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BBBBBBBB      AAAAAA      SSSSSSSS      DDDDDDDD      IIIIII      SSSSSSSS      PPPPPPPP      AAAAAA      TTTTTTTTTT
BBBBBBBB      AAAAAA      SSSSSSSS      DDDDDDDD      IIIIII      SSSSSSSS      PPPPPPPP      AAAAAA      TTTTTTTTTT
BB      BB      AA      AA      SS      DD      DD      II      SS      PP      PP      AA      AA      TT
BB      BB      AA      AA      SS      DD      DD      II      SS      PP      PP      AA      AA      TT
BB      BB      AA      AA      SS      DD      DD      II      SS      PP      PP      AA      AA      TT
BB      BB      AA      AA      SS      DD      DD      II      SS      PP      PP      AA      AA      TT
BBBBBBBB      AA      AA      SSSSSS      DD      DD      II      SSSSSS      PPPPPPPP      AA      AA      TT
BBBBBBBB      AA      AA      SSSSSS      DD      DD      II      SSSSSS      PPPPPPPP      AA      AA      TT
BB      BB      AAAAAAAAAA      SS      DD      DD      II      PP      AAAAAAAAAA      TT
BB      BB      AAAAAAAAAA      SS      DD      DD      II      PP      AAAAAAAAAA      TT
BB      BB      AA      AA      SS      DD      DD      II      PP      AA      AA      TT
BB      BB      AA      AA      SS      DD      DD      II      PP      AA      AA      TT
BBBBBBBB      AA      AA      SSSSSSSS      DDDDDDDD      IIIIII      SSSSSSSS      PP      AA      AA      TT
BBBBBBBB      AA      AA      SSSSSSSS      DDDDDDDD      IIIIII      SSSSSSSS      PP      AA      AA      TT

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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

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1 0001 0 MODULE BAS$$DISPATCH_T ( ; I/O dispatch tables for all languages
2 0002 0 IDENT = '1-021' ; file: BASDISPAT.B32 Edit: PLL1021
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 **
31 0031 1 FACILITY: BASIC I/O
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contains the Global dispatch tables for the UDF (user data
36 0036 1 formatter) level and REC (record) level for BASIC.
37 0037 1 In addition it contains a routine which signals errors for invalid
38 0038 1 statement types.
39 0039 1
40 0040 1 ENVIRONMENT:
41 0041 1
42 0042 1 AST reentrant - all OWN storage is read only
43 0043 1
44 0044 1 AUTHOR: Donald G. Petersen , CREATION DATE: 07-Dec-78
45 0045 1
46 0046 1 MODIFIED BY:
47 0047 1
48 0048 1 DGP,06-Dec-78 : VERSION 1-001
49 0049 1 1-001 - original. DGP 06-Dec-78
50 0050 1 1-002 - Add some functionality to OTSS$$SIGDIS_ERR. DGP 08-Dec-78
51 0051 1 1-003 - Change dispatch tables to longwords. DGP 11-Dec-78
52 0052 1 1-004 - Add Basic READ to dispatch tables. DGP 12-Dec-78
53 0053 1 1-005 - Change FORLNK require file to OTSLNK. JBS 22-DEC-78
54 0054 1 1-006 - Signal the proper errors in the error routine. DGP 18-Jan-79
55 0055 1 1-007 - Change file name to OTSDISPAT to agree with RTL standards
56 0056 1 and internal comments. JBS 27-JAN-1979
57 0057 1 1-008 - Use 32-bit addresses for externals. JBS 27-JAN-1979
    
