

ADARES JCL/JCS Requirements and Examples

This section describes the job control information required to run the Delta Save functions of ADARES with BS2000/OSD, z/OS, z/VM, VSE/ESA and z/VSE systems, and shows examples of each of the job streams.

Note:

When running with the optional Recovery Aid (RLOG), all temporary datasets must also be cataloged in the job control.

This chapter covers the following topics:

- BS2000/OSD
- z/OS
- z/VM
- VSE/ESA and z/VSE

BS2000/OSD

Dataset	Link Name	Storage	More Information
Associator	DDASSORn	disk	
Delta Save images (DSIM)	DDDSIMR1	disk	required when ADARUN DSF=YES
Sequential protection log (PLOG)	DDSIIN	tape/disk	input log for COPY
Dual/multiple PLOG	DDPLOGRn	disk	input log for PLCOPY
Copied log	DDSIAUS1	tape/disk	output of COPY, CLCOPY, PLCOPY
Extra copied log	DDSIAUS2	tape/disk	required if a copy function is used with TWOCOPIES
Recovery log (RLOG)	DDRLOGR1	disk	required for RLOG function
ADARES parameters	SYSDTA/DDKARTE		
ADARUN parameters	SYSDTA/DDCARD		<i>Adabas Operations</i>
ADARES messages	SYSLST/DDDRUCK		<i>Adabas Messages and Codes</i>
ADARUN messages	SYSOUT/DDPRINT		<i>Adabas Messages and Codes</i>

Rebuild DSIM Dataset from Sequential Protection Log (ADARES COPY)

```

/ .COPY                LOGON

/ MOD-JOB-OPTIONS     LISTING=YES

/ MOD-TEST            DUMP=YES

/ ASS-SYSLST          DO.PLCOPY.LST

/ ASS-SYSOUT          DO.PLCOPY.OUT

/ SET-JOB-STEP

/ ASS-SYSDTA          *SYSCMD

/ SET-FILE-LINK       DDASSOR1 ,

ADABAS.DB010.ASSOR1 , SUP=DISK( SHARE-UPD=YES )

/ SET-FILE-LINK       DDDSIMR1 , ADABAS.DB010.DSIM
, SUP=DISK( SHARE-UPD=NO )

/ SET-FILE-LINK       DDSIIN  , ADABAS.DB010.PLOG0310

/ SET-FILE-LINK       DDSIAUS1 , *DUMMY

/ SET-FILE-LINK       DDLIB   , ADABAS.MOD

/ REMARK

/ START-PROGRAM       FROM-FILE= *MOD( ADABAS.MOD , ADARUN )

ADARUN  PROG=ADARES , DSF=YES . . .

ADARES COPY . . .

ADARES      DSIMSIZE= . . .

/ ASS-SYSLST          *PRIM

/ ASS-SYSOUT          *PRIM

/ ASS-SYSDTA          *PRIM

/ LOGOFF              SYS-OUTPUT=DEL

```

Copy Dual/Multiple Protection Log/Build DSIM Dataset (ADARES PLCOPY)

```

/ .PLCOPY             LOGON

/ MOD-JOB-OPTIONS     LISTING=YES

/ MOD-TEST            DUMP=YES

/ ASS-SYSLST          DO.PLCOPY.LST

/ ASS-SYSOUT          DO.PLCOPY.OUT

/ CREATE-FILE         ADABAS.DB010 , PLOG.COPY ,

```

```

/          (SPACE=RELA(PRIM-ALLOC=960,SEC-ALLOC=96))

/SET-JOB-STEP

/ASS-SYSDTA      *SYSCMD

/SET-FILE-LINK   DDASSOR1,
ADABAS.DB010.ASSOR1,SUP=DISK(SHARE-UPD=YES)

/SET-FILE-LINK   DDDSIMR1, ADABAS.DB010.DSIM
,SUP=DISK(SHARE-UPD=YES)

/SET-FILE-LINK   DDPLOGR1, ADABAS.DB010.PLOGR1

/SET-FILE-LINK   DDPLOGR2, ADABAS.DB010.PLOGR2

/SET-FILE-LINK   DDSIIN  , ADABAS.DB010.PLOG.COPY,OPEN-MODE=OUTIN,
/
BUFFER-LENGTH=STD(16)

/SET-FILE-LINK   DDLIB   , ADABAS.MOD

/REMARK

/START-PROGRAM   FROM-FILE=*MOD(ADABAS.MOD,ADARUN)
ADARUN  PROG=ADARES,DSF=YES...

ADARES  PLCOPY ...

ADARES      DSIMSIZE=...

/ASS-SYSLST      *PRIM

/ASS-SYSOUT      *PRIM

/ASS-SYSDTA      *PRIM

/LOGOFF          SYS-OUTPUT=DEL

