


```

TTTTTTTTT1  RRRRRRRR  AAAAAA  CCCCCCCC  EEEEEEEEE  MM  MM  SSSSSSSS  GGGGGGGG
TTTTTTTTTT  RRRRRRRR  AAAAAA  CCCCCCCC  EEEEEEEEE  MM  MM  SSSSSSSS  GGGGGGGG
TT          RR      RR  AA      AA  CC          EE          MMMM  MMMM  SS          GG
TT          RR      RR  AA      AA  CC          EE          MMMM  MMMM  SS          GG
TT          RR      RR  AA      AA  CC          EE          MM  MM  SS          GG
TT          RR      RR  AA      AA  CC          EE          MM  MM  SS          GG
TT          RRRRRRRR  AA      AA  CC          EEEEEEEEE  MM  MM  SSSSSS  GG
TT          RRRRRRRR  AA      AA  CC          EEEEEEEEE  MM  MM  SSSSSS  GG
TT          RR  RR  AAAAAAAAAA  CC          EE          MM  MM  SS          GG  GGGGGG
TT          RR  RR  AAAAAAAAAA  CC          EE          MM  MM  SS          GG  GGGGGG
TT          RR      RR  AA      AA  CC          EE          MM  MM  SS          GG  GG
TT          RR      RR  AA      AA  CC          EE          MM  MM  SS          GG  GG
TT          RR      RR  AA      AA  CCCCCCCC  EEEEEEEEE  MM  MM  SSSSSSSS  GGGGGG
TT          RR      RR  AA      AA  CCCCCCCC  EEEEEEEEE  MM  MM  SSSSSSSS  GGGGGG

```

```

MM  MM  DDDDDDD  LL
MM  MM  DDDDDDD  LL
MMM  MMM  DD  DD  LL
MMM  MMM  DD  DD  LL
MM  MM  MM  DD  DD  LL
MM  MM  MM  DD  DD  LL
MM  MM  MM  DD  DD  LL
MM  MM  MM  DD  DD  LL
MM  MM  MM  DD  DD  LL
MM  MM  MM  DD  DD  LL
MM  MM  DDDDDDD  LLLLLLLLLL
MM  MM  DDDDDDD  LLLLLLLLLL

```

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Version: 'V04-000'

```

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```

\$STRUCT TBK

DEBUG definitions that describe the context of the user's run frame.

```

F      NEXT_LINK,L
F      USER_REGS,L,17
S      USER_R0,,L
S      USER_R1,,L
S      USER_R2,,L
S      USER_R3,,L
S      USER_R4,,L
S      USER_R5,,L
S      USER_R6,,L
S      USER_R7,,L
S      USER_R8,,L
S      USER_R9,,L
S      USER_R10,,L
S      USER_R11,,L
S      USER_AP,,L
S      USER_FP,,L
S      USER_SP,,L
S      USER_PC,,L
S      USER_OPC0,60,B
S      ,61,B,3
S      USER_PSL,,L
V < M
      4
      fBIT
>

```

```

F      RUN_STAT,W
V < M  AT BREAK,1
        STAR_PROG,1
        TRACE_ALL,1
        STEPPING,1
        AT_TRACE,1
        ENAB_AST,1
        IN_A_BPT,1
        TBIT_OK,1
        IN_A_WPT,1
        REAL_WPT,1

```

```

>
F      BPT_PC,L
F      FRAME_PTR,L
F      CALL_ADDR,L
F      WATCHPT
F      WATCHPTEN
F      PREV_PRO1,B
F      PREV_PRO2,B
L      RUNFR_LEN

```

```

K<
MODE
TRACE
BREAK
SET_BREAK
LANGUAGE
CANCEL
EXAMINE
OVERRIDE
SET_TRALL
ALL
SET_RESIG
SET_SCOPE
MODULE
TRACEBACK
WATCH
READ

```

```

>
K      STELMSIZE, 2
K<.,.0,2
SPOS_ZERO
SPOS_ONE
SPOS_TWO
SPOS_THRE
SPOS_FOUR
SPOS_FIVE
SPOS_SIX
SPOS_SEVE
SPOS_EIGH
SPOS_NINE

```

:

: TRACE success message

: facility = 9, facility-specific bit set, error level = 1
: only error id assigned to this level is 0.
: (i.e. number 98001 hex or 622593 decimal)

C< .\$.622593.8

NORMAL :
>

: Informational messages

: facility = 9, facility-specific bit set, error level = 3
: error id codes from 1. thru 49. assigned to this level.
: (i.e. numbers 98008 thru 98188 hex, 622603 thru 622984 decimal)

C< .\$.622603.8

BADDST :MSG <no symbols in image>
BADDSTVBN :MSG FAOCNT=1,<image symbol table VBN = !UL.>
BADEXCLO :MSG FAOCNT=1,<failure to close image file !AC>
BADHDR :MSG <no symbol table data in image header>
NOCALLS :MSG <no active call frames>
TBKBUG :MSG FAOCNT=1,<please report TRACE bug no. !UL>
>

: Warning messages

: facility = 9, facility-specific bit set, error level = 0
: error id codes from 50. thru 99. assigned to this level.
: (i.e. numbers 98190 thru 98318 hex, 622992 thru 623384 decimal)

C< .\$.622992.8

BADBUG :MSG FAOCNT=1,<please report TRACE bug no. !UL>
TRACEBACK :MSG <symbolic stack dump follows>
STACKDUMP :MSG <non-symbolic stack dump follows>
NOSPACE :MSG FAOCNT=1,<failure to map symbol table, EXPREG status = !XL>
BADDSTMAP :MSG FAOCNT=1,<failure to map symbol table, CREMAPSEC status = !XL>
>

: Severe error messages

: facility = 9, facility-specific bit set, error level = 2
: error id codes from 100. thru 149. assigned to this level.
: (i.e. numbers 98322 thru 984AA hex, 623394 thru 623786 decimal)

C< .\$.623394.8

BADEXE :MSG FAOCNT=1,<failure to open image file !AC>
BADEXERAB :MSG FAOCNT=1,<failure to connect image file !AC>

```
INVDSTREC      :MSG <unimplemented delta-PC command in symbol table>
>
```

```
: Fatal error messages
```

```
: facility = 9, facility-specific bit set, error level = 4
: error id codes from 150, and up assigned to this level.
: (i.e. numbers 984B4 hex, 623796 decimal, and up)
```

```
: C< ,S_,623796,8
```

```
NOIOCHAN      :MSG <cannot piggyback I/O channel with PUTMSG>
BADSTACK      :MSG <stack has been overwritten>
>
```

```
E
```

