

SIPROC
STORAGE ALLOCATION.

SIMULATION OF IPROC

COMPASS - VER 2.

02/09/71 14.54.14.

PAGE 1

ADDRESS LENGTH

BINARY CONTROL CARDS.

0 0

IDENT XIPROC

END

IDENT

XIPROC

THIS SUBPROCESS CONTAINS A SIMULATION OF IPROC

IT IS TO BE GIVEN AS PARAMETER THE FILE WHICH WOULD BE GIVEN TO CREATE A NEW SYSTEM TAPE. STARTING WITH THE 4TH FILE, ACTS AS IF IT WERE READING THEM FROM APE.

IPROC READS IN NEXT FILE ON TAPE, MAKES A FILE OUT OF IT, AND READS IN 1ST 10 WORDS AS A SPECIAL HEADER, FORM OF THE SPECIAL HEADER IS AS FOLLOWS.

0	2
1	0
2	LOGICAL MAP COUNT
3	COMPILED MAP SIZE
4	FIELD LENGTH
5	ENTRY POINT
6	C LIST SIZE
7	L1
10	L2
11	L3
12	L4

A SCRATCH FILE OF SIZE L4 IS CONSTRUCTED. A SUBPROCESS IS CREATED WITH PARAMETERS AS INDICATED. LOGICAL MAP ENTRY 0 IS SET UP WITH READ WRITE ENTRY, FILE ADDR 0, CM ADDRESS 0, COUNT L1, FILE THE SCRATCH FILE. LOGICAL MAP ENTRY 1 IS SET UP WITH READ ONLY ENTRY, FILE ADDRESS L1, CM ADDRESS L1, COUNT L2 - L1, FILE THE FILE JUST READ IN FROM TAPE.

THE FOLLOWING ITEMS ARE THEN PLACED IN THE CLIST WITH INDEX L4 + I WHERE I IS INDICATED BELOW

0	MASTER CLIST (I PROC'S CLIST)
1	CLASS CODE OF IPROC
2	CALL IN IPROC (FOR A NEW FILE)
3	CALL ON SELF
4	OWN CLIST
5	OWN SCRATCH FILE
6	OWN CLASS CODE
7	OWN CODE FILE
8	A FILE OF LENGTH L3+1
9	A CLIST OF LENGTH L3
10	AN ALLOCATION BLOCK
11	BEAD CALL (TEST VERSION ONLY)

THIS TABLE COMES FROM OPNAMES.XTEXT

0

OPNAMES XTEXT

END OF OPNAMES.XTEXT STUFF

C LIST INDEXES TO BE USED IN IPROCS CLIST

HAVE TO BE RESET AS BASE NOT KNOWN UNTILL RUN TIME

0		ORG	0	
0	CX.SFILE	BSS	1	FILE CONTAINING CODE FOR CONSTRUCTED SUBPROCESS
1	CX.SPCL	BSS	1	OPERATEION TO CALL ON CONSTRUCTED SUBPROCESS
2	CX.SPCC	BSS	1	CLASS CODE FOR CONSTRUCTED SUBPROCESS
3	CX.SPCL	BSS	1	CLIST FOR SAME
4	CX.SPFL	BSS	1	SCRATCH FILE FOR SAME
5	CX.RFILE	BSS	1	CLIST INDEX FOR FILE JUST READ IN FROM TAPE
6	CXSPACE	BSS	0	

SUBPROCESS DESCRIPTOR FOR BEAD VERSION

USERNM MICRO 1...S. USER NAME FOR CODE FILE

0		ORG	0	
0	00000000000000000000	DATA	0,0	
2	30112022170300000000	DATA	0LXIPROC,0LCLASS	CLASS CODE
4	00000000000000000004	DATA	4	NO. OF MAP ENTRIES
5	00000000000000000062	DATA	50	COMPILED MAP SIZE
6	00000000000000000736	VFD	60/FLI	FELD LENGTH
7	00000000000000000324	VFD	60/MAIN	ENTRY POINT
10	00000000000000000032	VFD	60/OXBASE+CXSPACE	C LIST SIZE
11	000000000000000000320	VFD	60/SCRCNT	SCRATCH FILE SIZE
12	30112022170300000000	DATA	0LXIPROC,0L#USERNM#	
14	000000000000000000320	VFD	60/SCRCNT	
15	000000000000000000320	VFD	60/SCRCNT	
16	400000000000000000736	VFD	1/1,59/FL	
17	00000000000000000001	DATA	1	
20	00000000000000000000	DATA	0,0	
22	00000000000000000000	VFD	60/0	
23	00000000000000000000	VFD	60/0	
24	000000000000000000320	VFD	60/SCRCNT	
25	00000000000000000000	DATA	0	

