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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
REVISION HISTORY ABSTRACT
PROGRAMMER: P.A. BRENCHER      ORG: CSC DIV:
DSD/544
38894 P 01JUL1987 ATE5/43 SOURCE MISSING
ABSTRACTS
PROGRAMMER: ESTHER SCOTT      ORG: CSC DIV:
ISD/544
56202 OT 15DEC1989 UPDATE ABSTRACTS
97445      PROGRAMMER: D. Woodward ORG: CSC DIV: DSD/521
97445 EP 19MAY1994 SUPPORT EXPANDED MEMORY REACH
(EMR)
END      ABSTRACT      $
38894      COMMENT ((SKIP3      $
97445      (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
X51302204      JS      0,0,B6      . RETURN TO CALLER
X51302205      CMS-2 $
A/4302206      END-PROC XSMNP      $
A/4302207      END-SYS-PROC XSMNP $

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A/4301643	XRNP	SYS-PROC	\$
38894	COMMENT		
38894		SYS-PROC	ABSTRACT
38894			
56202		FUNCTIONALITY:	RELEASE MODULE FROM NONPREEMPRIVE
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			
		REVISION HISTORY ABSTRACT	
		PROGRAMMER:	P.A. BRENCHER
		ORG:	CSC DIV:
DSD/544			
		38894 L	01JUL1987 ATE5/43 SOURCE MISSING
ABSTRACTS			
		PROGRAMMER:	ESTHER SCOTT
		ORG:	CSC DIV:
ISD/544			
		56202 OT	15DEC1989 UPDATE ABSTRACTS
97445		PROGRAMMER:	John McGinley
ISD/521		ORG:	CSC DIV:
97445			
(EMR)		97445 FP	23JUN1994 SUPPORT EXPANDED MEMORY REACH
		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			
38894		return itself	to a preemptive state after having
called			
56202		XSMNP.	Should preemption been attempted during
the time of			
56202		being in a nonpreemptive state,	XRNP preempt the
module			
56202		calling it by exiting through	ESR 0.

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38894
56202 INPUTS: SPAIN Preemption attempted indicator in
word 0 of
56202 the module preface.
38894
56202 OUTPUTS: SPAIN This indicator set to clear when
this CSR
56202 returns to user
56202 SMNP Module nonpreemptive indicator in
word 0 of
56202 the module preface is cleared as a
result
56202 of calling this CSR.
38894
38894 PROCEDURE
56202 REFERENCES: ESR 0
38894
38894 END ABSTRACT $
51301645 DIRECT $
51301646 .
51301647 . XRNP IS A SPECIAL EXECUTIVE CSR THAT WILL
51301648 . ALLOW PREEMPTION OF THE MODULE CALLING IT
51301649 .
51301650 BZ SMNP,WRD0,B0,S0 . CLEAR MOD NON-PREM
IND
51301651 BC SPAIN,WRD0,B0,S0 . WAS PREEMPTION
ATTEMPTED ?
51301652 JE XRNP1 . JUMP IF NO
51301653 BZ SPAIN,WRD0,B0,S0 . CLEAR PREM
ATTEMPTED IND
51301654 XS 0 . ALLOW PREEMPTION
TO OCCUR
51301655 XRNP1 .
51301656 JS 0,0,B6 . RETURN TO CALLER
51301657 CMS-2 $
A/4301658 END-PROC XRNP $
A/4301659 END-SYS-PROC XRNP $

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