

J E S 2 J O B L O G

16.53.15 JOB 3103 \$HASP373 CUTIL002 STARTED - INIT 1 - CLASS A - SYS BSP1
16.53.15 JOB 3103 IEF403I CUTIL002 - STARTED - TIME=16.53.15
16.53.15 JOB 3103 IEFACTRT - Stepname Procstep Program Retcode
16.53.15 JOB 3103 CUTIL002 ADDCLST IEBUPDTE RC= 0000
16.53.15 JOB 3103 CUTIL002 ADDPNL IEBUPDTE RC= 0000
16.53.15 JOB 3103 CUTIL002 ADDPNL IEBUPDTE RC= 0000
16.53.15 JOB 3103 CUTIL002 ADDMSGS IEBUPDTE RC= 0000
16.53.15 JOB 3103 IEF404I CUTIL002 - ENDED - TIME=16.53.15
16.53.15 JOB 3103 \$HASP395 CUTIL002 ENDED

----- JES2 JOB STATISTICS -----

12 APR 20 JOB EXECUTION DATE

602 CARDS READ

734 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1 //CUTIL002 JOB (SYS),'Install CUTIL00 ISPF',CLASS=A, JOB 3103

*** ** LENOVO2IN1: SUBMVS submitted
*** ** M:\\$myMainframe\\$submit_work\SUBMIT_CUTIL002_JOB12467.JCL
*** ** from source file (len=57):
*** ** m:\\$myMainframe\\$LARRY_MVS_CNTL\CUTIL00\V1000\\$inst02.JCL
// MSGCLASS=A,MSGLEVEL=(1,1)

*** *-----*
*** * Install CUTIL00 ISPF 2.0 Panels, CLIST and Message *
*** *
*** * Uses CUTIL00 for MVS3.8J *
*** * Uses ISPF 2.0 product from Wally McLaughlin *
*** *
*** * Note: *
*** * ----- *
*** * - Review JOB card per your system requirements *
*** * - Install libraries marked. Search for '<--TARGET' *
*** * - Update install libraries per your system needs *
*** * - CCUTIL0I CLIST installs to ISPCLIB *
*** * - PCUTIL00 Panel installs to ISPPLIB *
*** * - HCUTIL00 Panel installs to ISPPLIB *
*** * - CUTIL0 Messages installs to ISPMLIB *
*** * - Log on to TSO / ISPF 2.0. *
*** * - Invoke panel driver from option 6 *
*** * %CCUTIL0I *
*** * - CUTIL00 panel should appear *
*** * - Enter data and hit <ENTER> *
*** * - Review results for entered function *
*** *

*** *-----*
*** *-----*
*** *
*** * CLIST PDS Member Installation (CCUTIL0I) *
*** *
*** * Suggested Location: *
*** * DSN defined or concatenated to ISPCLIB DD *
*** * for ISPF 2.0 *
*** *
*** * Note: If you use a new PDS, it must be defined *
*** * before executing this install job AND the *
*** * ISPF start-up procedure should include the *
*** * new PDS in the ISPCLIB allocation step. *
*** *

2 //ADDCLST EXEC PGM=IEBUPDTE,PARM=NEW
3 //SYSPRINT DD SYSOUT=*
4 //SYSUT2 DD DSN=LARRY01.ISPCLIB,DISP=SHR <--TARGET
5 //SYSIN DD DATA,DLM='><'

*** *-----*
*** *
*** * Panel PDS Member Installation (PCUTIL00) *
*** *
*** * Suggested Location: *
*** * DSN defined or concatenated to ISPPLIB DD *
*** * for ISPF 2.0 *
*** *
*** * Note: If you use a new PDS, it must be defined *
*** * before executing this install job AND the *
*** * ISPF start-up procedure should include the *
*** * new PDS in the ISPPLIB allocation step. *
*** *

