

ADDRESS LENGTH

0 0
0

BINARY CONTROL CARDS.

IDENT TTYW1
END

ENTRY POINTS.

RW	-	0	NEWPROC	-	1	TTYCALL	-	4	RCAPS	-	7
RO	-	1	MYCODE	-	2	BEADC	-	5			
ALLOC	-	0	OPERCL	-	3	CTEMP	-	6			

EXTERNAL SYMBOLS.

EC:RPAR LC:ASCI EC:COUT EC:DSCP EC:READ

0

IDENT TTYW1
ORG 0

* TTYW1 .. CREATES TELETYPE WATCHER PROCESS *

0 RPARMX SET 0 INITIALIZE RET PARAM INDEX

* MACRO SETS UP RETURN OF A CAPABILITY

LABEL MACRO CAPBSS CAPR,LABEL,DNAME
RMT DATA 0,L,DNAME
RMT
RPARMX SET RPARMX+1 INCR RET PARAM INDEX
ENDM

* MACRO TO BUILD A NEW PROCESS (CALLS BUILDER)

BLDPROC MACRO SUBPFILE,LDN,LDNAMES,LDCAPS,AUTH
CAPAB 0,NEWPROC
DATUM 1,SUBPFILE
BLOCKD 2,LDNAMES,LDN+1
BLOCKC 3,LDCAPS,LDN
SYSCALL TPLIST,0,AUTH
ENDM

0

RWF BSS 0

0

SYSSUB0 XTEXT

* SUBPROCESS HEADER

0 000000000000000000000000000000000001
2 0314012323000000000000000000000000
7 000000000000000000000000000000000002

TYPE 1
NAMES CLASS,ROOT,CALL,CL,TTYW1,SF,TTYW1
INTEGERS 50,FLDLEN,ENTER,FLDLEN

* MAP DESCRIPTION

15 23065724243127340000
20 03065724243127340000
23 77777777777777777777777777777777

RW MAP SF,TTYW1,RWF,RWF,RWL,0
RO MAP CF,TTYW1,ROF,ROF,ROL,1
MAPEND

*
* CLIST DESCRIPTION
*

24 11570114141703000000
25 02571605272022170300
26 03065724243127340000
27 03145717200522230000
30 03175714111605010000
31 02050104000000000000
32

33 77777777777777777777

ALLOC CAP I.ALLOC
NEWPROC CAP R.NEWPROC
MYCODF CAP C.F.TTYWI
OPERCL, CAP CL.OPERS
TTYCALI CAP CO.LINEA
BEADC CAP BEAD
CTEMP CAPBSS
RCAPS CAPBSS
CAPEND

CALL ON BUILDER TO CREATE PROCESS

DISGUSTING. WHAT IS THIS DOING HERE
AH...THE TRUSTY BEAD

34
60

IPLIST BSSZ 20
RWL BSS 0

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60          ROF      BSS      0
*
*
60          SYSCALL  XTEXT
*
*          MACSET      OPERCL,IPLIST,ECS
*
*
60  00000000000000000000000000000000  PROCAUTH  RPAUTH  (CTEMP,1)
*
* NAME FILE FOR TELETYPE WATCHER PROCESS TO BE PASSED TO BUILDER
*
62  16065724243127240310  TTYWFIL  VFD      A0/OLNF,TTYWTCH
*
* LIST OF THINGS TO PUT IN LOCAL INITIALIZATION DICTIONARY
*
63          LIMITD   BSS      0
*
* (TTY WATCHER'S LOCAL INITIALIZATION DICTIONARY IS EMPTY)
*
63  00000000000000000000000000000000  DATA      0      END-MARKER
*
* ENTER HERE
*
64  7160000003  ENTER      READ      MYCODE,RWF,RWF,RW|-RWF,FRET
*
*
* BUILD FLOATING TELETYPE WATCHER PROCESS
*
75  7160000003  DISPCAP   BEADC
102  0316000113  NZ        X6,WEND      IF BEAD EXISTS, DONT FLOAT TTYW
*
*          SA1      TTYWFIL
*
5110000062
103  7160000001  BLDPROC   (,X1),1,LIMITD,B0,PROCAUTH
*
113          WEND     BSS      0
*
* COMPENSATE FOR LACK OF PERMANENT FILES IN HOWARDS HEAD
*
113  7160000003  CAPOUT    OPERCL,=XLC:ASCII,TTYCALL
*
* CREATE JPROC-DONE SIGNAL EVENT CHANNEL (COMM02 SIGNALS JANITOR)
*
* RETURN WITH PARAMETERS TO ADD TO INITIALIZATION DIRECTORY
*
122  5110000131  SA1      DSPEC      SPECIFY DATA PARAMETERS
123  7160000003  SA2      CSPEC      SPECIFY CAPABILITY PARAMETERS
5120000132  RETPAR   (,X1),(,X2)    RETURN WITH PARAMETERS
*
* DATA INVOLVED WITH RETURN PARAMETERS
*

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131 00000000010000000133 1 NDATS EQU RPARMX+1 NO. OF DATA (INCL END MARKER)
    DSPEC VFD 30/NDATS,30/RNAMES DATA SPECIFICATION
    *
132 00000000000000000007 0 NCAPS EQU RPARMX NO. OF CAPS
    CSPEC VFD 30/NCAPS,30/RCAPS CAPABILITY SPECIFICATION
    *
133 RNAMES BSS 0 LIST OF NAMES
    HERE
133 00000000000000000000 DATA 0 END MARKER
    *
134 00000000000 FRET PS
    *
    *****
200 ORG 200B
200 00000000000000000000 WFLAG DATA 0 DEFAULT = DO NOT FLOAT
    *****
201 000000000000000000001 DATA 1 HI KARL
202 ROL BSS 0 END OF READ-ONLY AREA
    *
202 FLDLEN BSS 0
    *
0 END

```

42524

STORAGE USED
6600 ASSEMBLY

377 STATEMENTS
6.058 SECONDS

46 SYMBOLS
137 REFERENCES