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.. 58      0058 1 1-009 - Track SBL's changes to the statement types in the ISB.  
.. 59      0059 1      JBS 09-FEB-1979  
.. 60      0060 1 1-010 - Add GET and PUT. DGP 19-Feb-79  
.. 61      0061 1 1-011 - Add PRINT USING and straighten up a lot of Basic stuff. DGP  
.. 62      0062 1      15-May-79  
.. 63      0063 1 1-012 - Add MAT INPUT. DGP 05-Jun-79  
.. 64      0064 1 1-013 - Add MAT PRINT. DGP 15-Jun-79  
.. 65      0065 1 1-014 - Add remaining FORTRAN statement types. Indexed REWRITE,  
.. 66      0066 1      keyed READ, internal READ and WRITE. SBL 18-Jun-1979  
.. 67      0067 1 1-015 - Remove all of the FORTRAN entries. They are moved to  
.. 68      0068 1      FOR$$DISPATCH_T. Rename this module BAS$$DISPATCH_T.  
.. 69      0069 1      JBS 26-JUN-1979  
.. 70      0070 1 1-016 - Use ISB symbols for table length. JBS 12-JUL-1979  
.. 71      0071 1 1-017 - Add BAS$$SIGDIS JSB. JBS 01-AUG-1979  
.. 72      0072 1 1-018 - Add Basic MAT READ and MAT LINPUT. DGP 11-Oct-79  
.. 73      0073 1 1-019 - Add REC9 for Mat Print. DGP 12-Oct-79  
.. 74      0074 1 1-020 - Add BAS$$REC MLI1. DGP 12-Oct-79  
.. 75      0075 1 1-021 - Add Basic GET by RFA and FIND by RFA. PLL 4-Jun-1982  
.. 76      0076 1  --  
.. 77      0077 1  
.. 78      0078 1 !<BLF/PAGE>
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80 0079 1 |
81 0080 1 | SWITCHES:
82 0081 1 |
83 0082 1 |
84 0083 1 | SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
85 0084 1 |
86 0085 1 |
87 0086 1 | LINKAGE
88 0087 1 |
89 0088 1 |
90 0089 1 | REQUIRE 'RTLIN:OTSLNK'; ! Define all linkages
91 0518 1 |
92 0519 1 |
93 0520 1 | TABLE OF CONTENTS:
94 0521 1 |
95 0522 1 |
96 0523 1 | FORWARD ROUTINE
97 0524 1 |     BAS$$SIGDIS_ERR : CALL_CCB NOVALUE, ! Signal a dispatch error
98 0525 1 |     BAS$$SIGDIS_JSB : JSB_ODFO NOVALUE; ! (JSB entry point)
99 0526 1 |
100 0527 1 |
101 0528 1 | INCLUDE FILES:
102 0529 1 |
103 0530 1 |
104 0531 1 | REQUIRE 'RTLIN:RTLPSECT';
105 0626 1 |
106 0627 1 | REQUIRE 'RTLML:OTSISB'; ! Define ISB offsets
107 0795 1 |
108 0796 1 | REQUIRE 'RTLML:OTSLUB'; ! Define LUB offsets
109 0936 1 |
110 0937 1 |
111 0938 1 | MACROS:
112 0939 1 |
113 0940 1 |     NONF
114 0941 1 |
115 0942 1 | EQUATED SYMBOLS:
116 0943 1 |
117 0944 1 |     NONE
118 0945 1 |
119 0946 1 | EXTERNAL REFERENCES:
120 0947 1 |
121 0948 1 |
122 0949 1 | EXTERNAL LITERAL
123 0950 1 |     OT$$_FATINTERR,
124 0951 1 |     OT$$_IO_CONCLO;
125 0952 1 |
126 0953 1 | EXTERNAL ROUTINE
127 0954 1 |     LIB$$STOP : NOVALUE; ! Signal an error and stop
128 0955 1 |
129 0956 1 |
130 0957 1 | * Formatting level of abstraction
131 0958 1 |
132 0959 1 |
133 0960 1 | EXTERNAL ROUTINE
134 0961 1 |     BAS$$UDF_RLO : JSB_UDFO NOVALUE, ! Initialize read list-directed
135 0962 1 |     BAS$$UDF_RL1 : CALL_CCB, ! Transmit one I/O list element
136 0963 1 |     BAS$$UDF_RL9 : JSB_ODF9 NOVALUE, ! Terminate read list directed