6 //ADDPNL EXEC PGM=IEBUPDTE,PARM=NEW

7 //SYSPRINT DD SYSOUT=*

```
8 //SYSUT2 DD DSN=LARRY01.ISPPLIB,DISP=SHR <--TARGET
9 //SYSIN DD DATA,DLM='><'
*** -----*
*** *
*** * Panel PDS Member Installation (HCUTIL00)
*** *
*** * Suggested Location:
*** * DSN defined or concatenated to ISPPLIB DD
*** * for ISPF 2.0
*** *
*** * Note: If you use a new PDS, it must be defined
*** * before executing this install job AND the
*** * ISPF start-up procedure should include the
*** * new PDS in the ISPPLIB allocation step.
*** *
*** -----*
10 //ADDPNL EXEC PGM=IEBUPDTE,PARM=NEW
11 //SYSPRINT DD SYSOUT=*
12 //SYSUT2 DD DSN=LARRY01.ISPPLIB,DISP=SHR <--TARGET
13 //SYSIN DD DATA,DLM='><'
*** -----*
*** *
*** * Message PDS Member Installation (CUTIL0)
*** * for message number CUTIL00Z
*** *
*** * Suggested Location:
*** * DSN defined or concatenated to ISPMLIB DD
*** * for ISPF 2.0
*** *
*** * Note: If you use a new PDS, it must be defined
*** * before executing this install job AND the
*** * ISPF start-up procedure should include the
*** * new PDS in the ISPMLIB allocation step.
*** *
*** -----*
14 //ADDMSG EXEC PGM=IEBUPDTE,PARM=NEW
15 //SYSPRINT DD SYSOUT=*
16 //SYSUT2 DD DSN=LARRY01.ISPMLIB,DISP=SHR <--TARGET
17 //SYSIN DD DATA,DLM='><'
//
```

```
IEF236I ALLOC. FOR CUTIL002 ADDCLST
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 197 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00954
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I CUTIL002 ADDCLST - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB03103.S00105 SYSOUT
IEF285I LARRY01.ISPCLIB KEPT *-----9
IEF285I VOL SER NOS= PUB007.
IEF285I SYS1.UCAT.TSO KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I JES2.JOB03103.SI0101 SYSIN
IEF373I STEP /ADDCLST / START 20103.1653
IEF374I STEP /ADDCLST / STOP 20103.1653 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 204K
*****
* 1. Jobstep of job: CUTIL002 Stepname: ADDCLST Program name: IEBUPDTE Executed on 12.04.20 from 16.53.15 to 16.53.15 *
* elapsed time 24:00:00,02 CPU-Identifler: BSP1 Page-in: 0 *
* CPU time 00:00:00,01 Virtual Storage used: 32K Page-out: 0 *
* corr. CPU: 00:00:00,01 CPU time has been corrected by 1 / 1,0 multiplier *
*
* I/O Operation *
* Number of records read via DD * or DD DATA: 235 *
* DMY.....0 197.....9 240.....0 DMY.....0 *
*
* Charge for step (w/o SYSOUT): 0,01 *
*****
IEF236I ALLOC. FOR CUTIL002 ADDPNL
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 195 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00956
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I CUTIL002 ADDPNL - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB03103.S00106 SYSOUT
IEF285I LARRY01.ISPPLIB KEPT *-----6
IEF285I VOL SER NOS= PUB005.
IEF285I SYS1.UCAT.TSO KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I JES2.JOB03103.SI0102 SYSIN
IEF373I STEP /ADDPNL / START 20103.1653
IEF374I STEP /ADDPNL / STOP 20103.1653 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 208K
*****
* 2. Jobstep of job: CUTIL002 Stepname: ADDPNL Program name: IEBUPDTE Executed on 12.04.20 from 16.53.15 to 16.53.15 *
* elapsed time 24:00:00,02 CPU-Identifler: BSP1 Page-in: 0 *
* CPU time 00:00:00,01 Virtual Storage used: 32K Page-out: 0 *
* corr. CPU: 00:00:00,01 CPU time has been corrected by 1 / 1,0 multiplier *
*
* I/O Operation *
* Number of records read via DD * or DD DATA: 113 *
* DMY.....0 195.....6 240.....0 DMY.....0 *
*
* Charge for step (w/o SYSOUT): 0,01 *
*****
IEF236I ALLOC. FOR CUTIL002 ADDPNL
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 195 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00958
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I CUTIL002 ADDPNL - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB03103.S00107 SYSOUT
IEF285I LARRY01.ISPPLIB KEPT *-----6
IEF285I VOL SER NOS= PUB005.
IEF285I SYS1.UCAT.TSO KEPT *-----0
IEF285I VOL SER NOS= PUB000.
```

