2 .del$cli_status [del$v_open_file] ! or open_file bit set
487 0586 2 THEN
488 0587 2 BEGIN
489 0588 2 fab [fab$l_alq] = 0; ! Set block size of file to be zero because
490 0589 2 $OPEN (FAB = fab); ! Open the file.
491 0590 2 del$file_size = .fab [fab$l_alq]; ! Get block size of file.
492 0591 2 END;
493 0592 2
494 0593 2 IF .del$cli_status[del$v_conf_prompt] ! If user said /CONFIRM, and
495 0594 2 AND (.versions EQL .del$keepver_val) ! we have exceeded /KEEP limit
496 0595 2 THEN context[0] = 1; ! then enable /CONFIRM option.
497 0596 2
498 0597 2 status = lib$qual_file_match( del$context, fab, 0, ! Does this file meet purge criteria?
499 0598 2 $descriptor('!AS, delete? [N]:'),
500 0599 2 prompt_desc, 0);
501 0600 2
502 0601 2 IF NOT .status ! If failure status returned.
503 0602 2 THEN
504 0603 2 BEGIN
```

```

505 0604 IF .status EQL lib$_quipro          ! If user said CNTRL/Z
506 0605 THEN                          ! then stop processing.
507 0606   del$_cli_status [del$_cntrl_z_stop] = TRUE;
508 0607 IF (.status NEQ lib$_quipro) AND ! If user said CNTRL/Z
509 0608   (.status NEQ lib$_filfaimat)   ! or file did not meet criteria
510 0609 THEN                          ! then do not report an error.
511 0610   del$_file_error(msg$_filnotacc,fab);
512 0611   $_CLOSE ( FAB = fab);        ! Ask RMS to close the file.
513 0612 END
514 0613 ELSE
515 0614   versions = .versions + 1;     ! Increment versions seen
516 0615
517 0616 IF (.versions GTR .del$_keepver_val) AND .status ! If past specified limit,
518 0617 THEN                          ! then delete the file as we have exhausted
519 0618   BEGIN                          ! the keep version count.
520 0619   IF .del$_cli_status [del$_erase] ! If /ERASE requested
521 0620   THEN
522 0621     BEGIN
523 0622     $_CLOSE (FAB = fab);          ! Close the file so that we cn do it.
524 0623     status = lib$_set_erase (name_desc); ! Set ERASE bit in header.
525 0624     fab[fab$_l_sts] = .status;    ! and save the status.
526 0625     fab[fab$_l_stv] = 0;
527 0626     END;
528 0627
529 0628 IF .status
530 0629 THEN                          ! If successful so far,
531 0630   BEGIN
532 0631   IF .fab [fab$_w_ifi] NEQ 0      ! If the file is open,
533 0632   THEN
534 0633     BEGIN
535 0634     fab [fab$_v_dlt] = TRUE;      ! then set the deletion bit,
536 0635     status = $_CLOSE ( FAB = fab); ! and ask RMS to close and delete the file.
537 0636     fab [fab$_v_dlt] = FALSE;    ! Turn off the delete bit to avoid side effects.
538 0637     END
539 0638   ELSE
540 0639     status = $_ERASE ( FAB = fab); ! Erase the file.
541 0640   END;
542 0641
543 0642 IF .status
544 0643 THEN                          ! If successful,
545 0644   BEGIN
546 0645   IF .del$_cli_status [del$_log_msg] THEN ! If logging requested,
547 0646   BEGIN
548 0647   del$_files_deleted = .del$_files_deleted + 1; ! Increment number of files purged
549 0648   del$_blocks_deleted = .del$_blocks_deleted + .del$_file_size; ! Increment total blocks deleted by t
550 0649   put_message(msg$_filpurg,3,name_desc, ! Output log message
551 0650   .del$_file_size);
552 0651   END;
553 0652   END;
554 0653 ELSE
555 0654   del$_file_error(msg$_filnotpur,fab) ! Delete failed, output message giving reason
556 0655 END;
557 0656
558 0657 $_CLOSE (FAB=fab);
559 0658 ! Make sure file is closed!
