

JCL/JCS Requirements and Examples

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

This chapter covers the following topics:

- BS2000
- z/OS
- z/VM
- VSE

BS2000

Data Set	Link Name	Storage	More Information
Protection log	DDSIIN	tape/ disk	Sequential log
Selected data	DDEXPAn	tape/ disk	Output by ADASEL
Associator	DDASSORn	disk	
ADARUN parameters	SYSDTA/ DDCARD		<i>Operations</i>
ADASEL parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT/ DDPRINT		<i>Messages and Codes</i>
ADASEL messages	SYSLST/ DDDRUCK		<i>Messages and Codes</i>

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=FB,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
Selected data	DDEXPA _n	tape/ disk	Output by ADASEL
Associator	DDASSOR _n	disk	
ADARUN parameters	DDCARD	reader	<i>Operations</i>
ADASEL parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	<i>Messages and Codes</i>
ADASEL messages	DDDRUCK	printer	<i>Messages and Codes</i>

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 EXPAL
END
/*
```

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

z/VM

Data Set	DD Name	Storage	More Information
Protection log	DDSIIN	tape/ disk	Sequential log
Selected data	DDEXPAn	tape/ disk	
Associator	DDASSORn	disk	
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Operations</i>
ADASEL parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Messages and Codes</i>
ADASEL messages	DDDRUCK	disk/ terminal/ printer	<i>Messages and Codes</i>

Example (z/VM)

```
DATADDEF DDASSOR1,DSN=ADABASVv.ASSO,VOL=ASSOV1
DATADDEF DDSIIN,DSN=ADABASVv.SIBA,UNIT=181,VOL=SIBAXX
DATADDEF DDEXPAL,DSN=ADABASVv.EXPAL,MODE=A
DATADDEF DDPRINT,DSN=ADASEL.DDPRINT,MODE=A
DATADDEF DUMP,DUMMY
DATADDEF DDDRUCK,DSN=ADASEL.DDDRUCK,MODE=A
DATADDEF DDCARD,DSN=RUNSEL.CONTROL,MODE=A
DATADDEF DDKARTE,DSN=ADASEL.CONTROL,MODE=A
LOAD ADARUN ( START
```

Contents of RUNSEL CONTROL A1

```
ADARUN PROG=ADASEL,DEVICE=dddd,DB=yyyyy
```

Contents of ADASEL CONTROL A1

```
SELECT ALL FROM FILE 11
DISPLAY ISN
END
```

VSE

File	File Name	Storage	Logical Unit	More Information
Protection log	SIIN	tape disk	SYS010 *	Sequential log
Selected data	EXPA1-20	tape disk	SYS011-SYS030 *	Output by ADASEL
Associator	ASSORn	disk	*	
ADARUN parameters	SYSRDR CARD	reader/ tape/ disk		<i>Operations</i>
ADASEL parameters	SYSIPT	reader		
ADARUN messages	SYSLST	printer		<i>Messages and Codes</i>
ADASEL messages	SYS009	printer		<i>Messages and Codes</i>

* Any programmer logical unit may be specified.

ADASEL JCS Example (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.