JCL/JCS Requirements and Examples

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

This chapter covers the following topics:

- Collation with User Exit

- BS2000

- z/OS

- z/VM

- VSE

Collation with User Exit

If a collation user exit is to be used during ADADBS ONLINVERT execution, the ADARUN CDXnn parameter must be specified for the utility run.

Used in conjunction with the universal encoding support (UES), the format of the collation descriptor user exit parameter is

ADARUN CDXnn= exit-name

where

nn	is the number of the collation descriptor exit, a two-digit decimal integer in the range 01-08 inclusive.
exit-name	is the name of the user routine that gets control at the collation descriptor exit; the name can be up to 8 characters long.

Only one program may be specified for each collation descriptor exit. Up to 8 collation descriptor exits may be specified (in any order). See the *Adabas DBA Reference* documentation for more information.

BS2000

Data Set	Link Name	Storage	More Information
Associator	DDASSORn		Required for OPERCOM DDIB or RESETDIB with inactive nucleus
ADARUN parameters	SYSDTA/ DDCARD		*Operations*
ADADBS parameters	SYSDTA/ DDKARTE		*Utilities*
ADARUN messages	SYSOUT/ DDPRINT		*Messages and Codes*
ADADBS messages	SYSLST/ DDDRUCK		*Messages and Codes*

ADADBS JCL Example (BS2000)

In SDF Format:

```
/.ADADBS LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK * A D A D B S ALL FUNCTIONS
/REMARK *
/ASS-SYSLST L.DBS.DATA
/ASS-SYSDTA *SYSCMD
/SET-FILE-LINK DDLIB,ADAvrs.MOD
/START-PROGRAM *M(ADA.MOD,ADARUN),PR-MO=ANY
ADARUN PROG=ADADBS,DB=yyyyy,IDTNAME=ADABAS5B
ADADBS REFRESH FILE=1
/LOGOFF SYS-OUTPUT=DEL
```

In ISP Format:

```
/.ADADBS LOGON
 /OPTION MSG=FH,DUMP=YES
 /REMARK *
 /REMARK * A D A D B S ALL FUNCTIONS
 /REMARK *
 /SYSFILE SYSLST=L.DBS
 /FILE ADA.MOD,LINK=DDLIB
 /EXEC (ADARUN,ADA.MOD)
 ADARUN PROG=ADADBS,DB=yyyyy,IDTNAME=ADABAS5B
 ADADBS REFRESH FILE=1
 /LOGOFF NOSPOOL
```

z/OS

Data Set	DD Name	Storage	More Information
Associator	DDASSORn	disk	Required only for OPERCOM DDIB or RESETDIB functions with inactive nucleus
ADADBS messages	DDDRUCK	printer	*Messages and Codes*
ADARUN messages	DDPRINT	printer	*Messages and Codes*
ADARUN parameters	DDCARD	reader	*Operations*
ADADBS parameters	DDKARTE	reader	

ADADBS JCL Example (z/OS)

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

```
//ADADBS     JOB
//*
//*      ADADBS:
//*         DATA BASE SERVICES (BATCH)
//*
//DBS        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
//DDDRUCK    DD   SYSOUT=X
//DDPRINT    DD   SYSOUT=X
//SYSUDUMP   DD   SYSOUT=X
//DDCARD     DD   *
ADARUN PROG=ADADBS,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE    DD   *
ADADBS     REFRESH FILE=1
/*
```

z/VM

Data Set	DD Name	Storage	More Information
Associator	DDASSORn	disk/ terminal/ reader	Required only for OPERCOM DDIB or RESETDIB functions with inactive nucleus
ADARUN parameters	DDCARD	disk/ terminal/ reader	*Operations*
ADADBS parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	*Messages and Codes*
ADADBS messages	DDDRUCK	disk/ terminal/ printer	

ADADBS JCL Example (z/VM)

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

```
DATADEF DDPRINT,DSN=ADADBS,DDPRINT,MODE=A
DATADEF DUMP,DUMMY
DATADEF DDDRUCK,DSN=ADADBS.DDDRUCK,MODE=A
DATADEF DDCARD,DSN=RUNDBS.CONTROL,MODE=A
DATADEF DDKARTE,DSN=ADADBS.CONTROL,MODE=A
ADARUN
```

Contents of RUNDBS CONTROL A1:

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

Contents of ADADBS CONTROL A1:

```
ADADBS REFRESH FILE=1
```

VSE

File	File Name	Storage	Logical Unit	More Information
Associator	ASSORn	disk	*	Required for OPERCOM DDIB or RESETDIB functions with inactive nucleus
ADARUN parameters	- CARD CARD	reader tape disk	SYSRDR SYS000 *	
ADADBS parameters	-	reader	SYSIPT	*Utilities*
ADARUN messages	-	printer	SYSLST	*Messages and Codes*
ADADBS messages	-	printer	SYS009	*Messages and Codes*

* Any programmer logical unit may be used.

ADADBS JCS Example (VSE)

See Library and File Procedures for VSE Examples for a description of the VSE procedures.

Refer to member ADADBS.X in the JOBS data set for this example.

```
* $$ JOB JNM=ADADBS,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
*        DATABASE SERVICES (BATCH)
// JOB ADADBS
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADADBS,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADADBS REFRESH FILE=1
/*
/&
* $$ EOJ
```