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: 137 0964 1 BASS$UDF_WF0 : CALL_CCB NOVALUE, ! Initialize write formatted
: 138 0965 1 BASS$UDF_WF1 : CALL_CCB NOVALUE, ! Transmit one I/O list element
: 139 0966 1 BASS$UDF_WF9 : JSB_ODF9 NOVALUE, ! Terminate write formatted
: 140 0967 1 BASS$UDF_WL0 : JSB_UDF0 NOVALUE, ! Initialize write list-directed
: 141 0968 1 BASS$UDF_WL1 : CALL_CCB NOVALUE, ! Transmit one I/O list element
: 142 0969 1 BASS$UDF_WL9 : JSB_ODF9 NOVALUE, ! Terminate write list-directed
: 143 0970 1 BASS$UDF_RMFO : JSB_UDF0 NOVALUE, ! Initialize read memory formatted
: 144 0971 1 BASS$UDF_RMF1 : CALL_CCB NOVALUE, ! Transmit one I/O list element
: 145 0972 1 BASS$UDF_RMF9 : JSB_ODF9 NOVALUE; ! Terminate read memory formatted
: 146 0973 1
: 147 0974 1 !+
: 148 0975 1 ! Record processing level of abstraction
: 149 0976 1 !-
: 150 0977 1
: 151 0978 1 EXTERNAL ROUTINE
: 152 0979 1 BASS$REC_RSLO : JSB_REC0 NOVALUE, ! Initialize read list-directed
: 153 0980 1 BASS$REC_RSL1 : JSB_REC1 NOVALUE, ! Transmit one record
: 154 0981 1 BASS$REC_RSL9 : JSB_REC9 NOVALUE, ! Terminate read list-directed
: 155 0982 1 BASS$REC_WF0 : JSB_REC0 NOVALUE, ! Initialize write formatted
: 156 0983 1 BASS$REC_WF1 : JSB_REC1 NOVALUE, ! Write one record
: 157 0984 1 BASS$REC_WF9 : JSB_REC9 NOVALUE, ! Terminate write formatted
: 158 0985 1 BASS$REC_WSLO : JSB_REC0 NOVALUE, ! Initialize write list-directed
: 159 0986 1 BASS$REC_WSL1 : JSB_REC1 NOVALUE, ! Write one record
: 160 0987 1 BASS$REC_WSL9 : JSB_REC9 NOVALUE, ! Terminate write list-directed
: 161 0988 1 BASS$REC_RMFO : JSB_REC0 NOVALUE, ! Initialize read memory formatted
: 162 0989 1 BASS$REC_RMF1 : JSB_REC1 NOVALUE, ! More initialization
: 163 0990 1 BASS$REC_RMF9 : JSB_REC9 NOVALUE, ! Terminate read memory formatted
: 164 0991 1 BASS$REC_GSE : JSB_REC9 NOVALUE, ! GET sequential (RMS) one record
: 165 0992 1 BASS$REC_PSE : JSB_REC9 NOVALUE, ! PUT sequential (RMS) one record
: 166 0993 1 BASS$REC_MPR9 : JSB_REC9 NOVALUE, ! terminate Mat Print
: 167 0994 1 BASS$REC_MIN0 : JSB_REC0 NOVALUE, ! initialize MAT INPUT
: 168 0995 1 BASS$REC_MIN1 : JSB_REC1, ! read one record
: 169 0996 1 BASS$REC_MIN9 : JSB_REC9 NOVALUE, ! terminate MAT INPUT
: 170 0997 1 BASS$REC_MLI1 : JSB_REC1, ! Mat Linput - read one record
: 171 0998 1 BASS$REC_MRE1 : JSB_REC1; ! return failure - MAT READ
: 172 0999 1
: 173 1000 1 !
: 174 1001 1 ! OWN STORAGE:
: 175 1002 1 !
: 176 1003 1 DISPATCH_PSECTS (BAS); ! Define GLOBAL PSECTS same as code
: 177 1004 1 ! so short offsets to reach
: 178 1005 1 !<BLF/PAGE>

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180 1006 1 !+
181 1007 1 GLOBAL DISPATCH VECTORS (indexed by I/O statement type numbers):
182 1008 1 Connects the first level of abstraction (UPI) to the
183 1009 1 second level (UDF). Note: The comments down the
184 1010 1 side describe the I/O statement index (UPI level) into the
185 1011 1 dispatch table rather than the external routine contained in
186 1012 1 the entry (UDF level). The entries are the name of the
187 1013 1 User data formatters (UDF level = 2nd level of abstraction) -
188 1014 1 First letter: R = READ, W = WRITE; second letter: F = formatted,
189 1015 1 W = unformatted, L = list-directed.
190 1016 1 Declare as GLOBAL rather than GLOBAL BIND because
191 1017 1 BLISS doesn't allow BIND table = ... - table).
192 1018 1 -
193 1019 1 !+
194 1020 1 Initialization of UDF level:
195 1021 1 -
196 1022 1
197 1023 1 GLOBAL
198 1024 1 BAS$$AA_UDF_PRO : VECTOR [ISB$K BASSTTYHI - ISB$K BASSTTYLO + 2,, SIGNED] INITIAL (
199 1025 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, ! I/O on closed unit
200 1026 1 ! I/O statement type:
201 1027 1 BAS$$UDF_WLO - BAS$$AA_UDF_PRO, BASIC Print
202 1028 1 BAS$$UDF_RLO - BAS$$AA_UDF_PRO, BASIC Linput
203 1029 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC PUT place holder
204 1030 1 BAS$$UDF_RLO - BAS$$AA_UDF_PRO, BASIC Input
205 1031 1 BAS$$UDF_WFO - BAS$$AA_UDF_PRO, BASIC Print Using
206 1032 1 BAS$$UDF_RLO - BAS$$AA_UDF_PRO, BASIC Input Line
207 1033 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC DELETE place holder
208 1034 1 BAS$$UDF_RMFO - BAS$$AA_UDF_PRO, BASIC Read memory formatted
209 1035 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC UPDATE place holder
210 1036 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC GET sequential
211 1037 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC RESTORE place holder
212 1038 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC SCRATCH place holder
213 1039 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC PUT relative place holder
214 1040 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC GET relative place holder
215 1041 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC FIND relative place holder
216 1042 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC UNLOCK place holder
217 1043 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC FREE place holder
218 1044 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC GET indexed place holder
219 1045 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC PUT indexed place holder
220 1046 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC MOVE FROM/MOVE TO place holder
221 1047 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC FIND indexed place holder
222 1048 1 BAS$$UDF_RLO - BAS$$AA_UDF_PRO, BASIC MAT INPUT
223 1049 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC RESTORE place holder
224 1050 1 BAS$$UDF_RLO - BAS$$AA_UDF_PRO, BASIC eventually MAT LINPUT
225 1051 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC FIND seq. place holder
226 1052 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC place holder
227 1053 1 BAS$$UDF_WLO - BAS$$AA_UDF_PRO, BASIC MAT PRINT
228 1054 1 BAS$$UDF_RMFO - BAS$$AA_UDF_PRO, BASIC MAT READ
229 1055 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO, BASIC GET by RFA place holder
230 1056 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PRO); BASIC FIND by RFA place holder
231 1057 1 !<BLF/PAGE>

