



J E S 2   J O B   L O G

16.50.15 JOB 5613 \$HASP373 LISTDSJ2 STARTED - INIT 1 - CLASS A - SYS BSP1  
16.50.15 JOB 5613 IEF403I LISTDSJ2 - STARTED - TIME=16.50.15  
16.50.16 JOB 5613 IEFACTRT - Stepname Procstep Program Retcode  
16.50.16 JOB 5613 LISTDSJ2 ADDCLST IEBUPDTE RC= 0000  
16.50.16 JOB 5613 LISTDSJ2 ADDPNL IEBUPDTE RC= 0000  
16.50.16 JOB 5613 LISTDSJ2 ADDPNL IEBUPDTE RC= 0000  
16.50.16 JOB 5613 LISTDSJ2 ADDMSGS IEBUPDTE RC= 0000  
16.50.16 JOB 5613 IEF404I LISTDSJ2 - ENDED - TIME=16.50.16  
16.50.16 JOB 5613 \$HASP395 LISTDSJ2 ENDED

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

18 MAY 19 JOB EXECUTION DATE

785 CARDS READ

921 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1 //LISTDSJ2 JOB (SYS),'Install LISTDSJ ISPF',CLASS=A, JOB 5613

\*\*\* \*\* LENOVO2IN1: SUBMVS submitted  
\*\*\* \*\* M:\\$myMainframe\\$submit\_work\SUBMIT\_LISTDSJ2\_JOB09801.JCL  
\*\*\* \*\* from source file (len=57):  
\*\*\* \*\* m:\\$myMainframe\\$LARRY\_MVS\_CNTL\LISTDSJ\V1001\\$inst02.JCL  
// MSGCLASS=A,MSGLEVEL=(1,1)

\*\*\* \*-----\*  
\*\*\* \* Install LISTDSJ ISPF 2.0 Panels, CLIST and Message \*  
\*\*\* \*  
\*\*\* \* Uses LISTDSJ 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 \*  
\*\*\* \* - CLISTDIJ CLIST installs to ISPCLIB \*  
\*\*\* \* - PLISTDSJ Panel installs to ISPPLIB \*  
\*\*\* \* - HLISTDSJ Panel installs to ISPPLIB \*  
\*\*\* \* - MLISTDSJ Messages installs to ISPMLIB \*  
\*\*\* \* - Log on to TSO / ISPF 2.0. \*  
\*\*\* \* - Invoke panel driver from option 6 \*  
\*\*\* \* %CLISTDIJ \*  
\*\*\* \* - LISTDSJ panel should appear \*  
\*\*\* \* - Enter DSN in NAME==> and hit <ENTER> \*  
\*\*\* \* - Review results for entered DSN \*  
\*\*\* \*