SYSIN

IEF285I JES2.JOB03103.SI0103
IEF373I STEP /ADDPNL / START 20103.1653
IEF374I STEP /ADDPNL / STOP 20103.1653 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 208K

```
*****
*      3. Jobstep of job: CUTIL002      Stepname: ADDPNL      Program name: IEBUPDTE      Executed on 12.04.20 from 16.53.15 to 16.53.15 *
*      elapsed time 24:00:00,02      CPU-Identifier: BSP1      Page-in: 0 *
*      CPU time 00:00:00,01      Virtual Storage used: 32K      Page-out: 0 *
*      corr. CPU: 00:00:00,01      CPU time has been corrected by 1 / 1,0 multiplier *
*
*      I/O Operation *
*      Number of records read via DD * or DD DATA: 87 *
*      DMY.....0 195.....6 240.....0 DMY.....0 *
*
*      Charge for step (w/o SYSOUT): 0,01 *
*****
```

IEF236I ALLOC. FOR CUTIL002 ADDMSGSGS
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 195 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00960
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I CUTIL002 ADDMSGSGS - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB03103.S00108 SYSOUT
IEF285I LARRY01.ISPMLIB KEPT *-----5
IEF285I VOL SER NOS= PUB005.
IEF285I SYS1.UCAT.TSO KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I JES2.JOB03103.SI0104 SYSIN
IEF373I STEP /ADDMSGSGS / START 20103.1653
IEF374I STEP /ADDMSGSGS / STOP 20103.1653 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 212K

```
*****
*      4. Jobstep of job: CUTIL002      Stepname: ADDMSGSGS      Program name: IEBUPDTE      Executed on 12.04.20 from 16.53.15 to 16.53.15 *
*      elapsed time 24:00:00,02      CPU-Identifier: BSP1      Page-in: 0 *
*      CPU time 00:00:00,01      Virtual Storage used: 32K      Page-out: 0 *
*      corr. CPU: 00:00:00,01      CPU time has been corrected by 1 / 1,0 multiplier *
*
*      I/O Operation *
*      Number of records read via DD * or DD DATA: 55 *
*      DMY.....0 195.....5 240.....0 DMY.....0 *
*
*      Charge for step (w/o SYSOUT): 0,01 *
*****
```

