

JCL/JCS Requirements and Examples

This section describes the job control information required to run ADAREP with BS2000, OS/390 or z/OS, VM/ESA or z/VM, and VSE/ESA systems and shows examples of each of the job streams.

This chapter covers the following topics:

- BS2000
- OS/390 or z/OS
- VM/ESA or z/VM
- VSE/ESA

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 DDRUCK		<i>Messages and Codes</i>

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,ADAYyyy.ASSO,SHARE-UPD=YES
/SET-FILE-LINK DDDATAR1,ADAYyyy.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=DDDATAR1,SHARUPD=YES
/EXEC (ADARUN,ADA.MOD)
ADARUN PROG=ADAREP,DB=yyyyyy,IDTNAME=ADABAS5B
ADAREP CPLIST
/LOGOFF NOSPOOL

```

OS/390 or 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 JCL Example (OS/390 or z/OS)**All Functions**

```

//ADAREP JOB
//*
//* ADAREP: ALL FUNCTIONS
//*
//REP EXEC PGM=ADARUN
//STEPLIB DD DISP=SHR,DSN=ADABAS.Vvrs.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=yyyyyy
/*
//DDKARTE DD *
ADAREP CPEXLIST
/*

```

Refer to ADAREP in the MVSJOBS 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.Vvrs.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 DATA SET
//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 MVSJOBS data set for this example.

VM/ESA or z/VM

Data set	DD Name	Medium	Additional 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	disk/ terminal/ reader	<i>Operations</i>
ADAREP parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Messages and Codes</i>
ADAREP messages	DDDRUCK	disk/ terminal/ printer	<i>Messages and Codes</i>

ADAREP Example (VM/ESA or z/VM)

```
DATADDEF DDASSOR1,DSN=ADABASVv.ASSO,VOL=ASSOV1
DATADDEF DDDATAR1,DSN=ADABASVv.DATA,VOL=DATAV1
DATADDEF DDPRINT,DSN=ADAREP.DDPRINT,MODE=A
DATADDEF DUMP,DUMMY
```

```

DATADEF DDDRUCK , DSN=ADAREP . DDDRUCK , MODE=A
DATADEF DDCARD , DSN=RUNREP . CONTROL , MODE=A
DATADEF DDKARTE , DSN=ADAREP . CONTROL , MODE=A
ADARUN

```

Contents of RUNREP CONTROL A1

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

Contents of ADAREP CONTROL A1

```
ADAREP CPLIST
```

VSE/ESA

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	

Note:

Any programmer logical unit may be used.

ADAREP JCS Example (VSE/ESA)

See Procedures for VSE/ESA Examples for descriptions of the VSE/ESA 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.DByyyyy.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.