

1 .ident 'V04-000'
2 .title Obj_Exec_Messages Messages for ANALYZE/OBJECT and ANALYZE/IMAGE
3
4

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6 *
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29 Modifications:

30
31 V03-002 LJA0107 Laurie J. Anderson 30-Jan-1983
32 Add new error message for a bad header block count and
33 a new message for indirect message section filenames.
34
35 V03-001 PCA1011 Paul C. Anagnostopoulos 1-Apr-1983
36 Change the message prefix to ANLOBJ\$ to ensure that
37 message symbols are unique across all ANALYZEs. This
38 is necessitated by the new merged message files.
39 --

40
000000B1 41 .facility analyze,177/prefix=anlobj\$/system
42
00B18009 43 .severity success
44 ok "Normal successful completion."
45
46 .severity informational
00B18013 47 anything "AS"/fao=1
00B1801B 48 datatype "data type: DSC\$K_DTYPE !AC (!UL)"/fao=2
00B18023 49 errorcount "The analysis uncovered !UL error!%S"/fao=1
00B1802B 50 errornone "The analysis uncovered NO errors."
00B18033 51 errors "55<!AS!> !UL error!%S"/fao=2
00B1803B 52 exefixa "ADDRESS Reference Fixups (relative to %X!XL)"/fao=1
00B18043 53 exefixaimage "UL reference!%S to image !UL:"/fao=2
00B1804B 54 exefixaline "!(10XL)"/fao=2
00B18053 55 exefixcount "shareable image count: !UL"/fao=1
00B1805B 56 exefixextra "extra image count: !UL"/fao=1

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00B18063 57 exefixfixed    "Fixed Information"
00B1806B 58 exefixflags    "Flags:"
00B18073 59 exefixg        "G^ Reference Fixups"
00B1807B 60 exefixgimage  "!UL reference!%S to image !UL://fao=2"
00B18083 61 exefixgline  "!(10XL)//fao=2"
00B1808B 62 exefixlist    "Shareable Image List"
00B18093 63 exefixname    "<!UL) '!AC'>/fao=2"
00B1809B 64 exefixname0  "!UL) this image//fao=1"
00B180A3 65 exefixp        "Protection Change Fixups (relative to %X'!XL')//fao=1"
00B180AB 66 exefixpsect  "address: %X'!XL', page count: !UL//fao=2"
00B180B3 67 exefixup      "IMAGE ACTIVATOR FIXUP SECTION"
00B180BB 68 exefixupnone  "There is no fixup section in this image."
00B180C3 69 exegst        "SHAREABLE IMAGE - GLOBAL SYMBOL TABLE"
00B180CB 70 exehdr        "IMAGE HEADER"
00B180D3 71 exehdractive  "Image Activation Information"
00B180DB 72 exehdrblkcount "header block count: !UL//fao=1"
00B180E3 73 exehdrchancount "I/O channel count: !UL//fao=1"
00B180EB 74 exehdrchandef "I/O channel count: default"
00B180F3 75 exehdrdececo  "DEC eco levels 1- 98: %X'!XL', %X'!XL', %X'!XL'//fao=3"
