

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                  DDASS0R1,

ADABAS.DB010.ASS0R1,SUP=DISK(SHARE-UPD=YES)

/SET-FILE-LINK                  DDSIMR1, 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)

```
DATADDEF DDASSOR1, DSN=ADABASVv.ASSO, VOL=ASSOV1
```

```
DATADDEF DDPLOGR1, DSN=ADABASVv.PLOGR1, VOL=PLOGR1
```

```
DATADDEF DDPLOGR2, DSN=ADABASVv.PLOGR2, VOL=PLOGR2
```

```
DATADDEF DDSIMR1, DSN=ADABASVv.DSIM, VOL=DSIM
```

```
DATADDEF DDSIAUS1, DSN=ADABASVv.SIAUS1, UNIT=181, VOL=SIBA01
```

```
DATADDEF DDPRINT, DSN=ADARES.DDPRINT, MODE=A
```

```
DATADDEF DDDRUCK, DSN=ADARES.DDDRUCK, MODE=A
```

```
DATADDEF DDCARD, DSN=RUNRES.CONTROL, MODE=A
```

```
DATADDEF 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=. . .  
  
/*
```