

Line
numbers
↓

special
(down) thing
↓

Multi
line
Comments

```
A/4302196 XSMNP      SYS-PROC      $
38894 COMMENT
38894 SYS-PROC      ABSTRACT
38894
38894 FUNCTIONALITY: SET MODULE TO NONPREEMPTIVE STATE.
38894
38894 INPUT: WORK AREA, WHICH CONSISTS OF UP TO SIX
WORDS STARTING
38894 WITH RELATIVE WORD OCTAL 13 OF THE MODULE'S
PREFACE.
38894
38894 OUTPUT: WORK AREA, WHICH CONSISTS OF UP TO SIX
WORDS
38894 STARTING WITH RELATIVE WORD OCTAL 13 OF THE
MODULE'S PREFACE
38894
38894 REVISION HISTORY ABSTRACT
38894 PROGRAMMER: P.A. BRENCHER      ORG: CSC DIV:
DSD/544
38894 P 01JUL1987 ATE/43 SOURCE MISSING
ABSTRACTS
38894 PROGRAMMER: ESTHER SCOTT      ORG: CSC DIV:
ISD/544
38894 56202 OT 15DEC1989 UPDATE ABSTRACTS
97445
38894 PROGRAMMER: D. Woodward ORG: CSC DIV: DSD/521
97445 EP 19MAY1994 SUPPORT EXPANDED MEMORY REACH
(EMR)
38894 END ABSTRACT $
38894 COMMENT ((SKIP3 $
X97445 (EXTDEF) EXEC-PROC XSMNP $
38894 COMMENT
38894
38894 FUNCTIONALITY: Set module to nonpreemptive state.
$
X51302198 DIRECT $
X51302199
X51302200 XSMNP IS A SPECIAL EXECUTIVE CSR THAT WILL SET
X51302201 THE MODULE CALLING IT TO A NON-PREEMPTIVE STATE
X51302202
X51302203 BS SMNP, WRD0, B0, S0 . SET MODULE NON-
PREM IND . RETURN TO CALLER
X51302204 JS 0, 0, B6
X51302205 CMS-2 $
A/4302206 END-PROC XSMNP $
A/4302207 END-SYS-PROC XSMNP $
```

Single
line
Comments

in-line

- Multi-line comment

- Single/in-line comment

- Executable code

A/4301643 XRNP
38894 ~~COMMENT~~ SYS-PROC \$
38894
38894 SYS-PROC ABSTRACT
56202
STATE. FUNCTIONALITY: RELEASE MODULE FROM NONPREEMPRIVE
38894
38894 INPUT: WORK AREA, WHICH CONSISTS OF UP TO SIX
WORDS STARTING WITH RELATIVE WORD OCTAL 13 OF THE MODULE'S
38894 PREFACE.
38894
38894 OUTPUT: WORK AREA, WHICH CONSISTS OF UP TO SIX
WORDS STARTING WITH RELATIVE WORD OCTAL 13 OF THE
38894 MODULE'S PREFACE
38894
REVISION HISTORY ABSTRACT

PROGRAMMER: P.A. BRENCHER ORG: CSC DIV:

38894 L 01JUL1987 ATES/43 SOURCE MISSING

PROGRAMMER: ESTHER SCOTT ORG: CSC DIV:

56202 OT 15DEC1989 UPDATE ABSTRACTS

PROGRAMMER: John McGinley ORG: CSC DIV:

97445 ISD/521 97445 FP 23JUN1994 SUPPORT EXPANDED MEMORY REACH
97445 (EMR)

END ABSTRACT \$
38894 ~~COMMENT ((SKIP3~~ \$
97445 ~~(EXTDEF) EXEC-PROC XRNP~~ \$
38894 ~~COMMENT~~
38894 PROCEDURE ABSTRACT
38894
56202 FUNCTIONALITY: Release module from nonpreemptive
state.
38894
38894 LOGIC: This is an executive service which allows a
module to return itself to a preemptive state after having
38894 called
56202 XSMNP. Should preemption been attempted during
the time of being in a nonpreemptive state, XRNP preempt the
56202 module
56202 calling it by exiting through ESR 0.

38894
56202
word 0 of
56202
38894
56202
this CSR
56202
56202
word 0 of
56202
result
56202
38894
38894
56202
38894

INPUTS: SPAIN Preemption attempted indicator in
the module preface.
OUTPUTS: SPAIN This indicator set to clear when
returns to user
SMNP Module nonpreemptive indicator in
the module preface is cleared as a
of calling this CSR.

PROCEDURE
REFERENCES: ESR 0

38894 END ABSTRACT \$
X51301645 DIRECT \$

XRNP IS A SPECIAL EXECUTIVE CSR THAT WILL
ALLOW PREEMPTION OF THE MODULE CALLING IT

X51301646
X51301647
X51301648
X51301649
X51301650 BZ SMNP, WRD0, B0, S0
IND BC SPAIN, WRD0, B0, S0
X51301651
ATTEMPTED ? JE XRNP1
X51301652 BZ SPAIN, WRD0, B0, S0
X51301653
ATTEMPTED IND XS 0
X51301654
TO OCCUR
X51301655 XRNP1 JS 0, 0, B6
X51301656 CMS-2 \$
X51301657 END-PROC XRNP \$
A/4301658 END-SYS-PROC XRNP \$
A/4301659

. CLEAR MOD NON-PREM
. WAS PREEMPTION
. JUMP IF NO
. CLEAR PREM
. ALLOW PREEMPTION
. RETURN TO CALLER