00B180FB 76 exehdrdst     "debug symbol table VBN: !UL, block count: !UL//fao=2"
00B18103 77 exehdrfileid  "<image file identification: '!AC'>/fao=1"
00B1810B 78 exehdrfixed   "Fixed Header Information"
00B18113 79 exehdrflags  "linker flags:"
00B1811B 80 exehdrgblident "global section major id: %X'!2<!XL!>', minor id: %X'!-!6XL'//fao=2"
00B18123 81 exehdrgst     "global symbol table VBN: !UL, record count: !UL//fao=2"
00B1812B 82 exehdrident  "Image Identification Information"
00B18133 83 exehdrimageid "image format major id: !AD, minor id: !AD//fao=2"
00B1813B 84 exehdrisd    "Image Section Descriptors (ISD)"
00B18143 85 exehdrisdbase "base virtual address: %X'!XL' (!AC space)//fao=2"
00B1814B 86 exehdrisdcount "page count: !UL//fao=1"
00B18153 87 exehdrisdflags "ISD flags:"
00B1815B 88 exehdrisdgblnam "<global section name: '!AC'>/fao=1"
00B18163 89 exehdrisdnum  "!UL) image section descriptor (!UL bytes)//fao=2"
00B1816B 90 exehdrisdpfcddef "page fault cluster size: default"
00B18173 91 exehdrisdpfcsiz "page fault cluster size: !UL//fao=1"
00B1817B 92 exehdrisdtype "section type: ISD$K !AC//fao=1"
00B18183 93 exehdrisdvbn  "base VBN: !UL//fao=1"
00B1818B 94 exehdrlinkid "<linker identification: '!AC'>/fao=1"
00B18193 95 exehdrmatch  "match control: !AC//fao=1"
00B1819B 96 exehdrname    "<image name: '!AC'>/fao=1"
00B181A3 97 exehdrnopatch "There are no patches at this time."
00B181AB 98 exehdrpagecount "I/O page count: !UL//fao=1"
00B181B3 99 exehdrpagedef "I/O page count: default"
00B181BB 100 exehdrpatch  "Patch Information"
00B181C3 101 exehdrpatchdate "last patch date/time: !%D//fao=1"
00B181CB 102 exehdrpriv    "privilege mask: %X'!XL', %X'!XL'//fao=2"
00B181D3 103 exehdrropatch "read-only patch area address: %X'!XL', length: !UL//fao=2"
00B181DB 104 exehdrrowpatch "read/write patch area address: %X'!XL', length: !UL//fao=2"
00B181E3 105 exehdrsymdbg  "Global Symbol Table & Debug Symbol Table Information"
00B181EB 106 exehdrsysver  "system version: !AF//fao=1"
00B181F3 107 exehdrtextvbn "patch command text VBN: !UL//fao=1"
00B181FB 108 exehdrtime    "link date/time: !%D//fao=1"
00B18203 109 exehdrtypeexe "image type: executable (IHD$K EXE)"
00B1820B 110 exehdrtypelim "image type: shareable (IHD$K [IM)"
00B18213 111 exehdrusereco "user eco levels 99-132: %X'!XL'//fao=1"
00B1821B 112 exehdrxfer1  "first transfer address: %X'!XL'//fao=1"
00B18223 113 exehdrxfer2  "second transfer address: %X'!XL'//fao=1"