IEF375I JOB /CUTIL002/ START 20103.1653
IEF376I JOB /CUTIL002/ STOP 20103.1653 CPU 0MIN 00.04SEC SRB 0MIN 00.00SEC

./ ADD NAME=CCUTIL0I

PROC 0

/* CUTIL00 Utility Driver */

```
/* ***** */
/*
/* CLIST: CCUTIL0I
/* AUTHOR: Larry Belmontes Jr.
/* https://ShareABitOfIT.net/CUTIL00-for-mvs-3-8j/
/* Copyright (C) 2020 Larry Belmontes, Jr.
/*
/*
/* Description:
/* -----
/* ISPF 2.0 Panel driver to invoke CUTIL00.
/*
/* Note: Program CLS is used to clear display screen.
/*
/* Disclaimer: <DSCLAIMR>
/* =====
/*
/* No guarantee; No warranty; Install / Use at your own risk.
/*
/* This software is provided "AS IS" and without any expressed
/* or implied warranties, including, without limitation, the
/* implied warranties of merchantability and fitness for a
/* particular purpose.
/*
/* The author requests keeping authors name intact in any
/* modified versions.
/*
/* In addition, the author requests submissions regarding any
/* code modifications / enhancements and associated comments
/* for consideration into a subsequent release (giving credit
/* to contributor(s)) thus, improving overall functionality
/* and further benefiting the MVS 3.8J hobbyist public domain
/* community.
/*
/*
/*
/* Change History: <CHGHIST>
/* =====
/* MM/DD/CCYY Version Name / Description
/* -----
/* 03/20/2020 1.0.00 Larry Belmontes Jr.
/* - Initial version released to MVS 3.8J
/* hobbyist public domain
/*
/* ***** */

/* ***** */
```

```
/* TSO CLIST Control Statement */
/*****/
CONTROL MAIN

/*****/
/* SET VARIABLES - CLIST */
/*****/
SET TPMNM = CUTIL00          /* TPM name */
SET PANELID = PCUTIL00       /* Panel name */

/*****/
/* PROCESSING SWITCHES */
/*****/
/* Debug switch */
/* D=debugON, */
/* Other value = debugOFF */
SET &DEBUG = 1              /* Debug ON */
SET &DEBUG = 0              /* Debug OFF */
/* Panel Message switch */
/* requires message lib entry */
/* for LDSJ000Z */
/* 1=YES */
/* Other value = OFF */
SET &PMSG = 0              /* Panel Messages OFF */
SET &PMSG = 1              /* Panel Messages ON */

/*****/
/* ISPF Control statement */
/*****/
ISPEXEC CONTROL ERRORS RETURN

/*****/
/* First-time Enter Data message */
/*****/
IF &PMSG EQ 1 THEN -
DO
    SET &ZERRSM = &STR(Enter Data)
    SET &ZERRLM = &STR(Enter function and variables for &TPMNM CP)
    SET &ZERRMSG = &STR(CUTIL00Z)
END

/*****/
/* DISPLAY PANEL */
/*****/
GETDATA: +
IF &PMSG EQ 1 THEN -
    ISPEXEC DISPLAY PANEL(&PANELID) MSG(&ZERRMSG)
ELSE -
    ISPEXEC DISPLAY PANEL(&PANELID)
SET RC = &LASTCC

/*****/
```

```
/* EXIT on PF3 or PF4 */
/*****
IF &RC = 8 THEN GOTO DONE

SET VAR01L = /* reset length of VAR01 */
SET VAR02L = /* reset length of VAR02 */
SET ERRMSG = /* reset ERRMSG */
SET CD = /* reset RC */

/*****
/* GETDATA on PF1 HELP, Help screen displayed by ISPF 2.0 */
