

TESTGUI6.MLC

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*****
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```
* 05/08/06 RPI 308 CONVERT DEMOGUI6 APPLICATION TO EXEC CICS TESTGUI6
*****
```

DFHEISTG DSECT

```
RECAREA DS CL80 RECEIVE AREA
RECLLEN DS AL2 RECEIVED LENGTH
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```
PROMPT TN3270 WCC_KD
        TN3270 (SBA,3,10),(SF,ATT_PA)
        DC C'ENTER NAME'
        TN3270 (SF,ATT_UA)
        DC 40C'_' NAME FIELD
        TN3270 (SF,ATT_PA)
        TN3270 (SBA,5,10),(SF,ATT_PA)
        DC C'ENTER ADDR'
        TN3270 (SF,ATT_UA)
        DC 40C'_' ADDRESS FIELD
        TN3270 (SF,ATT_PA)
        TN3270 (SBA,7,10),(SF,ATT_PA)
        DC C'ENTER ZIP'
        TN3270 (SF,ATT_UN)
        DC 5C'_' ZIP FIELD
        TN3270 (SF,ATT_PA),(SBA,3,22),IC
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```
INPUT DS XL200 STANDARD INPUT: AID, CURSOR, FIELDS
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```
SHOW_NAME TN3270 WCC_KD,(SBA,9,10),(SF,ATT_PA)
          DC C'NAME'
          TN3270 (SF,ATT_PA)
DNAME     DC CL40' '
          TN3270 (SBA,15,10),(RA,15,80,0)
```

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```
SHOW_ADDR TN3270 WCC_KD,(SBA,11,10),(SF,ATT_PA)
          DC C'ADDR'
          TN3270 (SF,ATT_PA)
DADDR     DC CL40' '
          TN3270 (SBA,15,10),(RA,15,80,0)
```

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```
SHOW_ZIP TN3270 WCC_KD,(SBA,13,10),(SF,ATT_PA)
          DC C'ZIP '
          TN3270 (SF,ATT_PA)
DZIP      DC CL5' '
          TN3270 (SBA,15,10),(RA,15,80,0)
```

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```
SHOW_AID TN3270 WCC_BKD,(SBA,15,10),(SF,ATT_PA)
          DC C'NO ACTION FOR AID KEY HEX '
          TN3270 (SF,ATT_PA)
SHOW_HEX DC C'HH ' EXTRA SPACE FOR UNPACK
          TN3270 (RA,15,80,0),(SF,ATT_PA)
```