```

z/OS

Dataset	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Delta Save images (DSIM)	DDDSIMR1	disk	required when ADARUN DSF=YES
Sequential protection log (PLOG)	DDSIIN	tape/disk	input log for COPY
Dual/multiple PLOG	DDPLOGRn	disk	input log for PLCOPY
Copied log	DDSIAUS1	tape/disk	output of COPY and PLCOPY
Extra copied log	DDSIAUS2	tape/disk	required if a copy function is used with TWOCOPIES
Recovery log (RLOG)	DDRLOGR1	disk	required for RLOG option
ADARES parameters	DDKARTE		
ADARUN parameters	DDCARD		<i>Adabas Operations</i>
ADARES messages	DDDRUCK		<i>Adabas Messages and Codes</i>
ADARUN messages	DDPRINT		<i>Adabas Messages and Codes</i>

Rebuild DSIM Dataset from Sequential Protection Log (ADARES COPY)

```
//COPY      EXEC  PGM=ADARUN

//DDASSOR1 DD  DSN=ADABAS.DB010.ASSOR1,DISP=SHR

//DDDSIMR1 DD  DSN=ADABAS.DB010.DSIMR1,DISP=OLD

//DDSIIN   DD  DSN=ADABAS.DB010.PLOG0310,DISP=SHR

//DDSIAUS1 DD  DUMMY

//DDCARD   DD  *

ADARUN  PROG=ADARES,DSF=YES,...

//DDKARTE  DD  *

ADARES  COPY ...

ADARES   DSIMSIZE=...

//DDPRINT  DD  SYSOUT=*

//DDDRUCK  DD  SYSOUT=*
```

Copy Dual/Multiple Protection Log/Build DSIM Dataset (ADARES PLCOPY)

```
//PLCOPY EXEC PGM=ADARUN
//DDASSOR1 DD DSN=ADABAS.DB010.ASSOR1,DISP=SHR
//DDPLOGR1 DD DSN=ADABAS.DB010.PLOGR1,DISP=SHR
//DDPLOGR2 DD DSN=ADABAS.DB010.PLOGR2,DISP=SHR
//DDDSIMR1 DD DSN=ADABAS.DB010.DSIMR1,DISP=SHR
//DDSIAUS1 DD DSN=ADABAS.DB010.PLOG1310,DISP=(NEW,CATLG),
// UNIT=CASS,...
//DDCARD DD *
ADARUN PROG=ADARES,DSF=YES,...
//DDKARTE DD *
ADARES PLCOPY ...
ADARES DSIMSIZE=...
//DDPRINT DD SYSOUT=*
//DDDRUCK DD SYSOUT=*
```

z/VM

Dataset	DD Name	Storage Type	More Information
Associator	DDASSORn	disk	
Delta Save images (DSIM)	DDDSIMR1	disk	required when ADARUN DSF=YES
Sequential protection log (PLOG)	DDSIIN	tape/disk	input log for COPY
Dual/multiple PLOG	DDPLOGRn	disk	input log for PLCOPY
Copied log	DDSIAUS1	tape/disk	output of COPY and PLCOPY
Extra copied log	DDSIAUS2	tape/disk	required if a copy function is used with TWOCOPIES
Recovery log (RLOG)	DDRLOGR1	disk	required for RLOG option
ADARES parameters	DDKARTE	disk/ terminal/ reader	
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Adabas Operations</i>
ADARES messages	DDDRUCK	disk/ terminal/ printer	<i>Adabas Messages and Codes</i>
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Adabas Messages and Codes</i>