26	77777777777777777776	#	DATA	-1
27	23051406000000000000	#	DATA	0LSELF,0LOPERATE C.MAST
31	30112022170300000000	#	DATA	0LXIPROC,0L#USERNM#
33	15012324030000000000	#	DATA	0LMASTC,0LOPERATE C.BDCL
35	00000000000000000000	#	DATA	0

0	C.LCLALC	EDU	0
1	C.BEAD	EDU	1
2	C.CLIPRC	EDU	2
13	C.PATH	EDU	13
16	C.MAST	EDU	14
17	C.CODE	EDU	15
20	C.BDCL	EDU	16
21	C.FREE	EDU	17
21	C.FICLST	EDU	C.FREE
22	C.GLBLO	EDU	C.FREE+1
23	C.GLBLC	EDU	C.FREE+2
24	DXBASE	EDU	C.FREE+3

6		
CX	MACRO	X
	LOCAL	A
A	VFD	60/X
	RMT	
	VFD	60/A
	RMT	
	ENDM	

```
*  
*  
* DX      MACRO      C.X  
*          LOCAL      A  
*          VFD         30/C.30/X  
*          RMT  
*          VFD         60/A  
*          RMT  
*          ENDM
```

```
*  
*  
* CXI      MACRO      I.X  
*          LOCAL      A  
*          VFD         1/1.29/I.30/X  
*          RMT  
*          VFD         40/A  
*          RMT  
*          ENDM
```

```
*  
*  
* MCAP     MACRO      X  
*          VFD         1/1.29/C.X.30/C.MAST  
*          ENDM
```

```
*
*
36 400000002200000000016  CPYCAP  MCAP  MVECAP
37                               BSSZ  2
41 77777777777777777777  DATA  -0
*
42 400000000300000000016  XFREAD  MCAP  READ
43                               BSSZ  4
*
47 400000001500000000016  MKCC    MCAP  CCC
50 000000000000000000002  CX      CX.SPCC
*
51 400000002700000000016  MKOP    MCAP  MKOPR
52 000000000000000000000  VFD     60/C.LCLALC
53 000000000000000000001  CX      CX.SPCAL
54 000000000000000000000  DATA   0
55 000000000000000000002  CX      CX.SPCC
56 000000000000000000000  DATA   0
*
57 400000000700000000016  MKCLST  MCAP  CCLIST
60 000000000000000000000  VFD     60/C.LCLALC
61 000000000000000000003  CX      CX.SPCL
62                               BSSZ  1
*
63 400000001000000000016  MKSFILE MCAP  CFILE
64 000000000000000000000  VFD     60/C.LCLALC
65 000000000000000000004  CX      CX.SPFL
66 000000000000000000001  DATA   1
67 000000000000000000070  VFD     60/**1
70                               BSSZ  1
*
71 400000001100000000016  MKSBLK  MCAP  CBLK
72 000000000000000000004  CX      CX.SPFL
73 000000000000000000000  DATA   0
*
74 400000001400000000016  MKSUR   MCAP  CSPROC
75 000000000000000000002  CX      CX.SPCC
76 000000000000000000015  VFD     60/C.FATH
77                               BSSZ  4
103 000000000000000000003  CX      CX.SPCL
*
104 400000004700000000016  MKSCOMP MCAP  MPCHRW
105 000000000000000000002  CX      CX.SPCC
106 000000000000000000000  DATA   0
107 000000000000000000004  CX      CX.SPFL
110 000000000000000000000  DATA   0
111 000000000000000000000  DATA   0
112                               BSSZ  1
*
113 400000004600000000016  MKROMP  MCAP  MPCHRO
114 000000000000000000002  CX      CX.SPCC
115 000000000000000000001  DATA   1
116 000000000000000000000  CX      CX.SFILE
```


