


```

PPPPPPPP      AAAAAA      SSSSSSSS      MM      MM      SSSSSSSS      GGGGGGGG      TTTTTTTTTT      XX      XX      TTTTTTTTTT
PPPPPPPP      AAAAAA      SSSSSSSS      MM      MM      SSSSSSSS      GGGGGGGG      TTTTTTTTTT      XX      XX      TTTTTTTTTT
PP      PP      AA      AA      SS      MMMM      MMMM      SS      GG      TT      XX      XX      TT
PP      PP      AA      AA      SS      MMMM      MMMM      SS      GG      TT      XX      XX      TT
PP      PP      AA      AA      SS      MM      MM      SS      GG      TT      XX      XX      TT
PP      PP      AA      AA      SS      MM      MM      SS      GG      TT      XX      XX      TT
PPPPPPPP      AA      AA      SSSSSS      MM      MM      SSSSSS      GG      TT      XX      XX      TT
PPPPPPPP      AA      AA      SSSSSS      MM      MM      SSSSSS      GG      TT      XX      XX      TT
PP      AAAAAAAAAA      SS      MM      MM      SS      GG      GGGGGG      TT      XX      XX      TT
PP      AAAAAAAAAA      SS      MM      MM      SS      GG      GGGGGG      TT      XX      XX      TT
PP      AA      AA      SS      MM      MM      SS      GG      GG      TT      XX      XX      TT
PP      AA      AA      SS      MM      MM      SS      GG      GG      TT      XX      XX      TT
PP      AA      AA      SSSSSSSS      MM      MM      SSSSSSSS      GGGGGG      TT      XX      XX      TT
PP      AA      AA      SSSSSSSS      MM      MM      SSSSSSSS      GGGGGG      TT      XX      XX      TT

```

```

LL      I I I I I I      SSSSSSSS
LL      I I I I I I      SSSSSSSS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SSSSSS
LL      I I      SSSSSS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LLLLLLLLLLLL      I I I I I I      SSSSSSSS
LLLLLLLLLLLL      I I I I I I      SSSSSSSS

```

PA
1-
:
:

:
:
:

1 .TITLE PAS\$MSGDEF VAX-11 Pasc_L Run-Time Messages
2 .IDENT '1-004' ! File PASMSG.MSG, Edit: SBL1004
3

4 *****
5 *
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26
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28 FACILITY: VAX-11 Pascal Run-Time Library

29
30 ABSTRACT:

31 This module contains the message definitions for VAX-11 Pascal V2
32 Run-Time messages.
33

34
35 AUTHOR: Steven B. Lionel, CREATION DATE: 1-April-1981

36
37 MODIFIED BY:

- 38 1-001 - Original. SBL 1-April-1981
- 39 1-002 - Remove PASS_INVFIESPE since it is no longer used. SBL 2-July-1982
- 40 1-003 - Reserve message numbers 3000-3999 for SeaPascal. SBL 25-Mar-1983
- 41 1-004 - Change text of BUGCHECK to refer to User's Guide. SBL 17-Aug-1983

42
43 --
44
45 0000021

46 .FACILITY PAS,33 /SYSTEM

47 +
48 NOTE: The VAX-11 Pascal V1 Run-Time Library used message numbers between
49 32 and 128. To avoid conflicts, start VAX-11 Pascal V2 numbers at 200.
50 -

51 +
52
53 Messages 201 to 999 are I/O errors which can be continued by means of
54 Error:=Continue in the Pascal statement.