560 0659
561 0660 END;

```

```

.PSECT SPLITS,NOWRT,NOEXE,2
4E 5B 20 3F 65 74 65 6C 65 64 20 2C 53 41 21 00000 P.AAB: .ASCII \!AS, delete? [N]:\
                                     3A 5D 0000F
                                     00011
                                     00000011 00014 P.AAA: .BLKB 3
                                     00000000' 00018 .LONG 17
                                     .ADDRESS P.AAB
                                     .EXTRN SYSSOPEN, SYSSCLOSE
                                     .EXTRN SYSSERASE
.PSECT $CODE$,NOWRT,2
OFFC 00000 PURGE_THIS FILE:
5B 0000' CF 9E 00002 .WORD Save R2,R3,R4,R5,R6,R7,R8,R9,R10,R11 0547
5A 00000000G 00 9E 00007 MOVAB VERSIONS, R11
59 00000000G 00 9E 0000E MOVAB DEL$CONTEXT, R10
58 00000000G 00 9E 00015 MOVAB DEL$FILE ERROR, R9
57 00000000G 00 9E 0001C MOVAB LIB$QUIPRO, R8
56 00000000G 00 9E 00023 MOVAB DEL$KEEPVER_VAL, R7
55 00000000G 00 9E 0002A MOVAB DEL$FILE SIZE, R6
54 00000000G 00 9E 00031 MOVAB SYSSCLOSE, R5
5E 04 C2 00038 MOVAB DEL$CLI_STATUS, R4
53 6A D0 0003B SUBL2 #4, SP
52 04 AC D0 0003E MOVL DEL$CONTEXT, R3 0570
50 28 A2 D0 00042 MOVL FAB_BLOCK, R2 0571
7E 03 A0 9A 00046 MOVZBL 40(R2), R0
04 AE 04 A0 D0 0004A MOVZBL 3(R0), NAME_DESC 0579
5E DD 0004F MOVL 4(R0), NAME_DESC+4 0580
04 64 01 E0 00051 PUSHL SP 0581
64 95 00055 BBS #1, DEL$CLI_STATUS, 1$ 0584
10 18 00057 TSTB DEL$CLI_STATUS 0585
A2 D4 00059 BGEQ 2$ 0588
52 DD 0005C CLRL 16(R2) 0589
01 FB 0005E PUSHL R2
00 10 A2 D0 00065 CALLS #1, SYSSOPEN
08 66 06 E1 00069 MOVL 16(R2), DEL$FILE SIZE 0590
67 6B D1 0006D BBC #6, DEL$CLI_STATUS, 3$ 0593
63 03 12 00070 CMPL VERSIONS, DEL$KEEPVER_VAL 0594
01 88 00072 BNEQ 3$
7E D4 00075 BISB2 #1, (R3) 0595
04 AE 9F 00077 CLRL -(SP) 0597
0000' CF 9F 0007A PUSHAB PROMPT_DESC
7E D4 0007E PUSHAB P.AAA 0598
52 DD 00080 CLRL -(SP) 0597
5A DD 00082 PUSHL R2
00000000G 00 06 FB 00084 CALLS #6, LIB$QUAL_FILE_MATCH
53 50 D0 0008B MOVL R0, STATUS
31 53 E8 0008E BLBS STATUS, 6$ 0601
50 68 9E 00091 MOVAB LIB$QUIPRO, R0 0604
50 53 D1 00094 CMPL STATUS, R0
03 12 00097 BNEQ 4$
64 20 88 00099 BISB2 #32, DEL$CLI_STATUS 0606

```

	50		68	9E	0009C	4\$:	MOVAB	LIB\$ QUIPRO, R0	: 0607