1111

CX-SPCAL

DELSUR

CX. SPCC

DELCHI

CX.SPL

DEFLATE

011000
 CX SPFL

210

REF ID: A66584

cx.spl

RETURN

SAVE

60/REFS

RESTOR

REUTERS
60/RECS

DETRAC

30/0, 30/0

INDEX-FILE

ČAPOUT

2. 2

60/C-READ

MISC CLIS

2000

CX. N. FILE
 CX. S. FILE

EX. SP. 1

CXSPCC

CX.SPCAL

OXFORD

6. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

DATA FOR RUNSPCL

1

SHEAD BES 0

8257

1-402
B657

652

667

B26Z

8-52

CLSTSZ ESZ

SCRSZ

END BSZ

GLMXSZ BGSZ

BLDCXBS 095Z

CHEAPENT EQU *SHEAD

 文部科学省

• 佛

 Springer

2

 UNIVERSITY OF THE PACIFIC
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 STOCKTON, CALIF. 95210
 (415) 924-2000

OLD CODE DATA OLD BUILDER, OLD CLASS

1957

CY CX, SPEC

100

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CREASE BEST

STYAN 2002

4

FIXENT EBU *FIXADS

[illegible] Springer

44

REF ID: A657308

* AGAIN	DATA	I	SECOND AND LATER TIME FLAG
---------	------	---	----------------------------

...

 Springer

10

FILE ST BcSZ 4

VFD 60/C.FILLST


 The American Society of Human Genetics is pleased to announce the publication of the first issue of the new journal, *Human Genetics*, in 1991. The journal will be published quarterly by Springer-Verlag. The first issue will contain the following articles:

260		NXTFILE	BSSZ	4	
264	000000000000000000031		VFD	60/CX.RFILE+DXBASE	
265		NEWFILE7	BSSZ	1	
266		LSTPNT	BSSZ	1	
267		RUNFLAG	BSSZ	1	1 IF A REWIND UNLOAD HAS OCCURED
					SPECIAL DATA FOR DIRECTORY OBJECT CONSTRUCTION
					READ VERSION
270		DIRECTV7	BSSZ	1	
271		CCYSV7	BSSZ	1	
272		FSHYENT7	BSSZ	1	
273	07140214040000000000	GLBLDE	DATA	0LGLBLD	
274	00000000000000000000		DATA	0	
275			BSSZ	2	
277	000000000000000000022		VFD	60/C.GLBLD	
300	07140214030000000000	GLBLCE	DATA	0LGLBLC	
301	00000000000000000000		DATA	0	
302			BSSZ	2	
304	000000000000000000023		VFD	60/C.GLBLC	
305	400000001100000000016	MKBLK	MCAP	CBLK	
306			BSSZ	2	
310	400000004300000000016	DFILE	MCAP	DELFIL	
311			BSSZ	1	
312	400000005700000000016	DCLIST	MCAP	DELCI	
313			BSSZ	1	
314	400000000700000000016	MKCLIST	MCAP	CCLIST	
315	000000000000000000000		VFD	60/C.LCLALC	
316			BSSZ	2	
					END OF SCRATCH AREA
320		SCRCNT	BSS	0	

```
*
*
*
* THIS IS THE MAIN CODE FOR BEAD VERSION
*
320                                     BSSZ      4      ALTERNATE ENTRIES
324 5110000252      MAIN      SA1      AGAIN
                                N2      X1,MAIN2      THIS IS A LATER ENTRIE
325 01300003510000000002      XJ      READSELF
330 7160000024      SX6      OXBASE
                                SA6      CXBASE
                                CALL      FIXCX
331 6170000332      BX6      X4
332 10644      BX7      X5
                                SA6      FILELST
                                SA7      FILELST+1
                                5160000253
333 5170000254      SB1      FILELST
                                SB6      80
                                CALL      BEADUSER      OBTAIN FILE WITH LIST OF FILE NAMES
334 66600      SB6      1
                                CALL      BEADUSER      RELEASE IT
335 6170000336      SX6      4
336 6160000001      SA6      LSTPNT      INITIALIZE POINTER
337 6170000340
340 7160000004      CALL      RUNSPCL
                                XJ      RETURN
                                5160000266
341 6170000342
342 01300001340000000002      *
*
*
* MAIN2      CALL      NEWFILE
345 6170000344      XJ      SRETURN
346 01300001410000000002      *
*
*
351 40000000030000000016      READSELF      MCAP      READ
352 00000000000000000017      VFD      60/C.CODE,60/0.60/0.60/SCRCNT
353 00000000000000000000
354 00000000000000000000
355 000000000000000000320
```