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: 233      1058 1 !+
: 234      1059 1 ! Transmit a single I/O list element
: 235      1060 1 !-
: 236      1061 1
: 237      1062 1 GLOBAL
: 238      1063 1   BAS$$AA_UDF_PR1 : VECTOR [ISB$K BASSTTYHI - ISB$K BASSTTYLO + 2,, SIGNED] INITIAL (
: 239      1064 1   -BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! I/O on closed unit
: 240      1065 1   ! I/O statement type:
: 241      1066 1   BAS$$UDF_WL1 - BAS$$AA_UDF_PR1, ! BASIC Print
: 242      1067 1   BAS$$UDF_RL1 - BAS$$AA_UDF_PR1, ! BASIC Linput
: 243      1068 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC place holder for PUT
: 244      1069 1   BAS$$UDF_RLT - BAS$$AA_UDF_PR1, ! BASIC Input
: 245      1070 1   BAS$$UDF_WF1 - BAS$$AA_UDF_PR1, ! BASIC Print Using
: 246      1071 1   BAS$$UDF_RL1 - BAS$$AA_UDF_PR1, ! BASIC Input Line
: 247      1072 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC DELETE place holder
: 248      1073 1   BAS$$UDF_RMF1 - BAS$$AA_UDF_PR1, ! BASIC Read memory formatted
: 249      1074 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC UPDATE place holder
: 250      1075 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC GET seq. place holder
: 251      1076 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC RESTORE place holder
: 252      1077 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC SCRATCH place holder
: 253      1078 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC PUT relative place holder
: 254      1079 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC GET relative place holder
: 255      1080 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC FIND relative place holder
: 256      1081 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC UNLOCK place holder
: 257      1082 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC FREE place holder
: 258      1083 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC GET indexed place holder
: 259      1084 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC PUT indexed place holder
: 260      1085 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC MOVE FROM/MOVE TO place holder
: 261      1086 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC FIND indexed place holder
: 262      1087 1   BAS$$UDF_RLT - BAS$$AA_UDF_PR1, ! BASIC MAT INPUT
: 263      1088 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC RESTORE place holder
: 264      1089 1   BAS$$UDF_RLT - BAS$$AA_UDF_PR1, ! BASIC Mat Linput
: 265      1090 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC FIND seq. place holder
: 266      1091 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC place holder
: 267      1092 1   BAS$$UDF_WLT - BAS$$AA_UDF_PR1, ! BASIC MAT PRINT
: 268      1093 1   BAS$$UDF_RMF1 - BAS$$AA_UDF_PR1, ! BASIC MAT READ
: 269      1094 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1, ! BASIC GET by RFA place holder
: 270      1095 1   BAS$$SIGDIS_ERR - BAS$$AA_UDF_PR1); ! BASIC FIND by RFA place holder
: 271      1096 1 !<BLF/PAGE>