\*\*\* \*-----\*  
\*\*\* \*-----\*  
\*\*\* \*  
\*\*\* \* CLIST PDS Member Installation (CLISTDIJ) \*  
\*\*\* \*  
\*\*\* \* 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 (PLISTDSJ) \*  
\*\*\* \*  
\*\*\* \* 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 (HLISTDSJ)
*** *
*** * 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 (LDSJ00)
*** * for message number LDSJ000Z
*** *
*** * 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 LISTDSJ2 ADDCLST
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 197 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00098
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I LISTDSJ2 ADDCLST - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB05613.S00105 SYSOUT
IEF285I LARRY01.ISPCLIB KEPT *-----14
IEF285I VOL SER NOS= PUB007.
IEF285I SYS1.UCAT.TSO KEPT *-----0
IEF285I VOL SER NOS= PUB000.
IEF285I JES2.JOB05613.SI0101 SYSIN
IEF373I STEP /ADDCLST / START 19138.1650
IEF374I STEP /ADDCLST / STOP 19138.1650 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 168K
*****
* 1. Jobstep of job: LISTDSJ2 Stepname: ADDCLST Program name: IEBUPDTE Executed on 18.05.19 from 16.50.15 to 16.50.16 *
* elapsed time 24:00:00,04 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: 428 *
* DMY.....0 197.....14 240.....0 DMY.....0 *
*
* Charge for step (w/o SYSOUT): 0,01 *
*****
IEF236I ALLOC. FOR LISTDSJ2 ADDPNL
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 195 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00100
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I LISTDSJ2 ADDPNL - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB05613.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.JOB05613.SI0102 SYSIN
IEF373I STEP /ADDPNL / START 19138.1650
IEF374I STEP /ADDPNL / STOP 19138.1650 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 172K
*****
* 2. Jobstep of job: LISTDSJ2 Stepname: ADDPNL Program name: IEBUPDTE Executed on 18.05.19 from 16.50.16 to 16.50.16 *
* elapsed time 24:00:00,03 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: 103 *
* DMY.....0 195.....6 240.....0 DMY.....0 *
*
* Charge for step (w/o SYSOUT): 0,01 *
*****
IEF236I ALLOC. FOR LISTDSJ2 ADDPNL
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 195 ALLOCATED TO SYSUT2
IEF237I 240 ALLOCATED TO SYS00102
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I LISTDSJ2 ADDPNL - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB05613.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.JOB05613.SI0103  
IEF373I STEP /ADDPNL / START 19138.1650  
IEF374I STEP /ADDPNL / STOP 19138.1650 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 172K

```
*****
*      3. Jobstep of job: LISTDSJ2      Stepname: ADDPNL      Program name: IEBUPDTE      Executed on 18.05.19 from 16.50.16 to 16.50.16 *
*      elapsed time 24:00:00,04      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: 92 *
*      DMY.....0 195.....6 240.....0 DMY.....0 *
*
*      Charge for step (w/o SYSOUT): 0,01 *
*****
```

IEF236I ALLOC. FOR LISTDSJ2 ADDMSGSGS  
IEF237I JES2 ALLOCATED TO SYSPRINT  
IEF237I 195 ALLOCATED TO SYSUT2  
IEF237I 240 ALLOCATED TO SYS00104  
IEF237I JES2 ALLOCATED TO SYSIN  
IEF142I LISTDSJ2 ADDMSGSGS - STEP WAS EXECUTED - COND CODE 0000  
IEF285I JES2.JOB05613.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.JOB05613.SI0104 SYSIN  
IEF373I STEP /ADDMSGSGS / START 19138.1650  
IEF374I STEP /ADDMSGSGS / STOP 19138.1650 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 32K SYS 176K

```
*****
*      4. Jobstep of job: LISTDSJ2      Stepname: ADDMSGSGS      Program name: IEBUPDTE      Executed on 18.05.19 from 16.50.16 to 16.50.16 *
*      elapsed time 24:00:00,04      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: 50 *
*      DMY.....0 195.....5 240.....0 DMY.....0 *
*
*      Charge for step (w/o SYSOUT): 0,01 *
*****
```

IEF375I JOB /LISTDSJ2/ START 19138.1650  
IEF376I JOB /LISTDSJ2/ STOP 19138.1650 CPU 0MIN 00.04SEC SRB 0MIN 00.00SEC

./ ADD NAME=CLISTDIJ

PROC 0

/\* DATASET INFORMATION

\*/

```
/* ***** */
/*
/* CLIST: CLISTDIJ
/* AUTHOR: Larry Belmontes Jr.
/* https://ShareABitOfIT.net/listdsj-for-mvs-3-8j/
/*
/*
/*
/* Description:
/* -----
/* ISPF 2.0 Panel driver to invoke LISTDSJ and display variable
/* names and values.
/*
/*
/*
/* 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 readers to submit 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
/* -----
/* 04/29/2019 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 = LISTDSJ /* TPM name */
SET PANELID = PLISTDSJ /* Panel name */
SET &RESP0 = /* Panel Response */
SET &KEYPRESS = /* Panel Key Pressed */
SET &Z = /* Z variable */
SET &JL = 49 /* DJMSG max length */
/* init vars to max size */

/*SET &ERRMSG = &STR(
/* 1234567890123456789012345678901234
SET &PARMDSN = &STR(
SET &PARMIN = &STR(
```

```
/* **** */
/* 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 = 1 /* Panel Messages ON */
SET &PMSG = 0 /* Panel Messages OFF */
```

```
/* **** */
/* ISPF Control statement */
/* **** */
```

