ANALYZ

OBJEXEMSG

LIS

```
         1              .ident   'V04-000'
         2              .title   Obj_Exe_Messages Messages for ANALYZE/OBJECT and ANALYZE/IMAGE
         3
         4      !
         5      !**************************************************************.****************
         6      !*                                                                            *
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        24      !*                                                                            *
        25      !*                                                                            *
        26      !****************************************************************************
        27      !
        28      !++
        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$_ to ensure that
        37      !                       message symbols are unique across all ANALYZEs.  This
        38      !                       is necessitated by the new merged message files.
        39      !--
        40
00000001 41              .facility       analyze,177/prefix=anlobj$_/system
        42
        43              .severity       success
00B18009 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 ,1 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
```

C 8

OBJ_EXE_MESSAGES   Messages for ANALYZE/OBJECT 15-SEP-1984 23:51:46 VAX-11 Message V04-00   Page 2
                                                4-SEP-1984 22:55:52 DISK$VMSMASTER:[ANALYZ.SRC]OBJEXEMSG.MSG;1

```
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 exehdrisdpfcdef "page fault cluster size: default"
00B18173    91 exehdrisdpfcsiz "page fault cluster size: !UL"/fao=1
00B1817B    92 exehdrisdtype   "section type: ISD$K_!AC"/fao=1
00B18183    93 exehdrisdvbn    "base VBN: !UL"/fao=1
0CB1818B    94 exehdrlinkid    <linker identification: "!AC">/fao=1
00B18193    95 exehdrmatch     "match control: !AC"/fao=1
00B1819B    96 exehdrname      <image name: "!AC">/fao=1
00B181A3    97 exehdrnopatch   "There are no patches at this time."
00B181AB    98 exehdrpagecount "I/O page count: !UL"/fao=1
00B181B3    99 exehdrpagedef   "I/O page count: default"
00B181BB   100 exehdrpatch     "Patch Information"
00B181C3   101 exehdrpatchdate "last patch date/time: !%D"/fao=1
00B181CB   102 exehdrpriv      "privilege mask: %X'!XL', %X'!XL'"/fao=2
00B181D3   103 exehdrropatch   "read-only patch area address:  %X'!XL', length: !UL"/fao-2
00B181DB   104 exehdrrwpatch   "read/write patch area address: %X'!XL', length: !UL"/fao-2
00B181E3   105 exehdrsymdbg    "Global Symbol Table & Debug Symbol Table Information"
00B181EB   106 exehdrsysver    "system version: !AF"/fao=1
00B181F3   107 exehdrtextvbn   "patch command text VBN: !UL"/fao=1
00B181FB   108 exehdrtime      "link date/time: !%D"/fao=1
00B18203   109 exehdrtypeexe   "image type: executable (IHD$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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00B18228   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 objeomflags        "transfer address flags:''
00B1829B   128 objeomrec          "!UL.  END OF MODULE (OBJ$C_EOM), !UL bytes''/fao=2
00B182A3   129 objeomsevabt       "severity: abort (!UL)''/fao=1
00B182AB   130 objeomseverr       "severity: errors (!UL)''/fao=1
00B182B3   131 objeomsevign       "severity: ignored (!UL)''/fao=1
00B182BB   132 objeomsevres       "severity: reserved (!UL)''/fao=1
00B182C3   133 objeomsevsuc       "severity: successful (!UL)''/fao=1
00B182CB   134 objeomsevwrn       "severity: warnings (!UL)''/fao=1