	50		53	D1	0009F		CMPL	STATUS, R0	
			17	13	000A2		BEQL	5\$	
	50	00000000G	00	9E	000A4		MOVAB	LIB\$ FILFAIMAT, R0	: 0608
	50		53	D1	000AB		CMPL	STATUS, R0	
			0B	13	000AE		BEQL	5\$	
			52	DD	000B0		PUSHL	R2	: 0610
		00931338	8F	DD	000B2		PUSHL	#9638712	
	69		02	FB	000B8		CALLS	#2, DEL\$FILE_ERROR	
			52	DD	000BB	5\$:	PUSHL	R2	: 0611
	65		01	FB	000BD		CALLS	#1, SYSS\$CLOSE	
			02	11	000C0		BRB	7\$	: 0601
			6B	D6	000C2	6\$:	INCL	VERSIONS	: 0614
	67		6B	D1	000C4	7\$:	CMPL	VERSIONS, DEL\$KEEPVER_VAL	: 0617
			73	15	000C7		BLEQ	11\$	
	7D		53	E9	000C9		BLBC	STATUS, 13\$	
19	64		04	E1	000CC		BBC	#4, DEL\$CLI_STATUS, 8\$	: 0620
			52	DD	000D0		PUSHL	R2	: 0623
	65		01	FB	000D2		CALLS	#1, SYSS\$CLOSE	
		04	AE	9F	000D5		PUSHAB	NAME_DESC	: 0624
	00000000G		00	01	FB	000D8	CALLS	#1, LIB\$SET_ERASE	
			53	D0	000DF		MOVL	R0, STATUS	
	08	A2	53	D0	000E2		MOVL	STATUS, 8(R2)	: 0625
		0C	A2	D4	000E6		CLRL	12(R2)	: 0626
			52	53	E9	000E9	8\$:	BLBC	STATUS, 12\$
		02	A2	B5	000EC		TSTW	2(R2)	: 0629
			14	13	000EF		BEQL	9\$	: 0632
	05	A2	8F	88	000F1		BISB2	#128, 5(R2)	: 0635
			52	DD	000F6		PUSHL	R2	: 0636
	65		01	FB	000F8		CALLS	#1, SYSS\$CLOSE	
			50	D0	000FB		MOVL	R0, STATUS	
	05	A2	8F	8A	000FE		BICB2	#128, 5(R2)	: 0637
			0C	11	00103		BRB	10\$	: 0632
			52	DD	00105	9\$:	PUSHL	R2	: 0640
	00000000G		00	01	FB	00107	CALLS	#1, SYSS\$ERASE	
			53	D0	0010E		MOVL	R0, STATUS	
			2A	53	E9	00111	10\$:	BLBC	STATUS, 12\$
31	64		01	E1	00114		BBC	#1, DEL\$CLI_STATUS, 13\$	: 0643
		00000000G	00	D6	00118		INCL	DEL\$FILES_DELETED	: 0646
			50	D0	0011E		MOVL	DEL\$FILE_SIZE, R0	: 0648
	00000000G		00	50	C0	00121	ADDL2	R0, DEL\$BLOCKS_DELETED	: 0649
			50	DD	00128		PUSHL	R0	: 0651
		08	AE	9F	0012A		PUSHAB	NAME_DESC	
			03	DD	0012D		PUSHL	#3	
		0093131B	8F	DD	0012F		PUSHL	#9638683	
	00000000G		00	04	FB	00135	CALLS	#4, LIB\$SIGNAL	
			0B	11	0013C	11\$:	BRB	13\$	: 0643
			52	DD	0013E	12\$:	PUSHL	R2	: 0655
		00931230	8F	DD	00140		PUSHL	#9638448	
	69		02	FB	00146		CALLS	#2, DEL\$FILE_ERROR	
			52	DD	00149	13\$:	PUSHL	R2	: 0658
	65		01	FB	0014B		CALLS	#1, SYSS\$CLOSE	
			04	0014E			RET		: 0660

; Routine Size: 335 bytes. Routine Base: \$CODE\$ + 024F