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00B1822B 114 exehdrxfer3  "third transfer address: %X'!XL'"/fao=1
00B18233 115 exeheading  "42<Analyze Image!> %D Page !UL'"/fao=2
00B1823B 116 exepatch    "PATCH TEXT"
00B18243 117 flag       "5<!UL)!>!16AC !UL'"/fao=3
00B1824B 118 hexdata    "#<!>!#(3XB)! !4XW !!8AF!"/fao=13
00B18253 119 hexheading1 " 7 6 5 4 3 2 1 0          01234567"
00B1825B 120 hexheading2 "-----"
00B18263 121 indmsgsec  "indirect message section filename: !AC'"/fao=1
00B1826B 122 interact  "Press RETURN to continue, or enter a period (.) for next file: "
00B18273 123 mask      "entry mask: <!AS>"/fao=1
00B1827B 124 objcprrec "UL. COPYRIGHT HEADER (OBJ$C_HDR_CPR), !UL bytes"/fao=1
00B18283 125 objdbgrec "UL. DEBUGGER INFORMATION (OBJ$C_DBG), !UL bytes"/fao=2
00B1828B 126 objenv    "environment: !UL'"/fao=1
00B18293 127 objeomflgs "transfer address flags:"
00B1829B 128 objeomrec "UL. END OF MODULE (OBJ$C_EOM), !UL bytes"/fao=2
00B182A3 129 objeomsevabt "severity: abort (!UL)"/fao=1
00B182AB 130 objeomseverr "severity: errors (!UL)"/fao=1
00B182B3 131 objeomsevign "severity: ignored (!UL)"/fao=1
00B182BB 132 objeomsevres "severity: reserved (!UL)"/fao=1
00B182C3 133 objeomsevsuc "severity: successful (!UL)"/fao=1
00B182CB 134 objeomsewvrn "severity: warnings (!UL)"/fao=1
00B182D3 135 objeomwrec "UL. END OF MODULE (OBJ$C_EOMW), !UL bytes"/fao=2
00B182DB 136 objfadpassmech "passing mechanism: ARG$K !AC'"/fao=1
00B182E3 137 objgsdenv  "UL) Environment Specification (GSD$C_ENV)"/fao=1
00B182EB 138 objgsdenvflgs "environment flags:"
00B182F3 139 objgsdenvpar "43<parent environment: !UL!><-- environment !UL'"/fao=2
00B182FB 140 objgsdepm  "UL) Entry Point Symbol and Mask Definition (GSD$C_EPM)"/fao=1
00B18303 141 objgsdepmw "UL) Entry Point Symbol and Mask Definition (GSD$C_EPMW)"/fao=1
00B1830B 142 objgsdidc  "UL) Entity Identity Check (GSD$C_IDC)"/fao=1
00B18313 143 objgsdidcent "entity name: !AF'"/fao=1
00B1831B 144 objgsdidcflgs "identity flags:"
00B18323 145 objgsdidcmatch "match control: IDC$C !AC'"/fao=1
00B1832B 146 objgsdidcobj "object name: !AF'"/fao=1
00B18333 147 objgsdidcvala "ascii ident: !AF'"/fao=1
00B1833B 148 objgsdidcvalb "binary ident: %X'!2<!XL!>', %X'!-!6XL'"/fao=1
00B18343 149 objgsdlepm "UL) Local Entry Point Symbol and Mask Definition (GSD$C_LEPM)"/fao=1
00B1834B 150 objgsdlpro "UL) Local Procedure with Formal Argument Definition (GSD$C_LPRO)"/fao=1
00B18353 151 objgsdlsy "UL) Local Symbol Specification (GSD$C_LSY)"/fao=1
00B1835B 152 objgsdpro "UL) Procedure with Formal Argument Definition (GSD$C_PRO)"/fao=1
00B18363 153 objgsdproW "UL) Procedure with Formal Argument Definition (GSD$C_PROW)"/fao=1
00B1836B 154 objgsdpsec "UL) Program Section Definition (GSD$C_PSC)"/fao=1
00B18373 155 objgsdpsecalign "49<alignment: !UL-byte boundary!><-- psect !UL'"/fao=2
00B1837B 156 objgsdpsecalloc "allocation: !UL (%X'!-!XL)"/fao=1
00B18383 157 objgsdpsecbase "base address: %X'!XL'"/fao=1
00B1838B 158 objgsdpsecflgs "attribute flags:"
00B18393 159 objgsdrec  "UL. GLOBAL SYMBOL DIRECTORY (OBJ$C_GSD), !UL bytes"/fao=2
00B1839B 160 objgsdspsec "UL) Shareable Image Program Section Definition (GSD$C_SPSC)"/fao=1
00B183A3 161 objgsdsym  "UL) Global Symbol Specification (GSD$C_SYM)"/fao=1
00B183AB 162 objgsdsymw "UL) Global Symbol Specification (GSD$C_SYMW)"/fao=1
00B183B3 163 objgtxrec  "UL. GENERAL TEXT HEADER (OBJ$C_HDR_GTX), !UL bytes"/fao=1
00B183BB 164 objhdrignrec "UL. IGNORED HEADER (subtype !UC), !UL bytes"/fao=3
00B183C3 165 objheading "42<Analyze Object File!> %D Page !UL'"/fao=2
00B183CB 166 objlitindex "literal index: !UL'"/fao=1
00B183D3 167 objlnkrec  "UL. LINK OPTION SPECIFICATION (OBJ$C_LNK), !UL bytes"/fao=2
00B183DB 168 objlnmrec  "UL. LANGUAGE PROCESSOR HEADER (OBJ$C_HDR_LNM), !UL bytes"/fao=2
00B183E3 169 objmhdcreate "creation date/time: !AS'"/fao=1
00B183EB 170 objmhdname  "<module name: '!AF'>/fao=1