THIS SUBROUTINE GETS SPECIAL FILE FROM TAPE AND
CONSTRUCTS SPECIAL SUBPROCESS AND CALLS IT

```

356 76670          5160000157      RUNSPCL SX6      B7
357 6170000360          5160000157      SA6      RUNSPCL7
360 5110000151          5160000157      CALL      NEWFILE
366 5110000152          5160000157      CMOVE      D.RFILE,D.SFILE
371 5110000152          5160000157      FREAD      D.SFILE,0,SHEAD,SHEADCNT
374 6170000375          5160000157      FREAD      D.SFILE,2,MKSUB+3,4
375 01300000510000000002          5160000157      CALL      CCY
400 5110000166          5160000157      XJ      MKOP
402 01300000570000000002          5160000157      MOVE      CLSTSZ,MKCLST+3
405 5110000167          5160000157      XJ      MKCLST
407 01300000630000000002          5160000157      MOVE      SCRSZ,MKSFILE+5
412 01300000710000000002          5160000157      XJ      MKSFILE
415 01300000740000000002          5160000157      XJ      MKSBLK
420 5110000167          5160000157      XJ      MKSUB
422 01300001040000000002          5160000157      MOVE      SCRSZ,MKSCRMP+6
425 5110000167          5160000157      XJ      MKSCRMP
          5110000167      MOVE      SCRSZ,MKROMP+4
430 5110000167          5110000167      MOVE      SCRSZ,MKROMP+5
          5120000170      SCRSZ
431 37621          5120000170      END
          5160000121      X2-X1
432 01300001130000000002          5160000121      SA6      MKROMP+6
435 6170000436          5160000121      XJ      MKROMP
436 5110000153          5160000121      CALL      DIRECTY
          10611      D.SPCL
437 5160000145          5160000121      SX6      X1
          5110000172      SA6      SENDCP+1
440 10611          5110000172      SA1      BLDCXBS
          5160000146      SX6      X1
441 7110000016          5160000146      SA6      SENDCP+2
442 6170000443          5160000146      SX1      C.MAST
443 7110000015          5160000146      CALL      PUTCX
444 6170000445          5160000146      SX1      C.FATH
445 7110000002          5160000146      CALL      PUTCX
446 6170000447          5160000146      SX1      C.CLIPRC
447 5110000155          5160000146      CALL      PUTCX
450 6170000451          5160000146      SA1      D.SPCL
451 5110000153          5160000146      CALL      PUTCX
452 6170000453          5160000146      SA1      D.SPCL
453 5110000156          5160000146      CALL      PUTCX
454 6170000455          5160000146      SA1      D.SPFL
455 5110000154          5160000146      CALL      PUTCX
456 6170000457          5160000146      SA1      D.SPCC
457 5110000152          5160000146      CALL      PUTCX
460 6170000461          5160000146      SA1      D.SFILE
461 7110000022          5160000146      CALL      PUTCX
462 6170000463          5160000146      SX1      C.GLBLD
          5160000146      CALL      PUTCX
```

463 7110000023
464 6170000465
465 7110000000
466 6170000467
467 7110000001
470 6170000471
471 013000012200000000002
474 013000012300000000002
477 013000012500000000002
502 013000012700000000002
505 013000013200000000002
510 6170000511
511 5110000157
63710
512 0270000000

SX1 C.GLBLC
CALL PUTCX
SX1 C.LCLALC
CALL PUTCX
SX1 C.BEAD (TEST VERSION ONLY)
CALL PUTCX
XJ CALLSUB
XJ KILLSUB
XJ KILLCLST
XJ KILLSPBK
XJ KILLSPFL
CALL DIRECTZ
SAL RUNSPCL7
SUB X1
JP B7

THIS SUBROUTINE DOES A FILE READ, GOS TO ERR ON
F RETURN.

(SAVES B7 IN B5 IN CASE OF FRETURN)

513 66570
10611
516 10622
5160000043
516 10622
5160000044
10633
515 5160000045
10644
516 5160000046
517 013000004200000000002
522 0270000000

FREAD
SAL B7
Bx6 X1
SAL XFREAD+1
Bx6 X2
SAL XFREAD+2
Bx6 X3
SAL XFREAD+3
Bx6 X4
SAL XFREAD+4
XJ XFREAD
JP B7

THIS SUBROUTINE FIXES UP CLIST INDEX REFERENCES
FOR IPROC. SINCE BASE OF INDEXES NOT KNOWN
UNTIL RUN TIME

523 6110000201
6120000031
524 5110000200
43036
525 56210
53220
15620
36661
526 11202
12626
12626
54620
527 6111000001