## ISPEXEC CONTROL ERRORS RETURN

```
/* **** */
/* First-time Enter DSN message */
/* **** */
IF &PMSG EQ 1 THEN -
DO
  SET &ZERRSM = &STR(Enter DSN)
  SET &ZERRLM = &STR(Enter DSN and PARMS for &TPMNM CP)
  SET &ZERRMSG = &STR(LDSJ000Z)
/*ISPEXEC SETMSG (&ZERRMSG)
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

/* **** */
/* 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, enter new NAME.)
                /*ISPEXEC SETMSG MSG(&ZERRMSG)
            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.)
                /*ISPEXEC SETMSG MSG(&ZERRMSG)
            END
            GOTO GETDATA
        END
    END

/* **** */
/* Clear Panel values */
/* **** */

CONTINU: +
SET S00=
SET S01=&S00
SET S02=&S00
```

```
SET S03=&S00
SET S04=&S00
SET S05=&S00
SET S06=&S00
SET S07=&S00
SET S08=&S00
SET S09=&S00
SET S10=&S00
SET S11=&S00
SET S12=&S00
SET S13=&S00
SET S14=&S00
SET S15=&S00
SET S16=&S00
SET S17=&S00
SET S18=&S00
SET S19=&S00
SET S20=&S00
SET S21=&S00
SET S22=&S00
SET S23=&S00
SET S24=&S00
SET S25=&S00
SET S26=&S00
SET S27=&S00
SET S28=&S00
SET S29=&S00
SET S30=&S00
SET S31=&S00
SET S32=&S00
SET S33=&S00
SET S34=&S00
SET S35=&S00
SET S36=&S00
SET S37=&S00
SET S38=&S00
SET S39=&S00
SET S40=&S00
SET S41=&S00
SET S42=&S00
SET S43=&S00
SET S44=&S00
SET S45=&S00
```

```
/******
/* Build Command Line */
/******
SET CMDLINE = &TPMNM
IF &LENGTH(&PARMDSN) > 0 THEN -
DO
    SET PARMS = &STR(&SUBSTR(1:&LENGTH(&PARMDSN),&PARMDSN))
    SET CMDLINE = &STR(&CMDLINE &PARMS)
```

```
      END
    ELSE -
      SET PARMS    = &STR()

/*SET CMDLINE = &STR(&CMDLINE &PARMS)
  IF &LENGTH(&PARMIN) > 0 THEN -
    DO
      SET PARMS    = &STR(&SUBSTR(1:&LENGTH(&PARMIN),&PARMIN))
      SET CMDLINE = &STR(&CMDLINE &PARMS)
    END

  /*****
  /* Set PNLSW if PNL parm is specified
  /*****
  SET &SYSDVAL = &STR(&PARMS)
  READDVAL PRM1 PRM2 PRM3 PRM4 PRM5 PRM6 PRM7 PRM8 PRM9
  IF &PRM1 EQ PNL OR &PRM2 EQ PNL OR &PRM3 EQ PNL OR -
    &PRM4 EQ PNL OR &PRM5 EQ PNL OR &PRM6 EQ PNL OR -
    &PRM7 EQ PNL OR &PRM8 EQ PNL OR &PRM9 EQ PNL THEN -
    SET PNLSW = 1