55
56 The STATUS return value is <message_number - 200>

```

57 |
58 | ***** NOTE *****
59 | * For messages 201-999, which all have the PFV *
60 | * address placed as the first FAO argument, the *
61 | * FAO control string MUST include the "!" edit *
62 | * directive as the first directive in the string.*
63 | * Failure to do this will result in the PFV *
64 | * being used incorrectly in the result text. *
65 | *****
66 |
67 | -
68 | .SEVERITY FATAL
69 |
70 | +
71 | Messages from OPEN and CLOSE.
72 | -
73 | .BASE 200
00218644 74 | BASE <> ! Never signalled
75 |
0021864C 76 | FILALROPE <file is already open!+!/ File "!"AC" Filename "!"AS">/FAO_COUNT=3
77 | .LITERAL PASSK_FILALROPE=(PASS_FILALROPE-PASS_BASE)@-3
78 |
00218654 79 | ERRDUROPE <error during OPEN!+!/ File "!"AC" Filename "!"AS">/FAO_COUNT=3
80 | .LITERAL PASSK_ERRDUROPE=(PASS_ERRDUROPE-PASS_BASE)@-3
81 |
0021865C 82 | FILNOTFOU <file not found!+!/ File "!"AC" Filename "!"AS">/FAO_COUNT=3
83 | .LITERAL PASSK_FILNOTFOU=(PASS_FILNOTFOU-PASS_BASE)@-3
84 |
00218664 85 | INVFILSYN <invalid filename syntax!+!/ File "!"AC" Filename "!"AS">/FAO_COUNT=
86 | .LITERAL PASSK_INVFILSYN=(PASS_INVFILSYN-PASS_BASE)@-3
87 |
0021866C 88 | ACCMETINC <ACCESS METHOD specified is incompatible with this file!+!/ File "!"
89 | .LITERAL PASSK_ACCMETINC=(PASS_ACCMETINC-PASS_BASE)@-3
90 |
00218674 91 | RECLEINIC <RECORD LENGTH specified is inconsistent with this file!+!/ File "!"
92 | .LITERAL PASSK_RECLEINIC=(PASS_RECLEINIC-PASS_BASE)@-3
93 |
0021867C 94 | RECTYPINC <RECORD TYPE specified is inconsistent with this file!+!/ File "!"AC
95 | .LITERAL PASSK_RECTYPINC=(PASS_RECTYPINC-PASS_BASE)@-3
96 |
00218684 97 | ORGSPEINC <ORGANIZATION specified is inconsistent with this file!+!/ File "!"A
98 | .LITERAL PASSK_ORGSPEINC=(PASS_ORGSPEINC-PASS_BASE)@-3
99 |
0021868C 100 | INVKEYDEF <invalid key definition!+!/ File "!"AC" Filename "!"AS">/FAO_COUNT=3
101 | .LITERAL PASSK_INVKEYDEF=(PASS_INVKEYDEF-PASS_BASE)@-3
102 |
00218694 103 | KEYDEFINC <KEY(!+!UL) definition is inconsistent with this file!/ File "!"AC"
104 | .LITERAL PASSK_KEYDEFINC=(PASS_KEYDEFINC-PASS_BASE)@-3
105 |
0021869C 106 | KEYNOTDEF <KEY(!+!UL) is not defined in this file!/ File "!"AC" Filename "!"AS
107 | .LITERAL PASSK_KEYNOTDEF=(PASS_KEYNOTDEF-PASS_BASE)@-3
108 |
002186A4 109 | INVRECLIN <invalid record length of !+!UL!/ File "!"AC" Filename "!"AS">/FAO_C
110 | .LITERAL PASSK_INVRECLIN=(PASS_INVRECLIN-PASS_BASE)@-3
111 |
002186AC 112 | TEXREQSEQ <textfiles require sequential organization and access!+!/ File "!"AC
113 | .LITERAL PASSK_TEXREQSEQ=(PASS_TEXREQSEQ-PASS_BASE)@-3
    
```

```

114
002186B4 115      FILNAMREQ      <FILE_NAME required for this HISTORY or DISPOSITION!+!/ File '!AC'
116      .LITERAL      PASSK_FILNAMREQ=(PASS_FILNAMREQ-PASS_BASE)@-3
117
002186BC 118      FILALRCLO      <file is already closed!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
119      .LITERAL      PASSK_FILALRCLO=(PASS_FILALRCLO-PASS_BASE)@-3
120
002186C4 121      ERRDURCLO      <error during CLOSE!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
122      .LITERAL      PASSK_ERRDURCLO=(PASS_ERRDURCLO-PASS_BASE)@-3
123
124      !+
125      !- Textfile READ errors.
126      !-
127      .BASE          230
128
00218734 129      AMBVALENU      <!+'!AS' is an ambiguous value for enumerated type '!AC'!/ Record !
130      .LITERAL      PASSK_AMBVALENU=(PASS_AMBVALENU-PASS_BASE)@-3
131
0021873C 132      INVSYNENU      <!+'!AD' is invalid syntax for an enumerated value!/ Record !UL Fi
133      .LITERAL      PASSK_INVSYNENU=(PASS_INVSYNENU-PASS_BASE)@-3
134
00218744 135      INVSYNINT      <!+'!AS' is invalid syntax for an integer value!/ Record !UL File
136      .LITERAL      PASSK_INVSYNINT=(PASS_INVSYNINT-PASS_BASE)@-3
137
0021874C 138      INVSYNREA      <!+'!AS' is invalid syntax for a real value!/ Record !UL File '!AC
139      .LITERAL      PASSK_INVSYNREA=(PASS_INVSYNREA-PASS_BASE)@-3
140
00218754 141      INVSYNUNS      <!+'!AD' is invalid syntax for an unsigned value!/ Record !UL File
142      .LITERAL      PASSK_INVSYNUNS=(PASS_INVSYNUNS-PASS_BASE)@-3
143
0021875C 144      NOTVALTYP      <!+'!AS' is not a value of type '!AC'!/ Record !UL File '!AC' Fil
145      .LITERAL      PASSK_NOTVALTYP=(PASS_NOTVALTYP-PASS_BASE)@-3
146
00218764 147      ERRDURPRO      <error during prompting!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
148      .LITERAL      PASSK_ERRDURPRO=(PASS_ERRDURPRO-PASS_BASE)@-3
149
150
151      !+
152      !- Textfile WRITE errors.
153      !-
154      .BASE          250
155
002187D4 156      ERRDURWRI      <error during WRITELN!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
157      .LITERAL      PASSK_ERRDURWRI=(PASS_ERRDURWRI-PASS_BASE)@-3
158
159      ! Message 251 is no longer used - available for reuse
160
161      .BASE          252
162
002187E4 163      LINTOOLON      <line is too long, exceeded record length by !+!UL character!%S!/ F
164      .LITERAL      PASSK_LINTOOLON=(PASS_LINTOOLON-PASS_BASE)@-3
165
002187EC 166      NEGWIDDIG      <negative Width or Digits specification is not allowed!+!/ File '!A
167      .LITERAL      PASSK_NEGWIDDIG=(PASS_NEGWIDDIG-PASS_BASE)@-3
168
002187F4 169      WRIINVENU      <WRITE of an invalid enumerated value!+!/ File '!AC' Filename '!AS
170      .LITERAL      PASSK_WRIINVENU=(PASS_WRIINVENU-PASS_BASE)@-3

