JCL/JCS Requirements and Examples

This section describes the job control information required to run ADASEL with BS2000, z/OS, and z/VSE systems and shows examples of each of the job streams.

This chapter covers the following topics:

- BS2000

- z/OS

- z/VSE

BS2000

Data Set	Link Name	Storage	More Information
Protection log	DDSIIN	tape/ disk	Sequential log
Optional FDT input	DDEBANn	tape/ disk	Either DDEBAND or DDSAVE can be specified, but not both.
Optional save tape with FDT input	DDSAVE	tape/ disk	Either DDEBAND or DDSAVE can be specified, but not both. This link name is required if a save tape is used in the ADASEL run.
Selected data	DDEXPAn	tape/ disk	Output by ADASEL
Associator	DDASSORn	disk	
ADARUN parameters	SYSDTA/ DDCARD		*Operations*
ADASEL parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT/ DDPRINT		*Messages and Codes*
ADASEL messages	SYSLST/ DDDRUCK		*Messages and Codes*

ADASEL JCL Example (BS2000)

In SDF Format:

```
/.ADASEL LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK * A D A S E L ALL FUNCTIONS
/REMARK *
/DELETE-FILE SEL.AUS
/SET-JOB-STEP
```

```
/CREATE-FILE SEL.AUS,PUB(SPACE=(48,48))
/SET-JOB-STEP
/ASS-SYSLST L.SEL
/ASS-SYSDTA *SYSCMD
/SET-FILE-LINK DDLIB,ADAvrs.MOD
/SET-FILE-LINK DDASSOR1,ADAyyyyy.ASSO
/SET-FILE-LINK DDSIIN,ADAyyyyy.SIBA
/SET-FILE-LINK DDEXPA1,SEL.AUS
/START-PROGRAM *M(ADA.MOD,ADARUN),PR-MO=ANY
ADARUN PROG=ADASEL,DB=yyyyy,IDTNAME=ADABAS5B
SELECT ALL FROM FILE 11
DISPLAY AA BB BA BC CA CC
END
/LOGOFF SYS-OUTPUT=DEL
```

In ISP Format:

```
/.ADASEL LOGON
/OPTION MSG=FH,DUMP=YES
/REMARK *
/REMARK * A D A S E L ALL FUNCTIONS
/REMARK *
/SYSFILE SYSLST=L.SEL
/FILE ADA.ASSO ,LINK=DDASSOR1
/FILE ADA.MOD ,LINK=DDLIB
/FILE ADAyyyyy.SIBA ,LINK=DDSIIN
/FILE SEL.AUS ,LINK=DDEXPA1 ,SPACE=(48,48)
/EXEC (ADARUN,ADA.MOD)
ADARUN PROG=ADASEL,DB=yyyyy,IDTNAME=ADABAS5B
SELECT ALL FROM FILE 11
DISPLAY AA BB BA BC CA CC
END
/LOGOFF NOSPOOL
```

z/OS

Data Set	DD Name	Storage	More Information
Protection log	DDSIIN	tape/ disk	Sequential log
Optional FDT input	DDEBAND	tape/ disk	Either DDEBAND or DDSAVE can be specified, but not both.
Optional save tape with FDT input	DDSAVE	tape/ disk	Either DDEBAND or DDSAVE can be specified, but not both. This DD is required if a save tape is used in the ADASEL run.
Selected data	DDEXPAn	tape/ disk	Output by ADASEL
Associator	DDASSORn	disk	
ADARUN parameters	DDCARD	reader	*Operations*
ADASEL parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	*Messages and Codes*
ADASEL messages	DDDRUCK	printer	*Messages and Codes*

ADASEL JCL Example (z/OS)

```
//ADASEL    JOB
//*
//*   ADASEL:
//*      SELECT PROTECTION DATA
//*
//SEL       EXEC PGM=ADARUN
//STEPLIB   DD   DISP=SHR,DSN=ADABAS.ADAvrs.LOAD          <=== ADABAS LOAD
//*
//DDASSOR1  DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.ASSOR1   <=== ASSO
//DDDATAR1  DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.DATAR1   <=== DATA
//DDWORKR1  DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.WORKR1   <=== WORK
//DDSIIN    DD   DISP=OLD,DSN=EXAMPLE.DByyyyy.PLOG5    <=== OUTPUT ADARES
//*                                                         PLCOPY
//DDEXPA1   DD   DISP=(,CATLG),DSN=EXAMPLE.DByyyyy.EXPA1, <= OUTPUT ADASEL
//               SPACE=(TRK,(10,5),RLSE),VOL=SER=vvvvvv,UNIT=uuuu
//DDDRUCK   DD   SYSOUT=X
//DDPRINT   DD   SYSOUT=X
//SYSUDUMP  DD   SYSOUT=X
//DDCARD    DD   *
ADARUN PROG=ADASEL,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE   DD   *

*
*    SELECT UPDATES FOR FILE NUMBER 1
*
SELECT ALL FROM FILE 1
  OUTPUT TO EXPA1
END
/*
```

Refer to ADASEL in the JOBS data set for this example.

z/VSE

File	File Name	Storage	Logical Unit	More Information
Protection log	SIIN	tape disk	SYS010 *	Sequential log
Optional FDT input	EBAND	tape/ disk		Either DDEBAND or DDSAVE can be specified, but not both.
Optional save tape with FDT input	SAVE	tape/ disk		Either DDEBAND or DDSAVE can be specified, but not both. This file is required if a save tape is used in the ADASEL run.
Selected data	EXPA1-20	tape disk	SYS011-SYS030 *	Output by ADASEL
Associator	ASSORn	disk	*	
ADARUN parameters	SYSRDR CARD	reader/ tape/ disk		*Operations*
ADASEL parameters	SYSIPT	reader		
ADARUN messages	SYSLST	printer		*Messages and Codes*
ADASEL messages	SYS009	printer		*Messages and Codes*

* Any programmer logical unit may be specified.

ADASEL JCS Example (z/VSE)

```
* $$ JOB JNM=ADASEL,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADASEL
*        SELECT PROTECTION DATA
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// PAUSE MOUNT LOAD INPUT PLOG FILE ON TAPE cuu
// ASSGN SYS010,TAPE
// TLBL SIIN,'EXAMPLE.DByyyyy.PLOG5'
// DLBL EXPA1,'EXAMPLE.ADAyyyyy.EXPA1'
// EXTENT SYS015,,,,ssss,nnnn
// ASSGN SYS015,DISK,VOL=vvvvvv,SHR
// EXEC ADARUN,SIZE=ADARUN
```

```
ADARUN PROG=ADASEL,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
*     SELECT UPDATES FOR FILE NUMBER 1
*
SELECT ALL FROM FILE 1
  OUTPUT TO EXPA1

END
/*
/&
* $$ EOJ
```

Refer to member ADASEL.X for this example.