  ELSE -
    SET PNLSW = 0

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

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

  IF &RC = 0 OR &RC = 4 OR &RC = 8 OR &RC = 16 THEN -
    DO
      IF &PNLSW EQ 0 THEN -
        DO
          SET S00=&STR(&SYSDSNAME)
          SET S01=&STR(&SUBSTR(1:&JL,&STR(&SYSLISTDSJMSG)))
          SET S02=&STR(&SYSREASON)
          SET S03=&STR(&SYSMSGVL1)
          SET S04=&STR(&SYSMSGVL2)
          SET S05=&STR(&SYSCREATE)
          SET S06=&STR(&SYSEXDATE)
          SET S07=&STR(&SYSREFDATE)
          SET S08=&SYSDSORG
          SET S09=&SYSRECFM
          SET S10=&SYSLRECL
          SET S11=&SYSBLKSIZE
          SET S12=&SYSKEYLEN
```

```
      SET S13=&SYSKEYPOS
      SET S14=&SYSPASSWORD
      SET S15=&SYSRACFA
      SET S16=&SYSADIRBLK
      SET S17=&SYSUDIRBLK
      SET S18=&SYSNUDIRBLK
      SET S19=&SYSMEMBERS
      SET S20=&SYSMEMBERSALIAS
      SET S21=&STR(&SYSVOLUME)
      SET S22=&SYSUNIT
      SET S23=&SYSUNITS
      SET S24=&SYSTRKSUSED
      SET S25=&SYSEXTENTS
      SET S26=&SYSTRKSALLOC
      SET S27=&SYSSECONDS
      SET S28=&SYSTRKSUNUSED
      SET S29=&SYSCYLVOL
      SET S30=&SYSTRKSCYL
      SET S31=&STR(&SYSJCREATE)
      SET S32=&STR(&SYSJEXDATE)
      SET S33=&STR(&SYSJREFDATE)
      SET S34=&SYSTRKLEN
      SET S35=&STR(&SYSUNITCAP)
      SET S36=&SYSBLKSTRK
      SET S37=&STR(&SYSCCREATE)
      SET S38=&STR(&SYSCEXDATE)
      SET S39=&STR(&SYSCREFDATE)
      SET S40=&SYSNUMVOLS
      SET S41=&SYSDSCAT
      SET S42=&STR(&SYSDSCATV)
      SET S43=&SYSPRIMARY
      SET S44=&SYSUSED
      SET S45=&STR(&SYSVOLUMES)
      END
    ELSE -
      IF &LENGTH(&STR(&S01)) > &JL THEN -
        SET S01=&STR(&SUBSTR(1:&JL,&STR(&S01)))
      ELSE -
        SET S01=&STR(&S01)
    IF &DEBUG EQ 1 THEN DO
      WRITE S00='&S00'
      WRITE S01='&S01'
      WRITE S02='&S02'
      WRITE S03='&S03'
      WRITE S04='&S04'
      WRITE S05='&S05'
      WRITE S06='&S06'
      WRITE S07='&S07'
      WRITE S08='&S08'
      WRITE S09='&S09'
      WRITE S10='&S10'
      WRITE S11='&S11'
```