```

```

171
172
173 !+
174 !- Direct and Keyed access errors.
175 !-
176 .BASE 270
177
00218874 178 KEYVALINC <key value is incompatible with this file's key !+!UL!/ File '!AC'
179 .LITERAL PASSK_KEYVALINC=(PASS_KEYVALINC-PASS_BASE)@-3
180
0021887C 181 KEYDUPNOT <key field duplication is not allowed!+!/ File '!AC' Filename '!AS
182 .LITERAL PASSK_KEYDUPNOT=(PASS_KEYDUPNOT-PASS_BASE)@-3
183
00218884 184 KEYCHANOT <key field change is not allowed!+!/ File '!AC' Filename '!AS'>/FA
185 .LITERAL PASSK_KEYCHANOT=(PASS_KEYCHANOT-PASS_BASE)@-3
186
0021888C 187 CURCOMUND <current component is undefined for DELETE or UPDATE!+!/ File '!AC'
188 .LITERAL PASSK_CURCOMUND=(PASS_CURCOMUND-PASS_BASE)@-3
189
00218894 190 FAIGETLOC <failed to GET locked component!+!/ File '!AC' Filename '!AS'>/FAO
191 .LITERAL PASSK_FAIGETLOC=(PASS_FAIGETLOC-PASS_BASE)@-3
192
193
194 !+
195 !- Miscellaneous errors.
196 !-
197 .BASE 300
198
00218964 199 DELNOTALL <DELETE is not allowed for a sequential organization file!+!/ File
200 .LITERAL PASSK_DELNOTALL=(PASS_DELNOTALL-PASS_BASE)@-3
201
0021896C 202 ERRDURDEL <error during DELETE!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
203 .LITERAL PASSK_ERRDURDEL=(PASS_ERRDURDEL-PASS_BASE)@-3
204
00218974 205 ERRDURFIN <error during FIND or FINDK!+!/ File '!AC' Filename '!AS'>/FAO_COU
206 .LITERAL PASSK_ERRDURFIN=(PASS_ERRDURFIN-PASS_BASE)@-3
207
0021897C 208 ERRDURGET <error during GET!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
209 .LITERAL PASSK_ERRDURGET=(PASS_ERRDURGET-PASS_BASE)@-3
210
00218984 211 ERRDURPUT <error during PUT!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
212 .LITERAL PASSK_ERRDURPUT=(PASS_ERRDURPUT-PASS_BASE)@-3
213
0021898C 214 ERRDURRES <error during RESET or RESETK!+!/ File '!AC' Filename '!AS'>/FAO_C
215 .LITERAL PASSK_ERRDURRES=(PASS_ERRDURRES-PASS_BASE)@-3
216
00218994 217 ERRDURREW <error during REWRITE!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
218 .LITERAL PASSK_ERRDURREW=(PASS_ERRDURREW-PASS_BASE)@-3
219
0021899C 220 ERRDURTRU <error during TRUNCATE!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
221 .LITERAL PASSK_ERRDURTRU=(PASS_ERRDURTRU-PASS_BASE)@-3
222
002189A4 223 ERRDURUNL <error during UNLOCK!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
224 .LITERAL PASSK_ERRDURUNL=(PASS_ERRDURUNL-PASS_BASE)@-3
225
002189AC 226 ERRDURUPD <error during UPDATE!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3
227 .LITERAL PASSK_ERRDURUPD=(PASS_ERRDURUPD-PASS_BASE)@-3