/*****
IF &KEYPRESS EQ PF01 THEN -
    DO
        IF &PMSG EQ 1 THEN -
            DO
                SET ZERRSM = &STR(HELP PANEL PROCESSED)
                SET ZERRLM = &STR(PF1 Help panel displayed)
                SET &ZERRMSG = &STR(CUTIL00Z)
            END
            GOTO GETDATA
        END
    END

/*****
/* Process request on ENTER, otherwise leave display content */
/* as-is and GETDATA */
/*****
IF &KEYPRESS EQ PF00 THEN
ELSE -
    DO
        IF &PMSG EQ 1 THEN -
            DO
                SET ZERRSM = &STR(INVALID PF KEY)
                SET ZERRLM = &STR(Invalid PF key detected, no action taken.)
                SET &ZERRMSG = &STR(CUTIL00Z)
            END
            GOTO GETDATA
        END
    END

/*****
/* Build Command Line */
/*****
SET CMDLINE = &TPMNM
IF &STR(&FUNCT) > &STR( ) THEN -
    DO
        SET PARMS = &STR(&FUNCT VAR01)
        /* using VAR02? */
        IF &UV2 = Y THEN -
            SET PARMS = &STR(&PARMS)&STR( VAR02)
        ELSE -
            IF &UV2 = $ THEN -
                SET PARMS = &STR(&PARMS)&STR( $NOVAR2)
```

```
ELSE -
  SET PARMS = &STR(&PARMS)&STR( )
  SET CMDLINE = &STR(&CMDLINE &PARMS)
  /* insert QUOTE keyword? */
  IF &UQ1 = &STR(Y) THEN -
    SET CMDLINE = &STR(&CMDLINE)&STR( QUOTE)
  /* set vars to NULL */
  IF &VAR01 = NULL THEN -
    SET VAR01 =
  IF &VAR02 = NULL THEN -
    SET VAR02 =
END
ELSE -
  /* no function, pass null parms */
  SET PARMS = &STR()

/*****/
/* QUOTE parm needs $NOVAR2 when VAR2 is no. */
/*****/
IF &UV2 = N AND &UQ1 = Y THEN +
  DO
    SET UV2=&STR($)
    SET CMDLINE = &STR(&TPMNM &STR(&FUNCT) VAR01 $NOVAR2 QUOTE)
  END

/*****/
/* EXECUTE TPM */
/*****/
&CMDLINE
SET RC = &LASTCC

IF &DEBUG = 1 THEN +
  DO
    CLS
    WRITE CMDLINE='&CMDLINE' RC=&RC
  END

IF &STR(&FUNCT) = UNSTR THEN DO
  WRITE VAR010 = '&VAR010'
  SET CTR = 0
  DO WHILE &CTR <= &VAR010
    SET EVALLN = &STR(&&VAR01&CTR)
    WRITE VAR01&CTR = '&EVALLN'
    SET CTR = &CTR + 1
  END
END

SET CD = &RC

/*****/
/* PANEL PROCESSING COMPLETE */
```

```
/*****
```

```
IF &PMSG EQ 1 THEN -
```

```
DO
```

```
  SET ZERRSM = &STR(&TPMNM RC=&RC)
```

```
  SET ZERRLM = &STR(RC=&RC &CMDLINE)
```

```
  SET &ZERRMSG = &STR(CUTIL00Z)
```

```
END
```

```
/*****
```

```
/* GET ANOTHER REQUEST FROM PANEL */
```

```
*****/
```

```
GOTO GETDATA
```

```
/*****
```

```
/* DONE... */
```

```
*****/
```

```
DONE: +
```

```
IF &DEBUG = 1 THEN +
```

```
  WRITE BYE...
```

```
EXIT CODE(0)
```

```
END /* END PROC
```

```
*/
```

```
./ ENDUP
```

```
IEB816I MEMBER NAME (CCUTIL0I) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
```

```
IEB818I HIGHEST CONDITION CODE WAS 00000000
```

```
IEB819I END OF JOB IEBUPDTE.
```

```
./ ADD NAME=PCUTIL00
/*****
/*
/*      PANEL: PCUTIL00