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273 1097 1 !+
274 1098 1 ! End I/O list entry points:
275 1099 1 !-
276 1100 1
277 1101 1 GLOBAL
278 1102 1 BAS$$AA_UDF_PR9 : VECTOR [ISB$K BASSTTYHI - ISB$K BASSTTYLO + 2,, SIGNED] INITIAL (
279 1103 1 -BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! I/O on closed unit
280 1104 1 ! I/O statement type:
281 1105 1 BAS$$UDF_WL9 - BAS$$AA_UDF_PR9, ! BASIC Print
282 1106 1 BAS$$UDF_RL9 - BAS$$AA_UDF_PR9, ! BASIC Linput
283 1107 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC place holder for PUT
284 1108 1 BAS$$UDF_RL9 - BAS$$AA_UDF_PR9, ! BASIC Input
285 1109 1 BAS$$UDF_WF9 - BAS$$AA_UDF_PR9, ! BASIC Print Using
286 1110 1 BAS$$UDF_RL9 - BAS$$AA_UDF_PR9, ! BASIC Input Line
287 1111 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC DELETE place holder
288 1112 1 BAS$$UDF_RMF9 - BAS$$AA_UDF_PR9, ! BASIC Read memory formatted
289 1113 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC UPDATE place holder
290 1114 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC GET seq. place holder
291 1115 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC RESTORE place holder
292 1116 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC SCRATCH place holder
293 1117 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC PUT relative place holder
294 1118 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC GET relative place holder
295 1119 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC FIND relative place holder
296 1120 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC UNLOCK place holder
297 1121 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC FREE place holder
298 1122 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC GET indexed place holder
299 1123 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC PUT indexed place holder
300 1124 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC MOVE FROM/MOVE TO place holder
301 1125 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC FIND indexed place holder
302 1126 1 BAS$$UDF_RL9 - BAS$$AA_UDF_PR9, ! BASIC MAT INPUT
303 1127 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC RESTORE place holder
304 1128 1 BAS$$UDF_RL9 - BAS$$AA_UDF_PR9, ! BASIC Mat Linput
305 1129 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC FIND seq. place holder
306 1130 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC place holder
307 1131 1 BAS$$UDF_WL9 - BAS$$AA_UDF_PR9, ! BASIC MAT PRINT
308 1132 1 BAS$$UDF_RMF9 - BAS$$AA_UDF_PR9, ! BASIC MAT READ
309 1133 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9, ! BASIC GET by RFA place holder
310 1134 1 BAS$$SIGDIS_JSB - BAS$$AA_UDF_PR9); ! BASIC FIND by RFA place holder
311 1135 1 !<BLF/PAGE>
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313 1136 1 !+
314 1137 1 ! Dispatch tables to call record processing level of abstraction
315 1138 1 ! routines (REC = 3rd level). Used to connect 2nd level of
316 1139 1 ! abstraction (UDF) to third level of abstraction (REC).
317 1140 1 ! The dispatch tables are indexed by I/O statement type (1st
318 1141 1 ! level UPI.)
319 1142 1 ! Record processing routine names have the form:
320 1143 1 ! First letters: R = READ, W = WRITE));
321 1144 1 ! Second letters: S = sequential, D = direct, M = memory));
322 1145 1 ! third letters: F = formatted, U = unformatted, L = list-directed.
323 1146 1 !-
324 1147 1 !+
325 1148 1 ! Initialize entry points (read first record or setup
326 1149 1 ! output buffer).
327 1150 1 !-
328 1151 1
329 1152 1 GLOBAL
330 1153 1 BAS$$AA_REC_PRO : VECTOR [ISB$K BASSTTYHI - ISB$K BASSTTYLO + 2,, SIGNED] INITIAL (
331 1154 1 ! BAS$$SIGDIS_JSB - BAS$$XA_REC_PRO, ! I/O to closed unit
332 1155 1 ! ! I/O statement type:
333 1156 1 BAS$$REC_WSLO - BAS$$AA_REC_PRO, ! BASIC Print
334 1157 1 BAS$$REC_RSLO - BAS$$AA_REC_PRO, ! BASIC Linput
335 1158 1 BAS$$REC_PSE - BAS$$AA_REC_PRO, ! BASIC PUT sequential
336 1159 1 BAS$$REC_RSLO - BAS$$AA_REC_PRO, ! BASIC Input
337 1160 1 BAS$$REC_WFO - BAS$$AA_REC_PRO, ! BASIC Print Using
338 1161 1 BAS$$REC_RSLO - BAS$$AA_REC_PRO, ! BASIC Input Line
339 1162 1 BAS$$SIGDIS_JSB - BAS$$XA_REC_PRO, ! BASIC DELETE place holder
340 1163 1 BAS$$REC_RMFO - BAS$$AA_REC_PRO, ! BASIC Read memory formatted
341 1164 1 BAS$$SIGDIS_JSB - BAS$$XA_REC_PRO, ! BASIC UPDATE place holder
342 1165 1 BAS$$REC_GSE - BAS$$AA_REC_PRO, ! BASIC GET sequential
343 1166 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC RESTORE place holder
344 1167 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC SCRATCH place holder
345 1168 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC PUT relative place holder
346 1169 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC GET relative place holder
347 1170 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC FIND relative place holder
348 1171 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC UNLOCK place holder
349 1172 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC FREE place holder
350 1173 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC GET indexed place holder
351 1174 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC PUT indexed place holder
352 1175 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC MOVE FROM/MOVE TO place holder
353 1176 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC FIND indexed place holder
354 1177 1 BAS$$REC_MINO - BAS$$AA_REC_PRO, ! BASIC MAT INPUT
355 1178 1 BAS$$SIGDIS_JSB - BAS$$XA_REC_PRO, ! BASIC RESTORE indexed place holder
356 1179 1 BAS$$REC_RSLO - BAS$$AA_REC_PRO, ! BASIC Mat Linput
357 1180 1 BAS$$SIGDIS_JSB - BAS$$XA_REC_PRO, ! BASIC FIND seq. place holder
358 1181 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO, ! BASIC place holder
359 1182 1 BAS$$REC_WSLO - BAS$$AA_REC_PRO, ! BASIC MAT PRINT
360 1183 1 BAS$$REC_RMFO - BAS$$AA_REC_PRO, ! BASIC MAT READ
361 1184 1 BAS$$SIGDIS_JSB - BAS$$XA_REC_PRO, ! BASIC GET by RFA place holder
362 1185 1 BAS$$SIGDIS_JSB - BAS$$AA_REC_PRO); ! BASIC FIND by RFA place holder
363 1186 1 ! <BLF/PAGE>

```