SYSIN

NEW MASTER

IEBUPDTE LOG PAGE 0007

```
WRITE S12='&S12'  
WRITE S13='&S13'  
WRITE S14='&S14'  
WRITE S15='&S15'  
WRITE S16='&S16'  
WRITE S17='&S17'  
WRITE S18='&S18'  
WRITE S19='&S19'  
WRITE S20='&S20'  
WRITE S21='&S21'  
WRITE S22='&S22'  
WRITE S23='&S23'  
WRITE S24='&S24'  
WRITE S25='&S25'  
WRITE S26='&S26'  
WRITE S27='&S27'  
WRITE S28='&S28'  
WRITE S29='&S29'  
WRITE S30='&S30'  
WRITE S31='&S31'  
WRITE S32='&S32'  
WRITE S33='&S33'  
WRITE S34='&S34'  
WRITE S35='&S35'  
WRITE S36='&S36'  
WRITE S37='&S37'  
WRITE S38='&S38'  
WRITE S39='&S39'  
WRITE S40='&S40'  
WRITE S41='&S41'  
WRITE S42='&S42'  
WRITE S43='&S43'  
WRITE S44='&S44'  
WRITE S45='&S45'
```

END

END

ELSE -

DO

```
WRITE LISTDSJ RC=&RC  
SET S00=  
SET S01=&S00  
SET S02=&S00  
SET S03=&S00  
SET S04=&S00  
SET S05=&S00  
SET S06=&S00  
SET S07=&S00  
SET S08=&S00  
SET S09=&S00  
SET S10=&S00  
SET S11=&S00  
SET S12=&S00
```

```
SET S13=&S00
SET S14=&S00
SET S15=&S00
SET S16=&S00
SET S17=&S00
SET S18=&S00
SET S19=&S00
SET S20=&S00
SET S21=&S00
SET S22=&S00
SET S23=&S00
SET S24=&S00
SET S25=&S00
SET S26=&S00
SET S27=&S00
SET S28=&S00
SET S29=&S00
SET S30=&S00
SET S31=&S00
SET S32=&S00
SET S33=&S00
SET S34=&S00
SET S35=&S00
SET S36=&S00
SET S37=&S00
SET S38=&S00
SET S39=&S00
SET S40=&S00
SET S41=&S00
SET S42=&S00
SET S43=&S00
SET S44=&S00
SET S45=&S00
```

```
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)
/*ISPEXEC SETMSG MSG(&ZERRMSG)
```

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

```
./ ADD NAME=PLISTDSJ
/* ***** */
/*
/*      PANEL: PLISTDSJ
/*      AUTHOR: Larry Belmontes Jr.
/*      https://ShareABitOfIT.net/listdsj-for-mvs-3-8j/
/*
/*
/*
/*
/* Description:
/* -----
/*
/* ISPF 2.0 panel to invoke LISTSDJ 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 readers to submit 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
/* -----
/* 05/18/2019 1.0.01   Larry Belmontes Jr.
/*                  - Added version number to panel
/*
/* 04/29/2019 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(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)
)BODY WIDTH(&ZSCREENW) EXPAND(//)
%-----}LISTDSJ for MVS38J%-----/-/------}v1.0.01%-
%COMMAND ==>_ZCMD + / / +
+ / /%PANEL - &ZPANEL +
%NAME%=>_PARMDSN + / /%USERID - &ZUSER +
%PARM%=>_PARMIN + / /%TIME - &ZTIME +
+ / /%DATE - &ZDATE +
%MSG:]&S01 +/ / %- &ZJDATE +
%Return CD:+&CD +&S03 + / /%SYSTEM -}&ZSYSID +
%SYSREASON:+&S02 +&S04 + / /%TERMINAL - &ZTERM +
% + / /%TermSize[&SD x&SW +
{&S00 + + / /%APPLID - [&ZAPPLID+
%DSORG RECFM LRECL BLKSZ KEYL RKP PASSWORD RACF +
{&S08 +&S09 +&S10 +&S11 +&S12 +&S13 +&S14 +&S15 + +
%CREDIT+&S37 % EXPDT+&S38 % REFDT+&S39 + $CATL:]&S41 + +
% +&S31 +&S05 + &S32 +&S06 + +&S33 +&S07 + $Cvol:]&S42 + +
]&S45 ++ $VOLS:]&S40 + +
%Allocation: TYPE PRI USED SEC +
+ {&S21 +&S23 + +&S43 + +&S44 + +&S27 + +
%Tracks: TOT USED UNUSED EXTENTS +
+ +&S26 + +&S24 + +&S28 + +&S25 + +
%Device: CYLS TRKSCYL TRKLEN BLKSTRK CAPACITY +
{&S22 +&S29 + +&S30 + +&S34 + +&S36 + +&S35 + +
%PO Dir: BLKS USED UNUSED MEMBERS ALIAS +
+ +&S16 + +&S17 + +&S18 + +&S19 + +&S20 + +
)INIT
&SD = &ZSCREEND
&SW = &ZSCREENW
.CURSOR = PARMDSN
.HELP = HLISTDSJ
)REINIT
REFRESH(*) /* refresh all fields */
)PROC

&RESP0 = .RESP
&KEYPRESS = .PFKEY

/*IF (&KEYPRESS NE PF03)
/* VER(&PARMDSN,NB)
/* VER(&PARMDSN,DSNAME)

)END

./ ENDUP
```