/*      AUTHOR: Larry Belmontes Jr.
/*      https://ShareABitOfIT.net/CUTIL00-for-mvs-3-8j/
/*      Copyright (C) 2020 Larry Belmontes, Jr.
/*
/*
/*
/* Description:
/* -----
/*
/* ISPF 2.0 panel to invoke CUTIL00 and display results
/*
/*
/* Disclaimer: <DSCLAIMR>
/* =====
/*
/*      No guarantee; No warranty; Install / Use at your own risk.
/*
/*      This software is provided "AS IS" and without any expressed
/* or implied warranties, including, without limitation, the
/* implied warranties of merchantability and fitness for a
/* particular purpose.
/*
/*      The author requests keeping authors name intact in any
/* modified versions.
/*
/*      In addition, the author requests submissions regarding any
/* code modifications / enhancements and associated comments
/* for consideration into a subsequent release (giving credit
/* to contributor(s)) thus, improving overall functionality
/* and further benefiting the MVS 3.8J hobbyist public domain
/* community.
/*
/*
/*
/* Change History: <CHGHIST>
/* =====
/* MM/DD/CCYY Version Name / Description
/* -----
/* 03/20/2020 1.0.00 Larry Belmontes Jr.
/*                - Initial version released to MVS 3.8J
/*                hobbyist public domain
/*
/* *****/
)ATTR
% TYPE(TEXT) INTENS(HIGH)
+ TYPE(TEXT) INTENS(LOW)
_ TYPE(INPUT) INTENS(HIGH) CAPS(ON) JUST(LEFT)
^ TYPE(INPUT) INTENS(HIGH) CAPS(OFF) JUST(ASIS)
[ TYPE(TEXT) INTENS(HIGH) COLOR(TURQ)
```

```
] TYPE(TEXT) INTENS(LOW) COLOR(PINK)
{ TYPE(TEXT) INTENS(HIGH) COLOR(GREEN)
} TYPE(TEXT) INTENS(HIGH) COLOR(YELLOW)
! TYPE(TEXT) INTENS(LOW) HILITE(REVERSE) COLOR(BLUE)
? TYPE(TEXT) INTENS(LOW) SKIP(ON)
)BODY WIDTH(&ZSCREENW) EXPAND(//)
%-----}CCUTIL0 for MVS38J%-----/-/------}v1.0.00%-
%COMMAND ==>_ZCMD + / / +
+ / /%PANEL - &ZPANELID +
%FUNCTION %=>_FUNCT + + / /%USERID - &ZUSER +
%VAR1 Quote%=>_Z?}Y,N+ + / /%TIME - &ZTIME +
%VAR2 Use %=>_Z?}Y,N,$NOVAR2+ / /%DATE - &ZDATE +
{&CMDLINE + / / %- &ZJDATE +
%Return CD:+&CD + / /%SYSTEM -}&ZSYSID +
% ]&ERRMSG + / /%TERMINAL - &ZTERM +
% + / /%TermSize[&SD &SW +
{ + / /%APPLID -[&ZAPPLID+
%VAR1 }Len=&VAR01L % +
+0 1 2 3 4 5 6 7 +
+1...5...0...5...0...5...0...5...0...5...0...5...0...5...+
^VAR01 +
+ +
%VAR2 }Len=&VAR02L + % +
+0 1 2 3 4 5 6 7 +
+1...5...0...5...0...5...0...5...0...5...0...5...0...5...+
^VAR02 +
+ +
+ +
% PF1[Help %PF3[End %ENTER[process % +
)INIT
&SD = &ZSCREEND
&SW = &ZSCREENW
.CURSOR = FUNCT
.HELP = HCUTIL00
.ZVARS = '(UQ1,UV2)'
IF (&UQ1 = ' ')
&UQ1 = Y
IF (&UV2 = ' ')
&UV2 = Y
&RESP0 = .RESP
&KEYPRESS = .PFKEY

)REINIT
REFRESH(*) /* refresh all fields */
&RESP0 = .RESP
&KEYPRESS = .PFKEY

)PROC
&RESP0 = .RESP
&KEYPRESS = .PFKEY
```

```
/*IF (&KEYPRESS NE PF03)
  VER(&FUNCT,NB,MSG=CUTIL01)
  VER(&UQ1,LIST,Y,N,MSG=CUTIL02)
  VER(&UV2,LIST,Y,N,$,MSG=CUTIL03)
```

```
)END
```

```
./ ENDUP
```