FIXCX
SAL B1
SAL B2
SAL B1
Bx0 30
*
FIXCXL
SAL B1
SAL B2
Bx6 X2
Bx6 X0*X2
Bx2 X6*X1
Bx6 X0*X2
Bx6 X2*X6
Bx6 X2*X6
SAL A2
SAL B1+1

```
      612277776
530 0520000525      *
      0270000000      *
      *
      *
      *
      *
531 73610      PUTCX      SX6      X1
      5160000147      SA6      SENDCP+3      SOURCE INDEX
532 01300001440000000002      XJ
535 5120000146      SA2      SENDCP+2
      7262000001      SX6      X2+1
536 54620      SA6      A2      STEP SINK INDEX
      0270000000      JB      B7
      *
      *
      *
      *
      *
      *
537 01300001350000000002      ERR      XJ      SAVEREG
542 6160000004      SR6      4
543 01300001500000000002      XJ      BEAD
546 0200000546      JB      *
      *
      *
      *
      *
      *
      *
547 76670      NEWFILE      SX6      B7
      5160000265      SA6      NEWFILE7
550 5110000267      SA1      RUNFLAG
      0311000567      NZ      X1,NEWFILE2
551 5110000257      SA1      FILELIST+4      FILE OF NAMES
      5120000266      SA2      LSTPNT      POINTER
552 7130000260      SX3      NXTFILE      WHERE TO READ NAME
      7140000002      SX4      2
553 7262000002      SX6      X2+2      STEP POINTER
      54620      SA6      A2
554 6170000555      CALL      FREAD
555 5110000260      SA1      NXTFILE
      0301000564      NZ      X1,NEWFILE1
556 6110000260      SR1      NXTFILE
      66600      SR6      B0
557 6170000560      CALL      BEADUSER      OBTAIN FILE
560 6160000001      SR6      1
561 6170000562      CALL      BEADUSER      RETURN IT
562 5110000265      SA1      NEWFILE7
      63710      SB7      X1
563 0270000000      JB      B7
```

564 7160000001
565 5110000265
566 0270000000

NEWFILE1 SX6
SA6
SA1
SB7
LB

JUST REACHED AN EOF

1
RUNFLAG
NEWFILE7
X1
B7

567 6170000570

NEWFILE2 CALL

ATTEMPT TO READ BEYOND EOF

ERR

MAKE CALLS ON BEAD

REQUIRES A SPECIAL 5 WORD DATA AREA
1ST 4 WORDS A BEAD DIRECTORY ENTRY
5TH WORD A CAPABILITY LIST INDEX

570 01300001350000000002
573 5111000004
574 5121000001

BEADUSER XJ
SA1
SA1
SB7
LB

SAVEREG
B1+4
X1
B1
B1+1
B6,B0,BEADUS1
X1,BEADUS1
A
BEAD
A

575 0311000602
576 01300001500000000002
601 0200000601

BEADUS1 XJ
SA1
SA1
SB7
LB

602 01300001500000000002
605 01300001370000000002
610 0270000000

BEADUS1 XJ
SA1
SA1
SB7
LB

BEAD
RSTREG
B7

611 76670
5160000270

DIRECTY

Sx6
SA6

THIS SUBROUTINE PREPARES DIRECTORY FILE AND CLIST

THIS IS THE BEAD VERSION

B7
DIRECTY7

THIS CODE OBTAINS GLOBAL DIRECTORY FILE AND PREPARES IT

612 6110000273
66600

613 6170000614
614 56110

615 6170000616
616 10611
56610
66600

617 6170000620
620 5111000004

621 5160000306
5111000003

622 20136
73110
76700

623 5120000171
7222000001

624 5170000307
625 01300003050000000002
630 36717

631 5111000003
12717
54710

632 6160000001
633 6170000634

634 66600
635 6170000636

PGBLD1

SB1
SB6
CALL
SA1
SB6
CALL
BX6
SA6
SB6
CALL
SA1
BX6
SA6
SA1
BX1
BX1
BX7
BX2
SA7
XJ
IX7
IX6
NB

GLBLDE
B0
BEADUSER GET IT
B1 SAVE FILE NAME
BEADUSER DESTROY IT
X1
B1 RESTORE FILE NAME
B0
BEADUSER RE OBTAIN IT
B1+4
X1
MKBLK+1 CLIST INDEX
B1+3
30
X1 BLOCK SIZE
B0 NEXT BLOCK TO CREATE
GLMXSZ DIRECTORY SIZE
X2+1
MKBLK+2
MKBLK CREATE A BLOCK
X1+X7 STEP POINTER
X7-X2
X3,PGBLD1 MAKE ANOTHER