Rebuild DSIM Dataset from Sequential Protection Log (ADARES COPY)

```

DATADEF DDASSOR1 ,DSN=ADABASVv . ASSO ,VOL=ASSOV1

DATADEF DDDSIMR1 ,DSN=ADABASVv .DSIM ,VOL=DSIM

DATADEF DDSIIN ,DSN=ADABASVv . SIBA ,MODE=A

DATADEF DDSIAUS1 ,DSN=ADABASVv . SIAUS1 ,UNIT=181 ,VOL=SIBA01

DATADEF DDPRINT ,DSN=ADARES . DDPRINT ,MODE=A

DATADEF DDDRUCK ,DSN=ADARES . DDDRUCK ,MODE=A

DATADEF DDCARD ,DSN=RUNRES . CONTROL ,MODE=A

DATADEF DDKARTE ,DSN=ADARES . CONTROL ,MODE=A

ADARUN

```

Contents of RUNRES CONTROL A1:

```
ADARUN PROG=ADARES ,DSF=YES . . .
```

Contents of ADARES CONTROL A1:

ADARES COPY ...

ADARES DSIMSIZE=...

Copy Dual/Multiple Protection Log/Build DSIM Dataset (ADARES PLCOPY)

```
DATADEF DDASSOR1,DSN=ADABASVv.ASSO,VOL=ASSOV1
DATADEF DDPLOGR1,DSN=ADABASVv.PLOGR1,VOL=PLOGR1
DATADEF DDPLOGR2,DSN=ADABASVv.PLOGR2,VOL=PLOGR2
DATADEF DDDSIMR1,DSN=ADABASVv.DSIM,VOL=DSIM
DATADEF DDSIAUS1,DSN=ADABASVv.SIAUS1,UNIT=181,VOL=SIBA01
DATADEF DDPRINT,DSN=ADARES.DDPRINT,MODE=A
DATADEF DDDRUCK,DSN=ADARES.DDDRUCK,MODE=A
DATADEF DDCARD,DSN=RUNRES.CONTROL,MODE=A
DATADEF DDKARTE,DSN=ADARES.CONTROL,MODE=A
ADARUN
```

Contents of RUNRES CONTROL A1:

ADARUN PROG=ADARES,DSF=YES...

Contents of ADARES CONTROL A1:

ADARES PLCOPY ...

ADARES DSIMSIZE=...

VSE/ESA and z/VSE

Dataset	Symbolic	Storage	Logical Unit	More Information
Associator	ASSORn	disk		see note
Delta Save images (DSIM)	DSIMR1	disk		required when ADARUN DSF=YES
Sequential protection log (PLOG)	SIIN	tape/disk		input log for COPY
Dual/multiple PLOG	PLOGRn	disk	*	input log for PLCOPY
Copied log	SIAUS1	tape disk	SYS021 *	output of COPY and PLCOPY
Extra copied log	SIAUS2	tape disk	SYS022 *	required if a copy function is used with TWOCOPIES
Recovery log (RLOG)	RLOGR1	disk		required for RLOG option
ADARES parameters		reader	SYSIPT	
ADARUN parameters	- CARD CARD	reader tape disk	SYSRDR SYS000 *	<i>Adabas Operations</i>
ADARES messages		printer	SYS009	<i>Adabas Messages and Codes</i>
ADARUN messages		printer	SYSLST	<i>Adabas Messages and Codes</i>

* Any programmer logical unit can be used.

See the VSE/ESA-related job information in section Adabas Utility Functions for Delta Save .

Rebuild DSIM Dataset from Sequential Protection Log (ADARES COPY)

```
// EXEC PROC=ADAVvFIL
// EXEC PROC=ADAVvLIB
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADARES,DSF=YES,...
/*
ADARES COPY
ADARES DSIMSIZE=...
/*
```


Copy Dual/Multiple Protection Log/Build DSIM Dataset (ADARES PLCOPY)

```
// EXEC PROC=ADAVvFIL
// EXEC PROC=ADAVvLIB
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADARES,DSF=YES,...
/*
ADARES PLCOPY
ADARES DSIMSIZE=...
/*
```