

TESTSPE1.ZSM

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* 09/17/08 RPI 911 CHANGE ASELECT TO ACASE AND APM TO ACALL
* 09/23/08 RPI 911 new regression test for SPM's
*****
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```
TITLE 'TESTSPE1 - TEST STRUCTURED PROGRAMMING EXTENSIONS'
* TEST ZSTRMAC SPE'S FOR CONDITIONAL MACRO CODE VIA MZ390 OR
TRANSLATOR
```

```
    :&I  SETA  1
    AIF  (&I EQ 1)  TEST TRUE
          MNOTE 'AIF TRUE I=&I'
    AEND
    :&I  SETA  2
    AIF  (&I EQ 1)  TEST FALSE
          MNOTE 8, 'AIF FALSE I=&I'
    AELSEIF (&I EQ 2) TEST TRUE
          MNOTE 'AELSEIF TRUE I=&I'
    AELSE
          AIF  (&I EQ 1)  TEST FALSE
                MNOTE 8, 'NESTED AIF FALSE I=&I'
          AELSEIF (&I EQ 3) TEST FALSE
                MNOTE 8, 'NESTED AELSEIF FALSE I=&I'
          AELSE
                MNOTE 'NESTED AELSE TRUE I=&I'
    AEND
    AEND
    :&I  SETA  1
    AUNTIL (&I GT 5)
          MNOTE 'AUNTIL 1-5 I=&I'
          AIF (&I EQ 3)
                MNOTE 'EXITING AUNTIL IF I=3'
                AEXIT AUNTIL
          AEND
    :&I SETA &I+1
    AEND
    :&I  SETA  1
    AWHILE (&I LE 5)
          MNOTE 'AWHILE 1-5 I=&I'
          :&I SETA &I+1
    AEND
    ACALL COUNT
```

TESTSPE1.ZSM

```

ACALL COUNT
:&I SETA 0
AWHILE (&I LE 4)
  ACASE (&I)
  AWHEN 1
    MNOTE 'AWHEN I=1'
  AWHEN 2
    MNOTE 'AWHEN I=2'
    :&J SETA 0
    AWHILE (&J LE 4)
      ACASE (&J)
      AWHEN 1
        MNOTE 'AWHEN J=1'
      AWHEN 2
        MNOTE 'AWHEN J=2'
      AWHEN 3
        MNOTE 'AWHEN J=3'
      AELSE
        MNOTE 'AELSE J=&J'
    AEND
    :&J SETA &J+1
  AEND
  AWHEN 3
    MNOTE 'AWHEN I=3'
  AELSE
    MNOTE 'AELSE I=&I'
  AEND
  :&I SETA &I+1
AEND
* PERFORMED ROUTINES
AENTRY COUNT
:&COUNT SETA &COUNT+1
MNOTE 'COUNT=&COUNT'
AEND
* ASM PGM
TESTSPE1 CSECT
SR 15,15
BR 14
END

```