THIS CODE OBTAINS GLOBAL DIRECTORY CLIST AND PREPARES IT

636	6110000300
637	6170000640
640	0301000645

SI
CALL
NR

GLELO
TCHENT
XI, PLOLO

5111000004

641 10611 5160600313
642 013000031200000000002

SA1 81+4
BX6 XI
SA6 DCLIS
XJ DCLIS

ASSUME HAVE A CLIST, DESTROY IT

645 5111000004 10611
646 5160000316 5120000171

PCALC1

01+4
 X1
 MKCLIST+2
 GLMXS2
 X2
 MKCLIST+3
 MKCLIST
 SENDCB

CREATE CLIST OF PROPER SIZE
PLACE IN BEADS DIR CLIST

656 5110000270 63710
657 0270000000

SECRET
DIRECTV7

RELEASE DIRECTORY FILE AND CLIST

660 76870
5150000270

DIRECTZ

SX6 B7
SAG DIRECTY7

661 6110000273
662 6170000663
663 6110000300
664 6170000665

[illegible]

665 5110000270 63710
666 0270000000

SAL DIRECTY7
SB7 X1
JR B7

```
#
#
# THIS CODE MAKES A CLASS CODE FOR BUILDER
#
# BEAD VERSION
#
667 76670          CCY      SX6      B7
      5160000271      SA6      CCYSV7
#
670 6110000173      SR1      BLDCCCE
671 6170000672      CALL     FSHYENT
672 0311000701      NZ       X1,CCY1
#
673 013000004700000000002  XJ      MKCC
676 013000014400000000002  XJ      SENDCP
#
701 6110000173      CCY1     SR1      BLDCCCE
      61600000001      SR6      1      RELEASE ENTRY
702 6170000703      CALL     BEADUSER
703 5110000271      SR1      CCYSV7
      63710          SR7      X1
704 0270000000      CD       B7
```

THIS SUBROUTINE OBTAINS A BEAD ENTRY THAT EITHER
CONTAINS A NON FILE, OR HAS HAD ITS
FILE DESTROYED.

X1 = 0 IF THE FILE WAS DESTROYED

IN ANY CASE, SENDCP IS SET UP
TO XMIT NEW OBJECT TO BEAD DIRECTORY CLIST

ENTER WITH B1 POINTING TO A BEAD ENTRY BLOCK

LEAVES BEAD ENTRY BUSY

```
705 76670          5160000272      FSHYENT  Sx6      B7
                                     SA6      FSHYENT7
                                     *
706 6170000707      66600          SB6      B0
                                     CALL     BEADUSER: OBTAIN SOMETHING
                                     *
707 7160000020      5160000145      Sx6      C.BDCL:  BEAD DIR CLIST
                                     SA6      SENDCP+1
710 5111000001      43060          SA1      B1+1
                                     BX0      60-12
                                     BX6      -X0*X1
711 5160000146      5111000004      SA6      SENDCP+2  LOCATION IN BEAD DIR CLIST
                                     SA1      B1+4
712 10611          5160000147      SB6      X1
                                     SA1      SENDCP+3  LOCATION OF OBJECT TO BE
                                     BX0      B1
713 43066          56110          BX1      60-6
                                     BX1      -X0*X1
                                     NZ      X1,FSHYENTZ      NOT FILE
                                     *
714 56110          6160000002      SA1      B1      SAVE FILE NAME
                                     SB6      2      DESTROY FILE
715 6170000716      56610          CALL     BEADUSER
716 10611          66600          BX6      X1
                                     SB6      B1      RESTORE FILE NAME
                                     SB6      B0
717 6170000720      10611          CALL     BEADUSER: REOBTAIN EMPTY FILE
720 5111000004      11601          SA1      B1+4
                                     BX6      X1
721 5160000311      01300003100000000002  SA6      DFILE+1
722 01300003100000000002  XJ      DFILE      KILL THE FILE
725 56110          43066          SA1      B1
                                     BX0      60-6
                                     BX6      X0*X1
726 7110000001      12661          Sx1      I      NON FILE TYPE
                                     BX6      X6+X1
                                     SA6      B1      RESET TYPE
                                     56610
```

SIPROC
SUBROUTINES

SIMULATION OF IPROC

COMPASS - VER 2.