```

002189B4	228 229 230	FILNOTDIR .LITERAL	<file is not opened for direct access!+!/ File '!AC' Filename '!AS' PASSK_FILNOTDIR=(PASS_FILNOTDIR-PASS_BASE)@-3
002189BC	231 232 233	FILNOTGEN .LITERAL	<file is not in Generation mode!+!/ File '!AC' Filename '!AS'>/FAO PASSK_FILNOTGEN=(PASS_FILNOTGEN-PASS_BASE)@-3
002189C4	234 235 236	FILNOTINS .LITERAL	<file is not in Inspection mode!+!/ File '!AC' Filename '!AS'>/FAO PASSK_FILNOTINS=(PASS_FILNOTINS-PASS_BASE)@-3
002189CC	237 238 239	FILNOTKEY .LITERAL	<file is not opened for keyed access!+!/ File '!AC' Filename '!AS' PASSK_FILNOTKEY=(PASS_FILNOTKEY-PASS_BASE)@-3
002189D4	240 241 242	FILNOTOPE .LITERAL	<file is not open!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3 PASSK_FILNOTOPE=(PASS_FILNOTOPE-PASS_BASE)@-3
002189DC	243 244 245	FILNOTSEQ .LITERAL	<file is not sequential organization!+!/ File '!AC' Filename '!AS' PASSK_FILNOTSEQ=(PASS_FILNOTSEQ-PASS_BASE)@-3
002189E4	246 247 248	FILNOTTEX .LITERAL	<file is not a textfile!+!/ File '!AC' Filename '!AS'>/FAO_COUNT=3 PASSK_FILNOTTEX=(PASS_FILNOTTEX-PASS_BASE)@-3
002189EC	249 250 251	GENNOTALL .LITERAL	<Generation mode is not allowed for a READONLY file!+!/ File '!AC' PASSK_GENNOTALL=(PASS_GENNOTALL-PASS_BASE)@-3
002189F4	252 253 254	GETAFTEOF .LITERAL	<GET attempted after end-of-file!+!/ File '!AC' Filename '!AS'>/FA PASSK_GETAFTEOF=(PASS_GETAFTEOF-PASS_BASE)@-3
002189FC	255 256 257	INSNOTALL .LITERAL	<Inspection mode is not allowed for a WRITEONLY file!+!/ File '!AC' PASSK_INSNOTALL=(PASS_INSNOTALL-PASS_BASE)@-3
00218A04	258 259 260	INSVIRMEM .LITERAL	<insufficient virtual memory!+!/ File '!AC' Filename '!AS'>/FAO_CO PASSK_INSVIRMEM=(PASS_INSVIRMEM-PASS_BASE)@-3
00218A0C	261 262 263	INVARGPAS .LITERAL	<invalid argument to Pascal Run-Time Library!+!/ File '!AC' Filena PASSK_INVARGPAS=(PASS_INVARGPAS-PASS_BASE)@-3
00218A14	264 265 266	LINVALEXC .LITERAL	<LINELIMIT value exceeded!+!/ File '!AC' Filename '!AS'>/FAO_COUNT PASSK_LINVALEXC=(PASS_LINVALEXC-PASS_BASE)@-3
00218A1C	267 268 269	REWNOTALL .LITERAL	<REWRITE is not allowed for a shared file!+!/ File '!AC' filename PASSK_REWNOTALL=(PASS_REWNOTALL-PASS_BASE)@-3
00218A24	270 271 272	RESNOTALL .LITERAL	<RESET is not allowed on an unopened internal file!+!/ File '!AC' PASSK_RESNOTALL=(PASS_RESNOTALL-PASS_BASE)@-3
00218A2C	273 274 275	TRUNOTALL .LITERAL	<TRUNCATE is not allowed for a shared file!+!/ File '!AC' filename PASSK_TRUNOTALL=(PASS_TRUNOTALL-PASS_BASE)@-3
00218A34	276 277 278	UPDNOTALL .LITERAL	<UPDATE is not allowed for a sequential organization file!+!/ File PASSK_UPDNOTALL=(PASS_UPDNOTALL-PASS_BASE)@-3
	279 280 281 282 283 284		