00B182D3   135 objeomwrec         "!UL.  END OF MODULE (OBJ$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 objgsdenvflags     "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$C_IDC)''/fao=1
00B18313   143 objgsdidcent       "entity name: !AF''/fao=1
00B1831B   144 objgsdidcflags     "identity flags:''
00B18323   145 objgsdidcmatch     "match control: IDC$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$C_PROW)''/fao=1
00B1836B   154 objgsdpsc          "!UL)  Program Section Definition (GSD$C_PSC)''/fao=1
00B18373   155 objgsdpscalign     "!49<alignment: !UL-byte boundary!><-- psect !UL''/fao=2
00B1837B   156 objgsdpscalloc     "allocation: !UL (%X'!-!XL')''/fao=1
00B18383   157 objgsdpscbase      "base address: %X'!XL'''/fao-1
00B1838B   158 objgsdpscflags     "attribute flags:''
00B18393   159 objgsdrec          "!UL.  GLOBAL SYMBOL DIRECTORY (OBJ$C_GSD), !UL bytes''/fao=2
00B1839B   160 objgsdspsc         "!UL)  Shareable Image Program Section Definition (GSD$C_SPSC)''/fao=1
00B183A3   161 objgsdsym          "!UL)  Global Symbol Specifica ion (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 objmhdrecsiz     "maximum record size: !UL"/fao=1
00B1840B   174 objmhdstrlvl     "structure level: !UL"/fao=1
00B18413   175 objmhdversion    <module version: "!AF">/fao=1
00B1841B   176 objmtccorrect    <correction file: "!AF">/fao=1
00B18423   177 objmtcinput      <input     file: "!AF">/fao=1
00B1842B   178 objmtcname       <utility: "!AF">/fao=1
00B18433   179 objmtcrec        "!UL.  MAINTENANCE STATUS HEADER (OBJ$C_HDR_MTC), !UL bytes"/fao=2
00B1843B   180 objmtcseqnum     "sequence number: !UL"/fao=1
00B18443   181 objmtcuic        "UIC: [!OB,!OB]"/fao=2
00B1844B   182 objmtcversion    <version: "!AF">/fao=1
00B18453   183 objmtcwhen       "date/time: !AS"/fao=1
00B1845B   184 objproargcount   "argument count: !UL to !UL"/fao=2
00B18463   185 objproargnum     "argument #!UL -"/fao=1
00B1846B   186 objpsect         "psect: !UL"/fao=1
00B18473   187 objsrcrec        "!UL.  SOURCE FILE HEADER (OBJ$C_HDR_SRC), !UL bytes"/fao=1
00B1847B   188 objstatheading1  "SUMMARY STATISTICS."
00B18483   189 objstatheading2  "Record Type! Count! Total Bytes"
00B1848B   190 objstatline      "OBJ$C_!AC! !5UL! !6UL"/fao 3
00B18493   191 objstattotal     "Totals! ! !5UL! !6UL"/fao=2
00B1849B   192 objsymbol        <symbol: "!AF">/fao=1
00B184A3   193 objsymflags      "symbol flags:"
00B184AB   194 objtirargindex   "argument index: !UL"/fao=1
00B184B3   195 objtircmd        "!UL)  TIR$C_!AC (!UL, %X'!-!XB')"/fao=3
00B184BB   196 objtircmdstk     "!56<!UL)  TIR$C_!AC (!UL, %X'!-!XB')!>stack depth: !SL"/fao=4
00B184C3   197 objtbtrec        "!UL.  TRACEBACK INFORMATION (OBJ$C_TBT), !UL bytes"/fao=1
00B184CB   198 objtirrec        "!UL.  TEXT INFORMATION/RELOCATION (OBJ$C_TIR), !UL bytes"/fao=1
00B184D3   199 objtirstoim      "!UL)  Store Immediate, !UB byte!%S:"/fao=2
00B184DB   200 objtirvield      "vield: position !UL, size !UL"/fao=2
00B184E3   201 objttlrec        "!UL.  TITLE HEADER (OBJ$C_HDR_TTL), !UL bytes"/fao=1
00B184EB   202 objvalue         "value: !SL (%X'!-!XL')"/fao=1
00B184F3   203 objuvalue        "unsigned value: !UL (%X'!-!XL')"/fao=1
00B184FB   204 protection       "protection: PRT$C_!AC"/fao=1
00B18503   205 severity         "severity code: STS$K_!AC"/fao=1
00B1850B   206 text             <"!AF">/fao=1
00B18513   207 texthdr          "Textual information:"
00B1851B   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 objbadvield      "!ASVield 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=LIS$:OBJEXEMSG/OBJ=OBJ$:OBJEXEMSG MSRC$:OBJEXEMSG