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```
TESTGUI6 CSECT
        MVC PROMPT(LPROMPTD),PROMPTD
        MVC SHOW_NAME(LSHOW_NAMED),SHOW_NAMED
```

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                                TESTGUI6.MLC
MVC  SHOW_ADDR(LSHOW_ADDRD),SHOW_ADDRD
MVC  SHOW_ZIP(LSHOW_ZIPD),SHOW_ZIPD
MVC  SHOW_AID(LSHOW_AIDD),SHOW_AIDD
REFRESH EQU *
EXEC  CICS SEND FROM(TITLE) LENGTH(LTITLELN)
LOOP  EQU *
* PROMPT FOR ANY OR ALL INPUT FIELDS
EXEC  CICS SEND FROM(PROMPT) LENGTH(PROMPTLN)
XC    INPUT(L'INPUT),INPUT CLEAR INPUT
MVC  RECLN,=AL2(L'INPUT) SET INPUT LENGTH
EXEC  CICS RECEIVE INTO(INPUT) LENGTH(RECLN)
CLI  INPUT,DFHCLEAR      REFRESH SCREEN ON CLEAR
BE   REFRESH
CLI  INPUT,DFHPPF1      DISPLAY HELP SCREEN
BE   HELP
CLI  INPUT,DFHPPF3      EXIT ON PF3
BE   EXIT
CLI  INPUT,DFHENTER     UPDATE CHANGED FIELDS ON ENTER
BE   UPDATE
UNPK  SHOW_HEX(3),INPUT(2)
TR    SHOW_HEX(2),HEXTAB-240
MVI  SHOW_HEX+2,C' '
EXEC  CICS SEND FROM(SHOW_AID) LENGTH(AIDLN)
B     LOOP
*
EXIT  EQU *
EXEC  CICS RETURN
*
HELP  EQU *
* DISPLAY HELP SCREEN AND WAIT FOR ENTER TO REFRESH
EXEC  CICS SEND FROM(SHOW_HELP) LENGTH(HELPLEN)
EXEC  CICS RECEIVE INTO(RECAREA) LENGTH(RECLN)
B     REFRESH
*
UPDATE EQU *
* UPDATE LOWER SCREEN FROM MODIFIED INPUT FIELDS
CLI  RECLN+1,X'03' ANY REAL INPUT ?
BNH  ERROR_NOFIELD SHOW NO FIELDS UPDATED ERROR
LH   R1,RECLN      R1=INPUT RECEIVED LENGTH
LA   R4,INPUT+3    FIRST FIELD AFTER AID AND CURSOR
NEXT_FIELD EQU *
CLI  0(R4),X'00' ANY MORE DATA ?
BE   LOOP          EXIT IF NONE
CLC  0(3,R4),NAME_KEY
BE   UPDATE_NAME
CLC  0(3,R4),ADDR_KEY
BE   UPDATE_ADDR
CLC  0(3,R4),ZIP_KEY
BE   UPDATE_ZIP
B     ERROR_BADFIELD      NO SBA MATCH, SHOW BAD SBA ERROR
UPDATE_NAME EQU *
MVC  DNAME,3(R4)
LA   R4,3+L'DNAME(R4)
EXEC  CICS SEND FROM(SHOW_NAME) LENGTH(NAMELEN)
B     NEXT_FIELD
*
UPDATE_ADDR EQU *
MVC  DADDR,3(R4)

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LA      R4,3+L'DADDR(R4)
EXEC CICS SEND FROM(SHOW_ADDR) LENGTH(ADDRLEN)
B       NEXT_FIELD
*
UPDATE_ZIP EQU *
MVC     DZIP,3(R4)
LA      R4,3+L'DZIP(R4)
EXEC CICS SEND FROM(SHOW_ZIP) LENGTH(ZIPLLEN)
B       NEXT_FIELD
*
ERROR_NOFIELD EQU *
EXEC CICS SEND FROM(SHOW_NOFIELD) LENGTH(FIELDLEN)
B       LOOP
*
ERROR_BADFIELD EQU *
EXEC CICS SEND FROM(SHOW_BADFIELD) LENGTH(BADLEN)
B       LOOP
*
PRINT DATA
TITLE   TN3270 ESC,WRT_EW,WCC_KD,(SBA,1,10),(SF,ATT_PA)
DC      C'TESTGUI6 UPDATE NAME, ADDR, AND/OR ZIP (PF1=HELP PF3=EX
        XIT)'
        TN3270 (SBA,15,10),(SF,ATT_PA,C'PRESS F1 FOR HELP')
LTITLELN DC AL2(*-TITLE)
*
PROMPTD TN3270 WCC_KD
        TN3270 (SBA,3,10),(SF,ATT_PA)
DC      C'ENTER NAME'
        TN3270 (SF,ATT_UA)
DC      40C'_' NAME FIELD
        TN3270 (SF,ATT_PA)
        TN3270 (SBA,5,10),(SF,ATT_PA)
DC      C'ENTER ADDR'