!+
 . Message numbers 1000-1999 are for messages without a valid PFV.

```

285 .-
286
287 .BASE 1000
00219F44 288 INVFILVAR <invalid file variable at location !XL>/FAO_COUNT=1
00219F4C 289 FILALRACT <file '!AC' is already active>/FAO_COUNT=1
00219F54 290 ERRDURNEW <error during NEW>
00219F5C 291 ERRDURDIS <error during DISPOSE>
00219F64 292 ERRDURMAR <error during MARK>
00219F6C 293 ERRDURREL <error during RELEASE>
00219F74 294 GOTO <non-local GOTO requested!+!+>/FAO=2
00219F7C 295 GOTOFAILED <non-local GOTO failed>
00219F84 296 HALT <HALT procedure called>
00219F8C 297 BUGCHECK <internal consistency failure !UL in Pascal Run-Time Library!/>
00219F94 298 NEGDIGARG <negative Digits argument to BIN, HEX or OCT is not allowed>
00219F9C 299 CONTINUE <I/O error dismissed by user handler!+>/FAO=1
300
301 !+
302 Messages 2000 and up are for errors detected in the compiled code at
303 run-time. The compiled code has in the instruction stream a byte value
304 (0-63) which denotes the specific message to signal (2000-2063). The
305 particular exception conditions recognized by PASSHANDLER as being
306 run-time error checking exceptions, and the locations of the code byte,
307 are as follows:
308
309 Exception Instruction Code byte location
310 -----
311 SSS_OPDCDEC HALT .BYTE after HALT
312 SSS_SUBRNG INDEX TSTB #x (current instruction)
313 SSS_INTOVF any TSTB #x (current instruction)
314 .-
315
316 .BASE 2000
317
00218E84 318 ARRINDVAL <array index value is out of range>
00218E8C 319 ARRNOTCOM <conformant array is not compatible>
00218E94 320 ARRNOTSTR <conformant array is not a string>
00218E9C 321 CASSELVAL <CASE selector value is out of range>
00218EA4 322 CONCATLEN <string concatenation has more than 65535 characters>
00218EAC 323 PADLENERR <PAD length error>
00218EB4 324 PTRREFNIL <pointer reference to NIL>
00218EBC 325 SETASGVAL <set assignment value has element out of range>
00218EC4 326 SETCONVAL <set constructor value is out of range>
00218ECC 327 STRASGLN <string assignment length error>
00218ED4 328 STRCOMLEN <strings comparison length error>
00218EDC 329 SUBASGVAL <subrange assignment value is out of range>
00218EE4 330 SUBSTRSEL <SUBSTR selection error>
00218EEC 331 VARINDVAL <varying index value is greater than current length>
00218EF4 332 ORDVALOUT <ordinal value is out of range>
333
334 !+
335 If the byte code in the instruction stream is PASSK_IGNORE, PASSHANDLER
336 simply does a CONTINUE.
337 .-
338
339 .LITERAL PASSK_IGNORE=63
340
341 +

```



```

342 | *****
343 | Message numbers 3000-3999 are reserved for SeaPascal.
344 | *****
345 | -
346 |
347 | +
348 | Define literals which can be used to test for specific groups of messages.
349 | -
350 |
351 |         .LITERAL          PASSK_MSGV2LO=200      | Lowest V2 message number
352 |         .LITERAL          PASSK_MSGCONTLO=200    | Lowest continuable error
353 |         .LITERAL          PASSK_MSGCONTHI=999    | Highest continuable error
354 |         .LITERAL          PASSK_MSGPFVHI=999    | Highest message with a valid PFV
355 |         .LITERAL          PASSK_MSGCHKBAS=2000   | Base of run-time checking messages
356 |
357 | +
358 | Define STATUS codes for EOF and SUCCESS
359 | -
360 |
361 |         .LITERAL          PASSK_EOF = -1
362 |         .LITERAL          PASSK_SUCCESS = 0
363 |
364 |         .END
365 |

```

There were 0 errors, 0 warnings, and 0 informational messages issued.
MESSAGE/NOSYMBOLS/LIS=LISS:PA\$MSGTXT/OBJ=OBJ\$:PA\$MSGTXT MSRC\$:PASMSG