IEB816I MEMBER NAME (PCUTIL00) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.

```
./ ADD NAME=HCUTIL00
/*****
/*
/* PANEL: HCUTIL00
/* AUTHOR: Larry Belmontes Jr.
/* https://ShareABitOfIT.net/CUTIL00-for-mvs-3-8j/
/* Copyright (C) 2020 Larry Belmontes, Jr.
/*
/*
/* Description:
/* -----
/*
/* ISPF 2.0 HELP for panel PCUTIL00
/*
/*
/* Disclaimer: <DSCLAIMR>
/* =====
/*
/* No guarantee; No warranty; Install / Use at your own risk.
/*
/* This software is provided "AS IS" and without any expressed
/* or implied warranties, including, without limitation, the
/* implied warranties of merchantability and fitness for a
/* particular purpose.
/*
/* The author requests keeping authors name intact in any
/* modified versions.
/*
/* In addition, the author requests submissions regarding any
/* code modifications / enhancements and associated comments
/* for consideration into a subsequent release (giving credit
/* to contributor(s)) thus, improving overall functionality
/* and further benefiting the MVS 3.8J hobbyist public domain
/* community.
/*
/*
/*
/* Change History: <CHGHIST>
/* =====
/* MM/DD/CCYY Version Name / Description
/* -----
/* 03/20/2020 1.0.00 Larry Belmontes Jr.
/* - Initial version released to MVS 3.8J
/* hobbyist public domain
/*
/* *****/
)ATTR
! TYPE(OUTPUT) INTENS(LOW) CAPS(OFF) JUST(ASIS)
[ TYPE(TEXT) INTENS(HIGH) COLOR(TURQ)
] TYPE(TEXT) INTENS(LOW) COLOR(PINK)
{ TYPE(TEXT) INTENS(HIGH) COLOR(GREEN)
} TYPE(TEXT) INTENS(HIGH) COLOR(YELLOW)
```

```
)BODY WIDTH(&ZSCREENW) EXPAND(//)
%--HELP-----}CUTIL00 for MVS38J%-----/-/-----}v1.0.00%-
%COMMAND ==>_ZCMD                                +   %PANEL      - &ZPANELID
+                                                    %USERID      - &ZUSER  +
+                                                    +
+ The CUTIL00 panel is used to invoke a single function with
+ varying data as an interactive facility.
+
+ o%FUNCTION  +Function to be performed
+ o%VAR1 Quote}Y+VAR1 content and length is determined by quote}(')+delimiters +
+              }N+VAR1 content is 78 bytes in length
+ o%VAR2 Use   }Y+VAR2 specified in command line
+              }N+VAR2 is%NOT+specified in command line
+              }$%$NOVAR2+placeholder is used as VAR2 in command line
+              +(same as%NOT+specifying a VAR2 variable name)
+
+ o{command line displayed here for invoked function
+ o%Return CD +Return code and error message from operation
+ o%VAR1      +VAR1 input of 78 bytes in length or delimited by single quotes +
+              }Len+=represents length of a VAR1 result.
+ o%VAR2      +VAR2 input is always 78 bytes in length.
+              }Len+=represents length of a VAR2 result.
+
+
+
+%Note:[VAR1 and VAR2 limited to 78 characters due to panel presentation.
)INIT
.CURSOR = ZCMD
)PROC

&RESP0 = .RESP
&KEYPRESS = .PFKEY

)END
```

```
./ ENDUP
```

```
IEB816I MEMBER NAME (HCUTIL00) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.
```

```
./ ADD NAME=CUTIL0
/*****
/*
/* MESSAGES: CUTIL0
/*   AUTHOR: Larry Belmontes Jr.
/*           https://ShareABitOfIT.net/CUTIL00-for-mvs-3-8j/
/*           Copyright (C) 2020 Larry Belmontes, Jr.
/*
/*
/* Description:
/* -----
/* ISPF 2.0 Generic message entry for PANEL PCUTIL00.
/*
/* Disclaimer: <DSCLAIMR>
/* =====
/*
/*   No guarantee; No warranty; Install / Use at your own risk.
/*
/*   This software is provided "AS IS" and without any expressed
/* or implied warranties, including, without limitation, the
/* implied warranties of merchantability and fitness for a
/* particular purpose.
/*
/*   The author requests keeping authors name intact in any
/* modified versions.
/*
/*   In addition, the author requests submissions regarding any
/* code modifications / enhancements and associated comments
/* for consideration into a subsequent release (giving credit
/* to contributor(s)) thus, improving overall functionality
/* and further benefiting the MVS 3.8J hobbyist public domain
/* community.
/*
/*
/* Change History: <CHGHIST>
/* =====
/* MM/DD/CCYY Version Name / Description
/* -----
/* 03/20/2020 1.0.00 Larry Belmontes Jr.
/*               - Initial version released to MVS 3.8J
/*               hobbyist public domain
/*
/* *****/
CUTIL00Z ' &ZERRSM          ' .ALARM=NO
' &ZERRMSG &ZERRLM
CUTIL01 ' FUNCTION is blank  ' .ALARM=NO
' CUTIL01 FUNCTION cannot be blank
CUTIL02 ' Invalid VAR1 Quote  ' .ALARM=NO
' CUTIL02 Invalid value in VAR1 Quote
```