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00B183F3 171 objmhdpatch    "last patch date/time: !AS"/fao=1
00B183FB 172 objmhdrec      "UL. MODULE HEADER (OBJ$C_HDR_MHD), !UL bytes"/fao=2
00B18403 173 objmhddressiz "maximum record size: !UL"/fao=1
00B18408 174 objmhdstrlvl   "structure level: !UL"/fao=1
00B18413 175 objmhdversion <module version: "!AF"/fao=1
00B18418 176 objmtccorrect  <correction file: "!AF"/fao=1
00B18423 177 objmtcinput    <input file: "!AF"/fao=1
00B18428 178 objmtcname     <utility: "!AF"/fao=1
00B18433 179 objmtcrec      "UL. MAINTENANCE STATUS HEADER (OBJ$C_HDR_MTC), !UL bytes"/fao=2
00B18438 180 objmtcseqnum   "sequence number: !UL"/fao=1
00B18443 181 objmtcuic      "UIC: [!OB,!OB]"/fao=2
00B18448 182 objmtcversion  <version: "!AF"/fao=1
00B18453 183 objmtcwhen     "date/time: !AS"/fao=1
00B18458 184 objproargcount "argument count: !UL to !UL"/fao=2
00B18463 185 objproargnum   "argument #!UL -"/fao=1
00B18468 186 objpsect       "psect: !UL"/fao=1
00B18473 187 objsrcrec      "UL. SOURCE FILE HEADER (OBJ$C_HDR_SRC), !UL bytes"/fao=1
00B18478 188 objstatheading1 "SUMMARY STATISTICS:"
00B18483 189 objstatheading2 "Record Type! Count! Total Bytes"
00B18488 190 objstatline     "OBJ$C !AC! !5UL! !6UL"/fao=3
00B18493 191 objstattotal   "Totals! !5UL! !6UL"/fao=2
00B18498 192 objsymbol      <symbol: "!AF"/fao=1
00B184A3 193 objsymflags    "symbol flags:"
00B184AB 194 objtirargindex "argument index: !UL"/fao=1
00B184B3 195 objtircmd      "UL) TIR$ !AC (!UL, %X'!-!XB')"/fao=3
00B184BB 196 objtircmdstk   "56<!UL) TIR$ !AC (!UL, %X'!-!XB')!>stack depth: !SL"/fao=4
00B184C3 197 objtbtrec      "UL. TRACEBACK INFORMATION (OBJ$C_TBT), !UL bytes"/fao=1
00B184CB 198 objtirrec      "UL. TEXT INFORMATION/RELOCATION (OBJ$C_TIR), !UL bytes"/fao=1
00B184D3 199 objtirstoim    "UL) Store Immediate, !UB byte!%S:"/fao=2
00B184DB 200 objtirviold     "viold: position !UL, size !UL"/fao=2
00B184E3 201 objttlrec      "UL. TITLE HEADER (OBJ$C_HDR_TTL), !UL bytes"/fao=1
00B184EB 202 objvalue        "value: !SL (%X'!-!XL')"/fao=1
00B184F3 203 objjuvalue     "unsigned value: !UL (%X'!-!XL')"/fao=1
00B184FB 204 protection      "protection: PRT$ !AC"/fao=1
00B18503 205 severity        "severity code: ST$K_!AC"/fao=1
00B18508 206 text           <"!AF"/fao=1
00B18513 207 texthdr        "Textual information:"
00B18518 208 exehdrdmt      "debug module/psect table VBN: !UL, byte count: !UL"/fao=2
209
210                .severity    warning
00B18520 211 nosuchmod      "library !AS does not contain !AS"/fao=2
212
213                .severity    error
00B1852A 214 baddate        "ASDate is not in the correct 17-byte format (dd-mmm-yyyy hh:mm)."/fao=1
00B18532 215 badhdrblkcount "ASBad header block count: !UL"/fao=1
00B1853A 216 badseverity    "ASSeverity code (!UL) is reserved to Digital."/fao=1
00B18542 217 badsym1st     "ASFirst character of symbol cannot be a digit."
00B1854A 218 badsymchar    "ASSymbol contains invalid character(s)."
00B18552 219 badsymlen     "ASLength of symbol is not within valid range of 1 to !UL."/fao=1
00B1855A 220 exebadfixupend "ASfixup information runs off the end of the fixup section."/fao=1
00B18562 221 exebadfixupisd "ASfixup ISD specifies zero VBN or block count."/fao=1
00B1856A 222 exebadfixupvbn "ASfixup section does not fit within image file (VBN: !UL, blocks: !UL)."/f
00B18572 223 exebadisds1   "ASThere is no such thing as S1 space."/fao=1
00B1857A 224 exebadisdtype "ASSection type code (!UL) is invalid."/fao=2
00B18582 225 exebadmatch   "ASMatch control value (!UL) is invalid."/fao=2
00B1858A 226 exebadpatchlen "ASPatch command line is longer than !UL characters."/fao=2
00B18592 227 exebadobj     "ASObject record !UL (type !UL) is invalid in an image."/fao=3