```
365 1187 1 !+
366 1188 1 ! Intermediate transfer a record - read second and
367 1189 1 ! subsequent records for this I/O statement or write
368 1190 1 ! first and all but last record for this I/O statement.
369 1191 1 !-
370 1192 1
371 1193 1 GLOBAL
372 1194 1 BAS$$AA_REC PR1 : VECTOR [ISB$K BASSTTYHI - ISB$K BASSTTYLO + 2,, SIGNED] INITIAL (
373 1195 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! I/O to closed unit
374 1196 1 ! I/O statement type:
375 1197 1 BAS$$REC_WSL1 - BAS$$AA_REC PR1, ! BASIC Print
376 1198 1 BAS$$REC_RSL1 - BAS$$AA_REC PR1, ! BASIC Linput
377 1199 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC place holder for PUT
378 1200 1 BAS$$REC_RSC1 - BAS$$AA_REC PR1, ! BASIC Input
379 1201 1 BAS$$REC_WF1 - BAS$$AA_REC PR1, ! BASIC Print Using
380 1202 1 BAS$$REC_RSL1 - BAS$$AA_REC PR1, ! BASIC Input Line
381 1203 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC DELETE place holder
382 1204 1 BAS$$REC_RMF1 - BAS$$AA_REC PR1, ! BASIC Read memory formatted
383 1205 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC UPDATE place holder
384 1206 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC GET seq. place holder
385 1207 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC RESTORE place holder
386 1208 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC SCRATCH place holder
387 1209 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC PUT relative place holder
388 1210 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC GET relative place holder
389 1211 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC FIND relative place holder
390 1212 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC UNLOCK place holder
391 1213 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC FREE place holder
392 1214 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC GET indexed place holder
393 1215 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC PUT indexed place holder
394 1216 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC MOVE FROM/MOVE TO place holder
395 1217 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC FIND indexed place holder
396 1218 1 BAS$$REC_MIN1 - BAS$$AA_REC PR1, ! BASIC MAT INPUT
397 1219 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC RESTORE indexed place holder
398 1220 1 BAS$$REC_MLI1 - BAS$$AA_REC PR1, ! BASIC eventually MAT LINPUT
399 1221 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC FIND seq. place holder
400 1222 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC place holder
401 1223 1 BAS$$REC_WSC1 - BAS$$AA_REC PR1, ! BASIC MAT PRINT
402 1224 1 BAS$$REC_MRE1 - BAS$$AA_REC PR1, ! BASIC MAT READ
403 1225 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1, ! BASIC GET by RFA place holder
404 1226 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR1); ! BASIC FIND by RFA place holder
405 1227 1 !<BLF/PAGE>
```

```

: 407 1228 1 !+
: 408 1229 1 ! End of I/O list record processing
: 409 1230 1 !-
: 410 1231 1
: 411 1232 1 GLOBAL
: 412 1233 1 BAS$$AA_REC PR9 : VECTOR [ISB$K BASSTTYHI - ISB$K BASSTTYLO + 2,, SIGNED] INITIAL (
: 413 1234 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! I/O to closed unit
: 414 1235 1 ! I/O statement type:
: 415 1236 1 BAS$$REC_WSL9 - BAS$$AA_REC PR9, ! BASIC Print
: 416 1237 1 BAS$$REC_RSL9 - BAS$$AA_REC PR9, ! BASIC Linput
: 417 1238 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC place holder for PUT
: 418 1239 1 BAS$$REC_RSC9 - BAS$$AA_REC PR9, ! BASIC Input
: 419 1240 1 BAS$$REC_WF9 - BAS$$AA_REC PR9, ! BASIC Print Using
: 420 1241 1 BAS$$REC_RSL9 - BAS$$AA_REC PR9, ! BASIC Input Line
: 421 1242 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC DELETE place holder
: 422 1243 1 BAS$$REC_RMF9 - BAS$$AA_REC PR9, ! BASIC Read memory formatted
: 423 1244 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC UPDATE place holder
: 424 1245 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC GET seq. place holder
: 425 1246 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC RESTORE place holder
: 426 1247 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC SCRATCH place holder
: 427 1248 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC PUT relative place holder
: 428 1249 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC GET relative place holder
: 429 1250 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC FIND relative place holder
: 430 1251 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC UNLOCK place holder
: 431 1252 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC FREE place holder
: 432 1253 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC GET indexed place holder
: 433 1254 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC PUT indexed place holder
: 434 1255 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC MOVE FROM/MOVE TO place holder
: 435 1256 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC FIND indexed place holder
: 436 1257 1 BAS$$REC_RFN9 - BAS$$AA_REC PR9, ! BASIC MAT INPUT
: 437 1258 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC RESTORE indexed place holder
: 438 1259 1 BAS$$REC_RSC - BAS$$AA_REC PR9, ! BASIC Mat Linput
: 439 1260 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC FIND seq. place holder
: 440 1261 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC place holder
: 441 1262 1 BAS$$REC_MPR9 - BAS$$AA_REC PR9, ! BASIC MAT PRINT
: 442 1263 1 BAS$$REC_RMF9 - BAS$$AA_REC PR9, ! BASIC MAT READ
: 443 1264 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9, ! BASIC GET by RFA place holder
: 444 1265 1 BAS$$SIGDIS_JSB - BAS$$AA_REC PR9); ! BASIC FIND by RFA place holder
: 445 1266 1 !+
: 446 1267 1 ! Return to normal PSECT definition
: 447 1268 1 !-
: 448 1269 1 DECLARE_PSECTS (BAS);
: 449 1270 1 !

```