SYSIN

NEW MASTER

IEBUPDTE LOG PAGE 0002

CUTIL03 'Invalid VAR2 Use ' .ALARM=NO
'CUTIL03 Invalid value in VAR2 Use '
./ ENDUP

IEB816I MEMBER NAME (CUTIL0) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.

		CCCCCCCCC	UU	UU	TTTTTTTTTT	IIIIIIIIII	LL		00000000	00000000	22222222			
		CCCCCCCCC	UU	UU	TTTTTTTTTT	IIIIIIIIII	LL		0000000000	0000000000	2222222222			
	CC		UU	UU	TT	II	LL	00	0000	00	0000	22	22	
	CC		UU	UU	TT	II	LL	00	00	00	00	00	00	22
	CC		UU	UU	TT	II	LL	00	00	00	00	00	00	22
	CC		UU	UU	TT	II	LL	00	00	00	00	00	00	22
	CC		UU	UU	TT	II	LL	00	00	00	00	00	00	22
	CC		UU	UU	TT	II	LL	00	00	00	00	00	00	22
	CC		UU	UU	TT	II	LL	0000	00	0000	00	22		
	CCCCCCCCC	CC	UUUUUUUUUU	UU	TT	IIIIIIIIII	LLLLLLLLLLLL	000	00	000	00	22		
	CCCCCCCCC		UUUUUUUUUU	TT		IIIIIIIIII	LLLLLLLLLLLL	0000000000	0000000000		2222222222			
								00000000	00000000		2222222222			

	JJJJJJJJJ	3333333333	11	00000000	3333333333	AAAAAAAAA				
	JJJJJJJJJ	333333333333	111	0000000000	333333333333	AAAAAAAAAAAA				
	JJ	33	33	1111	00	0000	33	33	AA	AA
	JJ		33	11	00	00	00	33	AA	AA
	JJ		33	11	00	00	00	33	AA	AA
	JJ	3333	11	00	00	00	3333		AAAAAAAAAAAA	
	JJ	3333	11	00	00	00	3333		AAAAAAAAAAAA	
	JJ		33	11	00	00	00	33	AA	AA
	JJ	JJ	33	11	0000	00	33	33	AA	AA
	JJ	JJ	33	11	000	00	33	33	AA	AA
	JJJJJJJ	333333333333	1111111111	0000000000	333333333333	AA	AA			
	JJJJJJ	3333333333	1111111111	00000000	3333333333	AA	AA			

****A	END	JOB 3103	CUTIL002	Install	CUTIL00	ISPF	ROOM	4.53.15	PM 12	APR 20	PRINTER1	SYS BSP1	JOB 3103	END	A****
****A	END	JOB 3103	CUTIL002	Install	CUTIL00	ISPF	ROOM	4.53.15	PM 12	APR 20	PRINTER1	SYS BSP1	JOB 3103	END	A****
****A	END	JOB 3103	CUTIL002	Install	CUTIL00	ISPF	ROOM	4.53.15	PM 12	APR 20	PRINTER1	SYS BSP1	JOB 3103	END	A****
****A	END	JOB 3103	CUTIL002	Install	CUTIL00	ISPF	ROOM	4.53.15	PM 12	APR 20	PRINTER1	SYS BSP1	JOB 3103	END	A****