02/09/71 14.54.24.

PAGE 21

727 6160000001
730 6170000731
731 66600
732 6170000733
733 76100
0200000734

734 5120000272
63720
735 0270000000

FSHYENTZ

SR6
CALL
SR6
CALL
SX1
JP

SA2
SR7
JP

I
BEADUSER UPDATE ENTRY WITH NEW TYPE
R0
BEADUSER REOBTAIN ENTRY
R0
FSHYENTZ ALL DONE
FSHYENTZ
X2
R7

736 00000000000000000000000000

0

• 花 •
• 花 •
FL
• 花 •

DATA

101

END

35450

STORAGE USED
6600 ASSEMBLY

1252 STATEMENTS
7.586 SECONDS

223 SYMBOLS
408 REFERENCES

000025 INVENTED SYMBOLS

SIPROC SIMULATION OF IPROC
SYMBOLIC REFERENCE TABLE.

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AGAIN	252	10/46 L	12/06						
BEAD	150	9/35 L	15/24	16/31	16/34				
BEADUSER	570	12/20	15/51	17/20	17/47	19/20	20/44		
		12/22	16/23 L	17/24	18/39	20/22	21/03		
		15/49	17/17	17/45	18/42	20/40	21/05		
BEADUS1	602	16/28	16/29	16/34 L					
BLDCCE	173	10/24 L	19/10	19/17					
BLDCXBS	172	10/15 L	13/33						
CALLSUB	122	9/05 L	14/07						
CCY	667	13/13	19/07 L						
CCYSV7	271	11/15 L	19/08 S	19/20					
CCY1	701	19/12	19/17 L						
CLSTS7	166	10/11 L	13/14						
CPYCAP	36	8/03 L	13/10 S	13/10 S	13/10				
CXBASE	200	10/33 L	12/10 S	14/42					
CXSPACE	6	4/17 L	4/40						
CX.RFILE	5	4/15 L	9/30	9/41	11/02				
CX.SFILE	0	4/10 L	8/53	9/42					
CX.SPCL	1	4/11 L	8/15	9/05	9/45				
CX.SPCC	2	4/12 L	8/17	8/43	9/08	10/26			
		8/11	8/37	8/51	9/44				
CX.SPCL	3	4/13 L	8/22	8/40	9/11	9/43			
CX.SPFL	4	4/14 L	8/27	8/33	8/45	9/14	9/18	9/46	
C.BDCL	20	5/18 D	20/23						
C.BEAD	1	5/13 D	9/35	14/05					
C.CAPOUT	24	9/32							
C.CBLK	11	8/32	11/29						
C.CCC	15	8/10							
C.CCLIST	7	8/20	11/37						
C.CFILE	10	8/25							
C.CLIPRC	2	5/14 D	13/40						
C.CODE	17	5/17 D	12/36						
C.CSPROC	14	8/36							
C.DELBLK	42	9/13							
C.DELCL	57	9/10	11/35						
C.DELFIL	43	9/17	11/32						
C.DELSUB	72	9/07							
C.FATH	15	5/15 D	8/38	13/38					
C.FILLST	21	5/22 D	10/52						
C.FREE	21	5/20 D	5/22	5/23	5/24	5/25			
C.GLBLC	23	5/24 D	11/26	14/01					
C.GLBLD	22	5/23 D	11/21	13/52					
C.LCLALC	0	5/12 D	8/14	8/21	8/26	11/38	14/03		
C.MAST	16	5/16 D	8/13	8/36	9/10	9/22	11/29	12/35	
		8/03	8/20	8/42	9/13	9/25	11/32	13/36	
		8/07	8/25	8/50	9/17	9/28	11/35		
		8/10	8/32	9/07	9/20	9/32	11/37		
		8/13							
C.MKOPR	27	8/50							
C.MPCHRO	46	8/42							
C.MPCHRW	47	8/03							
C.MVECAP	22	8/07	12/35						
C.READ	3	9/25							
C.RESTOR	17								