```

00000000* 00000000* 00000000V 00000000* 00000000* 00000000V 000F8 BAS$$AA_UDF PR9:
                                .LONG
00000000V 00000000V 00000000V 00000000* 00000000V 00000000* 00110
00000000V 00000000V 00000000V 00000000V 00000000V 00000000V 00128
00000000V 00000000* 00000000V 00000000V 00000000V 00000000V 00140
00000000V 00000000* 00000000* 00000000V 00000000V 00000000* 00158
                                00000000V 00170
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
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                                <BAS$$UDF_RLT-BAS$$AA_UDF_PRT>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$UDF_WLT-BAS$$AA_UDF_PRT>, -
                                <BAS$$UDF_RMF1-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_ERR-BAS$$AA_UDF_PR1>, -
                                <BAS$$SIGDIS_JSJ-BAS$$AA_UDF_PR9>, -
                                <BAS$$UDF_WL9-BAS$$AA_UDF_PR9>, -
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                                <BAS$$UDF_RMF9-BAS$$AA_UDF_PR9>, -
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                                <BAS$$SIGDIS_JSJ-BAS$$AA_UDF_PR9>, -
00000000* 00000000* 00000000* 00000000* 00000000* 00000000V 00174 BAS$$AA_REC PRO:
                                .LONG
00000000V 00000000* 00000000V 00000000* 00000000V 00000000* 0018C
00000000V 00000000V 00000000V 00000000V 00000000V 00000000V 001A4
00000000V 00000000* 00000000V 00000000V 00000000V 00000000V 001BC
00000000V 00000000* 00000000* 00000000V 00000000V 00000000* 001D4
                                00000000V 001EC
                                <BAS$$SIGDIS_JSJ-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_WSC0-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_RSLO-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_PSE-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_RSLO-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_WFO-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_RSLO-BAS$$AA_REC_PRO>, -
                                <BAS$$SIGDIS_JSJ-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_RMFO-BAS$$AA_REC_PRO>, -
                                <BAS$$SIGDIS_JSJ-BAS$$AA_REC_PRO>, -
                                <BAS$$REC_GSE-BAS$$AA_REC_PRO>, -

```

