

# JCL/JCS Requirements and Examples

This section describes the job control information required to run ADAREP 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
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
Save tape	DDSAVE	tape/ disk	Only with SAVETAPE
Protection log	DDPLOG	tape/ disk	Option with online save tape
ADARUN parameters	SYSDTA/ DDCARD		<i>Operations</i>
ADAREP parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT DDPRINT		<i>Messages and Codes</i>
ADAREP messages	SYSLST DDDRUCK		<i>Messages and Codes</i>
ADAREP XML base report	DDXMLR1	tape/disk	Only necessary when the OUTPUT or ACODE parameters are specified. This data must be defined with DCB parameters RECFM=VB,LRECL=512.
ADAREP XML checkpoint list report	DDXMLR2	tape/disk	Only necessary when the OUTPUT or ACODE parameters are specified in the same run as the CPLIST or CPEXLIST parameters. This data must be defined with DCB parameters RECFM=VB,LRECL=512.

### ADAREP JCL Example (BS2000)

**In SDF Format:**

```

/.ADAREP LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK * A D A R E P ALL FUNCTIONS
/REMARK *
/ASS-SYSLST L.REP
/ASS-SYSDTA *SYSCMD
/SET-FILE-LINK DDLIB,ADAvrs.MOD
/SET-FILE-LINK DDASSOR1,ADAYyyyy.ASSO,SHARE-UPD=YES
/SET-FILE-LINK DDDATAR1,ADAYyyyy.DATA,SHARE-UPD=YES
/START-PROGRAM *M(ADA.MOD,ADARUN),PR-MO=ANY
ADARUN PROG=ADAREP,DB=yyyyyy,IDTNAME=ADABAS5B
ADAREP CPLIST
/LOGOFF SYS-OUTPUT=DEL

```

**In ISP Format:**

```

/.ADAREP LOGON
/OPTION MSG=FH,DUMP=YES
/REMARK *
/REMARK * A D A R E P ALL FUNCTIONS
/REMARK *
/SYSFILE SYSLST=L.REP
/FILE ADA.MOD,LINK=DDLIB
/FILE ADAYyyyy.ASSO,LINK=DDASSOR1,SHARUPD=YES
/FILE ADAYyyyy.DATA,LINK=DDATAR1,SHARUPD=YES
/EXEC (ADARUN,ADA.MOD)
ADARUN PROG=ADAREP,DB=yyyyyy,IDTNAME=ADABAS5B
ADAREP CPLIST
/LOGOFF NOSPOOL

```

**z/OS**

Data Set	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
Save tape	DDSAVE	tape/ disk	Only with SAVETAPE
Protection log	DDPLOG	tape/ disk	Option with online save tape
ADARUN parameters	DDCARD	reader	<i>Operations</i>
ADAREP parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	<i>Messages and Codes</i>
ADAREP messages	DDDRUCK	printer	<i>Messages and Codes</i>
ADAREP XML base report	DDXMLR1	tape/disk	Only necessary when the OUTPUT or ACODE parameters are specified. This data must be defined with DCB parameters RECFM=VB,LRECL=512.
ADAREP XML checkpoint list report	DDXMLR2	tape/disk	Only necessary when the OUTPUT or ACODE parameters are specified in the same run as the CPLIST or CPEXLIST parameters. This data must be defined with DCB parameters RECFM=VB,LRECL=512.

## ADAREP JCL Example (z/OS)

### All Functions

```
//ADAREP    JOB
//*
//*    ADAREP: ALL FUNCTIONS
//*
//REP      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
//DDDRUCK  DD    SYSOUT=X
//DDPRINT  DD    SYSOUT=X
//SYSUDUMP DD    SYSOUT=X
//DDCARD   DD    *
ADARUN  PROG=ADAREP,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE  DD    *
ADAREP  CPEXLIST
/*
```

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

## Report from a Save Tape

```
//ADAREPS   JOB
//*
//*   ADAREP: REPORT FROM A SAVE TAPE
//*
//REP       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
//DDSAVE    DD     DISP=SHR,DSN=EXAMPLE.DByyyyy.SAVE   <=== SAVE DATASET
//DDDRUCK   DD     SYSOUT=X
//DDPRINT   DD     SYSOUT=X
//SYSUDUMP  DD     SYSOUT=X
//DDCARD    DD     *
ADARUN PROG=ADAREP,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE   DD     *
ADAREP     REPORT SAVETAPE,NOCOUNT
/*
```

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

## z/VSE

Data Set	Symbolic Name	Storage	Logical Unit	More Information
Associator	ASSORn	disk		
Data Storage	DATARn	disk		
Save tape	SAVE	tape disk	SYS010 see note	Only with SAVETAPE
Protection log	PLOG	tape disk	SYS011 see note	Option with online save tape
ADARUN parameters	SYSRDR CARD CARD	reader tape disk	SYSRDR SYS000 see note	<i>Operations</i>
ADAREP parameters		reader	SYSIPT	
ADARUN messages		printer	SYSLST	<i>Messages and Codes</i>
ADAREP report		printer	SYS009	
ADAREP XML base report	DDXMLR1	tape/disk		Only necessary when the OUTPUT or ACODE parameters are specified. This data must be defined with DCB parameters RECFM=VB,LRECL=512.
ADAREP XML checkpoint list report	DDXMLR2	tape/disk		Only necessary when the OUTPUT or ACODE parameters are specified in the same run as the CPLIST or CPEXLIST parameters. This data must be defined with DCB parameters RECFM=VB,LRECL=512.

**Note:**

Any programmer logical unit may be used.

**ADAREP JCS Example (z/VSE)**

See *Library and File Procedures for z/VSE Examples* for descriptions of the z/VSE procedures (PROCs).

**All Functions**

```
* $$ JOB JNM=ADAREP,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADAREP
*      ALL FUNCTIONS
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAREP,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADAREP    CPEXLIST
/*
/&
* $$ EOJ
```

Refer to member ADAREP.X for this example.

### Report from a Save Tape

```
* $$ JOB JNM=ADAREPS,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADAREPS
*       REPORT FROM A SAVE TAPE
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// ASSGN SYSTEM,TAPE
// PAUSE MOUNT LOAD SAVE FILE ON TAPE cuu
// TLBL SAVE,'EXAMPLE.DByyyyyy.SAVE'
// MTC REW,SYS010
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAREP,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADAREP      REPORT SAVETAPE,NOCOUNT
/*
/&
* $$ EOJ
```

Refer to member ADAREPS.X for this example.