        TN3270 (SF,ATT_UA)
DC      40C'_' ADDRESS FIELD
        TN3270 (SF,ATT_PA)
        TN3270 (SBA,7,10),(SF,ATT_PA)
DC      C'ENTER ZIP'
        TN3270 (SF,ATT_UN)
DC      5C'_' ZIP FIELD
        TN3270 (SF,ATT_PA),(SBA,3,22),IC
LPROMPTD EQU *-PROMPTD
PROMPTLN DC AL2(*-PROMPTD)
*
NAME_KEY TN3270 (SBA,3,22)
ADDR_KEY TN3270 (SBA,5,22)
ZIP_KEY  TN3270 (SBA,7,22)
*
SHOW_NAMED TN3270 WCC_KD,(SBA,9,10),(SF,ATT_PA)
DC      C'NAME'
        TN3270 (SF,ATT_PA)
DC      CL40' ' NAME
        TN3270 (SBA,15,10),(RA,15,80,0)
LSHOW_NAMED EQU *-SHOW_NAMED
NAMELEN  DC AL2(*-SHOW_NAMED)
*
SHOW_ADDRD TN3270 WCC_KD,(SBA,11,10),(SF,ATT_PA)
DC      C'ADDR'

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## TESTGUI6.MLC

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TN3270 (SF,ATT_PA)
DC    CL40' '          ADDRESS
TN3270 (SBA,15,10),(RA,15,80,0)
LSHOW_ADDRD EQU *-SHOW_ADDRD
ADDRLEN DC    AL2(*-SHOW_ADDRD)
*
SHOW_ZIPD TN3270 WCC_KD,(SBA,13,10),(SF,ATT_PA)
DC    C'ZIP '
TN3270 (SF,ATT_PA)
DC    CL5' '          ZIP
TN3270 (SBA,15,10),(RA,15,80,0)
LSHOW_ZIPD EQU *-SHOW_ZIPD
ZIPLen DC    AL2(*-SHOW_ZIPD)
*
SHOW_AIDD TN3270 WCC_BKD,(SBA,15,10),(SF,ATT_PA)
DC    C'NO ACTION FOR AID KEY HEX '
TN3270 (SF,ATT_PA)
DC    C'HH ' EXTRA SPACE FOR UNPACK
TN3270 (RA,15,80,0),(SF,ATT_PA)
LSHOW_AIDD EQU *-SHOW_AIDD
AIDLEN DC    AL2(*-SHOW_AIDD)
*
HEXTAB DC    C'0123456789ABCDEF'
*
SHOW_NOFIELD TN3270 WCC_BKD,(SBA,15,10),(SF,ATT_PA)
DC    C'NO FIELDS CHANGED'
TN3270 (RA,15,80,0),(SF,ATT_PA)
FIELDLEN DC    AL2(*-SHOW_NOFIELD)
*
SHOW_BADFIELD TN3270 WCC_BKD,(SBA,15,10),(SF,ATT_PA)
DC    C'FIELD COMMAND AND/OR SBA NOT FOUND'
TN3270 (RA,15,80,0),(SF,ATT_PA)
BADLEN DC    AL2(*-SHOW_BADFIELD)
*
SHOW_HELP TN3270 ESC,WRT_EW,WCC_KD
TN3270 (SBA,2,10),(SF,ATT_PA)
DC    C'TESTGUI6 TEST EXEC CICS TN3270 WITH 3 FIELDS'
TN3270 (SBA,3,10),(SF,ATT_PA)
DC    C'PRESS ENTER OR ANY AID KEY TO RETURN TO MAIN SCREEN'
TN3270 (SBA,4,10),(SF,ATT_PA)
DC    C'TAB CURSOR TO FIELD YOU WISH TO CHANGE'
TN3270 (SBA,5,10),(SF,ATT_PA)
DC    C'ENTER DATA IN ONE OR MORE FIELDS AND PRESS ENTER'
TN3270 (SBA,6,10),(SF,ATT_PA)
DC    C'THE ZIP FIELD IS NUMERIC SO ALPHA IS IGNORED'
TN3270 (SBA,7,10),(SF,ATT_PA)
DC    C'USE BACK SPACE WITHIN FIELD TO CORRECT FIELD'
TN3270 (SBA,8,10),(SF,ATT_PA)
DC    C'USE CLEAR TO REFRESH SCREEN'
TN3270 (SBA,9,10),(SF,ATT_PA)
DC    C'USE PF3 TO EXIT APPLICATION FROM MAIN SCREEN'
TN3270 (SBA,10,10),(SF,ATT_PA)
DC    C'ANY UNUSED AID KEY SUCH AS PF4-PF24 SHOWS HEX VALUE'
TN3270 (SBA,11,10),(SF,ATT_PA)
DC    C'SUBMIT RPI IF YOU FIND ANY ERRORS VIA WWW.Z390.ORG'
HELPLEN DC    AL2(*-SHOW_HELP)
*
COPY DFHAID

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TESTGUI6.MLC

TN3270 SYMBOLS  
END

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