

USER SUBPROCESS HEADER (XTEXT = ~~HRSUBP~~ TSS: XTEXT: USR SUBP)

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SUBPHDR  MACRO      NPARMS,ENTRYP,FL,SCRFSIZ,CMAPL,FIXEDECS,SWAPECS
VFD      30/NPARMS,30/0
IFC      NE, /FIXEDECS//      EXTRA SPACE ON SUBP
VFD      30/FIXEDECS          CREATION
ELSE
VFD      30/0
IFC      NE, /SWAPECS//
VFD      30/SWAPPCS
ELSE
DATA     0
DATA     0                      LAST 3 WDS ARE RELIQS
VFD      60/MAPL
VFD      60/CMAPL
VFD      60/FL
VFD      60/ENTRYP
VFD      60/CLISTL
VFD      60/SCRFSIZ

APX      SET        0
APX      SET        0
          DO INITIAL PART OF C-LIST
          DUP
          MICRO     NPARMS
          CAPX*1,1, /123456789/
APAR*#I# CAPBSS    1
          ENDD

LLOC     CAPBSS    1      ALLOCATION BLK
EAD      CAPBSS    1      CALL BEAD GHOST (DEBUGGER)
ALL      CAPBSS    1      CALL SELF
EAD      CAPBSS    1      DISK FILE READ
RITE     CAPBSS    1      DISK FILE WRITE
ENDV     CAPBSS    1      SEND EVENT
ANG      CAPBSS    1      GET EVENT
EADC     CAPBSS    1      READ CLASS CODE
CR1      CAPBSS    1      FREE SLOT
CR2      CAPBSS    1      FREE SLOT
YCLIST   CAPBSS    1      OWN C-LIST
CR3      CAPBSS    1      FREE SLOT
CRFILE   CAPBSS    1      SCRATCH FILE (DISK FILE CAP)
YCLAS    CAPBSS    1      OWN CLASS CODE
          ENDM      SUBPHDR

```

MAP DESCRIPTOR MACROS

```

MACRO    MAP,L,FILENM,USER,FILEAD,STARTADR,ENDADR,RWBIT
STRING  FILENM
STRING  USER
VFD     60/FILEAD

```

```

VFD      60/STARTADR
VFD      1/1,59/ENDADR
IFC      EQ,/RWBIT/RW/
VFD      60/0
ELSE
VFD      60/1
ENDIF
EQU      MAPX
ENTRY    L
APX      SET    MAPX+1
        ENDM   MAP

MACRO    MAPBSS,L,NMAPS
EQU      MAPX
ENTRY    L
PX       SET    MAPX+NMAPS
        ENDM   MAPBSS

PEND
PL       MACRO
        EQU      MAPX
        DATA   -1
        ENDM   MAPEND

```

CLIST DESCRIPTOR MACROS

```

RING     MACRO    P1
        IFC      NE, //PI/
        DATA   0L+P1
        ELSE
        DATA   0
        ENDM
ENDIF
ENDM

```

```

PX       MACRO    CAP,L,CNAME,USER
        STRING  CNAME
        STRING  USER
        EQU      CAPX
        ENTRY    L
        SET     CAPX+1
        ENDM    CAP

```

```

PX       MACRO    CAPBSS,L,NCAPS
        EQU      CAPX
        ENTRY    L
        SET     CAPX+NCAPS
        ENDM    CAPBSS

```

```

PEND
LISTL    MACRO
        EQU      CAPX
        DATA   0
        ENDM    CAPEND

```