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C.RETPAR	111	9/28							
C.RETURN	30	9/20							
C.SAVE	16	9/22							
DCLIST	312	11/35 L	18/11 S	18/12					
DFILE	310	11/32 L	20/46 S	20/47					
DIRECTY	611	13/30	17/07 L						
DIRECTY7	270	11/14 L	17/08 S	18/24	18/34 S	18/43			
DIRECTZ	660	14/13	18/33 L						
DXBASE	24	4/40	5/25 D	11/02	12/09				
D.RFILE	151	9/41 L	13/09						
D.SFILE	152	9/42 L	13/10	13/10	13/11	13/50			
D.SPCAL	155	9/45 L	13/42						
D.SPCC	154	9/44 L	13/48						
D.SPCL	153	9/43 L	13/30	13/44					
D.SPFL	156	9/46 L	13/46						
END	170	10/13 L	13/25						
ERR	537	12/09	13/16	13/29	14/12	15/25	16/36	19/15	
		12/27	13/18	14/08	14/33	16/14	17/36	19/16	
		12/32	13/19	14/09	15/12	16/24	18/13	20/48	
		13/10	13/20	14/10	15/22 L	16/32	18/21		
		13/14	13/22	14/11	15/23	16/35	18/22		
FILELST	253	10/51 L	12/14 S	12/15 S	12/17	15/37			
FIXADS	201	10/35 L	10/39	14/40					
FIXCNT	31	10/39 D	14/41						
FIXCX	523	12/12	14/40 L						
FIXCXL	525	14/45 L	15/02						
FL	736	4/38	4/46	22/03 L					
FREAD	513	13/11	13/12	14/23 L	15/44				
FSHYENT	705	18/07	19/12	20/17 L					
FSHYENTZ	734	20/35	21/06	21/08 L					
FSHYENT7	272	11/16 L	20/18 S	21/08					
GLBLCE	300	11/23 L	18/05	18/39					
GLBLDE	273	11/18 L	17/14	18/36					
GLMXSZ	171	10/14 L	17/31	18/17					
KILLCLST	125	9/10 L	14/09						
KILLSPBK	127	9/13 L	14/10						
KILLSPFL	132	9/17 L	14/11						
KILLSUB	123	9/07 L	14/08						
LSTPNT	266	11/05 L	12/23 S	15/38					
MAIN	324	4/39	12/06 L						
MAIN2	345	12/07	12/30 L						
MKBLK	305	11/29 L	17/26 S	17/34 S	17/35				
MKCC	47	8/10 L	19/14						
MKCLIST	314	11/37 L	18/16 S	18/19 S	18/20				
MKCLST	57	8/20 L	13/15 S	13/15					
MKOP	51	8/13 L	13/13						
MKROMP	113	8/50 L	13/23 S	13/24 S	13/27 S	13/28			
MKSBLK	71	8/32 L	13/18						
MKSCRMP	104	8/42 L	13/21 S	13/21					
MKSFILE	63	8/25 L	13/17 S	13/17					
MKSUB	74	8/36 L	13/12	13/19					
NEWFILE	547	12/31	13/09	15/33 L					
NEWFILE1	564	15/45	16/05 L						

SIPROC SIMULATION OF IPROC
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NEWFILE2	567	15/36	16/13 L					
NEWFILE7	265	11/04 L	15/34 S	15/51	16/07			
NXTFILE	260	11/01 L	15/39	15/44	15/46			
PGBLCI	645	18/07	18/14 L					
PGBLD1	624	17/34 L	17/38					
PUTCX	531	13/38	13/42	13/46	13/50	14/01	14/05	15/09 L
		13/40	13/44	13/48	13/52	14/03	14/07	
READSELF	351	12/08	12/35 L					
REGS	232	9/23	9/26	10/44 L				
RETURN	134	9/20 L	12/26					
RSTREG	137	9/25 L	16/35					
RUNFLAG	267	11/06 L	15/35	16/06 S				
RUNSPCL	356	12/26	13/06 L					
RUNSPCL7	157	9/51 L	13/07 S	14/13				
SAVEREG	135	9/22 L	15/22	16/23				
SCRCNT	320	4/41	4/44	4/45	4/52	11/44 L	12/39	
SCRSZ	167	10/12 L	13/16	13/20	13/22	13/23	13/24	
SENDCP	144	9/32 L	13/35 S	15/11	18/21	20/24 S	20/31 S	
		13/32 S	15/10 S	15/12	19/15	20/28 S		
SHEAD	160	10/03 L	10/17	13/11				
SHEADCNT	13	10/17 D	13/11					
SRETURN	141	9/28 L	12/31					
XFREAD	42	8/07 L	14/25 S	14/27 S	14/29 S	14/31 S	14/32	