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

SYSIN

NEW MASTER

IEBUPDTE LOG PAGE 0003

IEB818I HIGHEST CONDITION CODE WAS 00000000  
IEB819I END OF JOB IEBUPDTE.

```
./ ADD NAME=HLISTDSJ
/*****
/*
/*      PANEL: HLISTDSJ
/*      AUTHOR: Larry Belmontes Jr.
/*      https://ShareABitOfIT.net/listdsj-for-mvs-3-8j/
/*
/*
/*
/* Description:
/* -----
/*
/* ISPF 2.0 HELP for panel PLISTDSJ
/*
/*
/* 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 readers to submit 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
/* -----
/* 05/18/2019 1.0.01   Larry Belmontes Jr.
/*                   - Added help panel info for date seperator,
/*                   date formate layout, and version number
/*
/* 04/29/2019 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(OUTPUT) INTENS(HIGH) CAPS(OFF) JUST(ASIS) COLOR(RED)
[  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-----}LISTDSJ for MVS38J%-----/-/-----}v1.0.01%-
%COMMAND ==>_ZCMD                               +/ /%PANEL   - &ZPANEL +
+                                                / /                +
+ This panel displays all dataset attributes using the TPM LISTDSJ.          +
+ {NAME==>}xxxxxxxx.xxxxxxxxx.xxxxxxxxx.xxxxxxxxx.xxxxxxxxx                +
+   o%NAME+ fully qualified dataset name with no quotes (required)          +
+ {PARM ==>}VOL(nnnnnn) DIR PNL ABOUT DS(x) DF(n)                          +
+   o%VOL+  optional, target VOLUME for dataset name                      +
+           bypassing catalog search.                                       +
+   o%DIR+  optional, retrieve PDS directory information.                   +
+           This option will be ignored when requested file                 +
+           is not Partitioned.                                             +
+           %NOTE:+Last Referenced Date updated when file open.            +
+   o%PNL+  optional, CLIST symbolic names use a short name               +
+           format, Snn.                                                    +
+   o%ABOUT+optional, display LISTDSJ date time stamp on TSO              +
+           session screen.                                                 +
+           %NOTE:+No dataset information is retrieved.                    +
+   o%DS+   +optional, date seperator to be used for dates%default=S      +
+           D-Dash P-Period%S-Slash      +                                +
+   o%DF+   +optional, date format layout for MDY type dates%default=3    +
+           1-MM/DD/CCYY 2-DD/MM/CCYY%3-CCYY/MM/DD+4-CCYY/DD/MM            +
)INIT
.CURS0R = ZCMD
)PROC

&RESP0 = .RESP
&KEYPRESS = .PFKEY

)END
```

```
./ ENDUP
```

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

```
./ ADD NAME=LDSJ00
/* ***** */
/*
/* MESSAGES: LDSJ00
/*   AUTHOR: Larry Belmontes Jr.
/*           https://ShareABitOfIT.net/listdsj-for-mvs-3-8j/
/*
/*
/*
/* Description:
/* -----
/*
/* ISPF 2.0 Generic message entry for PANEL PLISTDSJ.
/*
/*
/* 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 readers to submit 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
/* -----
/* 04/29/2019 1.0.00   Larry Belmontes Jr.
/*                  - Initial version released to MVS 3.8J
/*                  hobbyist public domain
/*
/* ***** */
LDSJ000Z ' &ZERRSM          ' .ALARM=NO
' &ZERRMSG &ZERRLM
```

```
./ ENDUP
```

```
IEB816I MEMBER NAME (LDSJ00 ) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
```

SYSIN

NEW MASTER

IEBUPDTE LOG PAGE 0002

IEB819I END OF JOB IEBUPDTE.