```

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<BAS$$REC_WS[0-BAS$$AA_REC_PRO>, -
<BAS$$REC_RMFO-BAS$$AA_REC_PRO>, -
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PRO>, -
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PRO>, -
00000000* 00000000* 00000000V 00000000* 00000000* 00000000V 001F0 BAS$$AA_REC_PR1:
                                .LONG
00000000V 00000000V 00000000V 00000000* 00000000V 00000000* 00208
00000000V 00000000V 00000000V 00000000V 00000000V 00000000V 00220
00000000V 00000000* 00000000V 00000000V 00000000V 00000000V 00238
00000000V 00000000* 00000000* 00000000V 00000000V 00000000* 00250
                                00000000V 00268
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PR1>, -
<BAS$$REC_WS[1-BAS$$AA_REC_PR1>, -
<BAS$$REC_RSL1-BAS$$AA_REC_PR1>, -
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PR1>, -
<BAS$$REC_RS[1-BAS$$AA_REC_PR1>, -
<BAS$$REC_WF1-BAS$$AA_REC_PR1>, -
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<BAS$$REC_RMFO-BAS$$AA_REC_PR1>, -
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<BAS$$REC_MRE1-BAS$$AA_REC_PR1>, -
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PR1>, -
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PR1>, -
00000000* 00000000* 00000000V 00000000* 00000000* 00000000V 0026C BAS$$AA_REC_PR9:
                                .LONG
00000000V 00000000V 00000000V 00000000* 00000000V 00000000* 00284
00000000V 00000000V 00000000V 00000000V 00000000V 00000000V 0029C
00000000V 00000000* 00000000V 00000000V 00000000V 00000000V 002B4
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<BAS$$REC_WS[9-BAS$$AA_REC_PR9>, -
<BAS$$REC_RSL9-BAS$$AA_REC_PR9>, -
<BAS$$SIGDIS_JSB-BAS$$AA_REC_PR9>, -

```



00000000V 00000000\* 00000000\* 00000000V 00000000V 00000000\* 002CC  
00000000V 002E4

<BAS\$\$REC\_RSL9-BAS\$\$AA\_REC\_PR9>, -  
<BAS\$\$REC-WF9-BAS\$\$AA\_REC\_PR9>, -  
<BAS\$\$REC-RSL9-BAS\$\$AA\_REC\_PR9>, -  
<BAS\$\$SIGDIS\_JSB-BAS\$\$AA\_REC\_PR9>, -  
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<BAS\$\$REC-RMF9-BAS\$\$AA\_REC\_PR9>, -  
<BAS\$\$SIGDIS\_JSB-BAS\$\$AA\_REC\_PR9>, -  
<BAS\$\$SIGDIS\_JSB-BAS\$\$AA\_REC\_PR9>, -

.EXTRN OTSS FATINTERR, OTSS IO\_CONCLO  
.EXTRN LIB\$STOP, BAS\$\$UDF\_RCO  
.EXTRN BAS\$\$UDF\_RL1, BAS\$\$UDF\_RL9  
.EXTRN BAS\$\$UDF-WF0, BAS\$\$UDF-WF1  
.EXTRN BAS\$\$UDF-WF9, BAS\$\$UDF-WLO  
.EXTRN BAS\$\$UDF-WL1, BAS\$\$UDF-WL9  
.EXTRN BAS\$\$UDF-RMF0, BAS\$\$UDF-RMF1  
.EXTRN BAS\$\$UDF-RMF9, BAS\$\$REC-RSLO  
.EXTRN BAS\$\$REC-RSL1, BAS\$\$REC-RSL9  
.EXTRN BAS\$\$REC-WF0, BAS\$\$REC-WF1  
.EXTRN BAS\$\$REC-WF9, BAS\$\$REC-WSLO  
.EXTRN BAS\$\$REC-WSL1, BAS\$\$REC-WSL9  
.EXTRN BAS\$\$REC-RMF0, BAS\$\$REC-RMF1  
.EXTRN BAS\$\$REC-RMF9, BAS\$\$REC-GSE  
.EXTRN BAS\$\$REC-PSE, BAS\$\$REC-MPR9  
.EXTRN BAS\$\$REC-MIN0, BAS\$\$REC-MIN1  
.EXTRN BAS\$\$REC-MIN9, BAS\$\$REC-MLI1  
.EXTRN BAS\$\$REC-MRE1

0000 0000 BAS\$\$SIGDIS ERR:

08	FC	AB	E8	00002	
	00000000G	8F	DD	00006	
		06	11	0000C	
	00000000G	8F	DD	0000E	1\$:
00000000G	00	01	FB	00014	2\$:
		04	0001B		

.WORD	Save nothing	:	1271
BLBS	-4(CCB), 1\$	:	1312
PUSHL	#OTSS_IO_CONCLO	:	1317
BRB	2\$	:	
PUSHL	#OTSS FATINTERR	:	1323
CALLS	#1, LIB\$STOP	:	
RFT		:	1326

; Routine Size: 28 bytes, Routine Base: \_BAS\$CODE + 02E8

BAS\$\$DISPATCH\_T  
1-021

F 16  
16-Sep-1984 00:19:30  
14-Sep-1984 11:54:52

VAX-11 Bliss-32 V4.0-742  
[BASRTL.SRC]BASDISPAT.B32;1

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(9)



```

08      FC  AB  E8 0000 BAS$$SIGDIS JSB:
          00000000G 8F DD C0004      BLBS -4(CCB), 1$      : 1368
          06 11 0000A      PUSHL #OTSS_IO_CONCLO : 1373
          00000000G 8F DD 0000C 1$:  BRB 2$      :
00000000G 00 01 FB 00012 2$:  PUSHL #OTSS_FATINTERR : 1379
          05 00019      CALLS #1, LIB$STOP :
          RSB      : 1382

```

: Routine Size: 26 bytes, Routine Base: \_BAS\$CODE + 0304

```

: 564      1383 1 END      !End of module
: 565      1384 1
: 566      1385 0 ELUDOM

```

PSECT SUMMARY

Name	Bytes	Attributes
_BAS\$CODE	798	NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$:BASDISPAT/OBJ=OBJ\$:BASDISPAT MSRC\$:BASDISPAT/UPDATE=(ENH\$:BASDISPAT)

```

: Size:      54 code + 744 data bytes
: Run Time:  00:12.7
: Elapsed Time: 00:27.1
: Lines/CPU Min: 6558
: Lexemes/CPU-Min: 34456
: Memory Used: 135 pages
: Compilation Complete

```



The image displays a grid of 100 small, illegible document thumbnails arranged in 10 rows and 10 columns. The thumbnails are too small to read, but some contain faint text and graphical elements. Several thumbnails are labeled with the following text:

- BASDET LIS
- BASDISPAT LIS
- BASCUTTP LIS
- BASDELETE LIS
- BASDATET LIS
- BASECHO LIS
- BASCUTRP LIS