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00B1859A 228 exebadtype      "ASImage type code (!UL) is invalid."/fao=2
00B185A2 229 exebadxfer0      "ASTransfer address list does not end with a zero."/fao=1
00B185AA 230 exehdrisdlong     "ASISD extends beyond end of header block."/fao=1
00B185B2 231 exehdrlong       "ASHeader does not fit within file allocation."/fao=1
00B185BA 232 exeisdlendzro     "ASISD extends beyond format for demand-zero section."/fao=1
00B185C2 233 exeisdlengbl      "ASISD extends beyond format for global section."/fao=1
00B185CA 234 exeisdlenpriv     "ASISD extends beyond format for private section."/fao=1
00B185D2 235 exenotnative      "ASThis file is not a VAX/VMS native image."/fao=1
00B185DA 236 extrabytes        "ASSpurious bytes are present at the end of the record."/fao=1
00B185E2 237 fieldfit         "ASObject record is not large enough to accomodate mandatory fields."/fao=1
00B185EA 238 flagerror         "ASReserved flag bit !UL is set."/fao=1
00B185F2 239 notok             "At least one error occurred."
00B185FA 240 objbadidcmatch    "ASInvalid identity match control value (!UL)."/fao=2
00B18602 241 objbadnum         "AS!_!UL"/fao=2
00B1860A 242 objbadpop         "ASToo many longwords have been popped from the stack."/fao=1
00B18612 243 objbadpush        "ASThe stack still contains !UL longword!%S."/fao=2
00B1861A 244 objbadtype        "ASObject record !UL contains invalid type code !UL."/fao=3
00B18622 245 objbadvfield      "ASVfield cannot be longer than 8 bits and cannot cross a byte boundary."/fa
00B1862A 246 objeombadsev      "ASReserved severity code."/fao=1
00B18632 247 objeommissing    "ASEnd of module record is missing from previous module."/fao=1
00B1863A 248 objfadbadavc      "ASSpurious bits set in argument validation control byte."/fao=1
00B18642 249 objfadbadrbc      "ASNon-zero remaining byte count."/fao=1
00B1864A 250 objgsdbadalign    "ASPsect alignment is greater than maximum alignment of !UL."/fao=2
00B18652 251 objgsdbadsubtyp   "ASGSD record subtype !UL invalid. Remainder of record ignored."/fao=2
00B1865A 252 objhdrres         "ASObject record !UL is a reserved header, subtype !UL."/fao=3
00B18662 253 objmhdbadrecsiz   "ASMaximum record size is too large. Allowable size is up to !UL bytes."/f
00B1866A 254 objmhdbadstrlvl  "ASSpecified structure level is unsupported. Highest supported level is !U
00B18672 255 objmhdmissing     "ASModule header record is missing."/fao=1
00B1867A 256 objnontircmd      "ASThe above command is only valid in Debugger and Traceback records."/fao=
00B18682 257 objnopsc          "ASNo psects were defined in this module."/fao=1
00B1868A 258 objnullrec        "ASObject record !UL has a length of zero."/fao=2
00B18692 259 objp0space        "ASThe above item will result in a reference outside of P0 space."/fao=1
00B1869A 260 objprominmax      "ASMinimum argument count is greater than maximum."/fao=1
00B186A2 261 objpscabslen      "ASThe allocation for an absolute psect must be zero."/fao=1
00B186AA 262 objrectoobig      "ASObject record is longer than maximum size in module header (!UL bytes).
00B186B2 263 objtirres         "ASReserved command !UL encountered. Remainder of record ignored."/fao=1
00B186BA 264 objundefenv        "ASThe following environments were referenced but not defined."/fao=1
00B186C2 265 objundeflit        "ASThe specified literal has not been defined."/fao=1
00B186CA 266 objundefpsc       "ASThe following psects were referenced but not defined."/fao=1
267
268          .severity      fatal
269
270          .end

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There were 0 errors, 0 warnings, and 0 informational messages issued.
MESSAGE/FILE_NAME=FILMNTMSG/LIS=LISS:OBJEXEMSG/OBJ=OBJ\$:OBJEXEMSG MSRC\$:OBJEXEMSG

0006 AH-BT13A-SE
VAX/VMS V4.0

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