JCL/JCS Requirements and Examples

This section describes the job control information required to run ADAICK 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 ADAICK execution, the ADARUN CDXnn parameter must be specified for the utility run.

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

ADARUN CDX*nn***=** *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	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	SYSDTA/ DDCARD		*Operations*
ADAICK parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT DDPRINT		*Messages and Codes*
ADAICK messages	SYSLST DDDRUCK		*Messages and Codes*

ADAICK JCL Example (BS2000)

In SDF Format:

```
/.ADAICK LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK *A D A I C K  INDEX CHECK
/REMARK *
/REMARK *
/ASS-SYSLST L.ICK.DATA
/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=ADAICK,DB=yyyyy,IDTNAME=ADABAS5B
ADAICK ICHECK FILE=27
/LOGOFF SYS-OUTPUT=DEL
```

In ISP Format:

```
/.ADAICK LOGON
/OPTION MSG=FH,DUMP=YES
/REMARK *
/REMARK *A D A I C K  INDEX CHECK
/REMARK *
/REMARK *
/SYSFILE SYSLST=L.ICK.DATA
/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=ADAICK,DB=yyyyy,IDTNAME=ADABAS5B
ADAICK ICHECK FILE=27
/LOGOFF NOSPOOL
```

z/OS

Data Set	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	DDCARD	reader	*Operations*
ADAICK parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	*Messages and Codes*
ADAICK messages	DDDRUCK	printer	*Messages and Codes*

ADAICK JCL Example (z/OS)

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

```
//ADAICK    JOB
//*
//*   ADAICK:
//*       INDEX AND ADDRESS CONVERTER CHECK
//*
//ICK       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=ADAICK,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE   DD   *
ADAICK ICHECK FILE=1-3
/*
```

z/VM

Data Set	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	DDCARD	disk/ terminal/ reader	*Operations*
ADAICK parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	*Messages and Codes*
ADAICK messages	DDDRUCK	disk/ terminal/ printer	*Messages and Codes*

ADAICK JCL Example (z/VM)

```
DATADEF DDASSOR1,DSN=ADABASVv.ASSO,VOL=ASSOV1
DATADEF DDDATAR1,DSN=ADABASVv.DATA,VOL=DATAV1
DATADEF DDPRINT,DSN=ADAICK.DDPRINT,MODE=A
DATADEF DUMP,DUMMY
DATADEF DDDRUCK,DSN=ADAICK.DDDRUCK,MODE=A
DATADEF DDCARD,DSN=RUNICK.CONTROL,MODE=A
DATADEF DDKARTE,DSN=ADAICK.CONTROL,MODE=A
ADARUN
```

Contents of RUNICK CONTROL A1:

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

Contents of ADAICK CONTROL A1:

```
ADAICK ICHECK FILE=27
```

VSE

File	Symbolic Name	Storage	Logical Unit	More Information
Associator	ASSORn	disk	*	
Data Storage	DATARn	disk	*	
ADARUN parameters	- CARD CARD	reader tape disk	SYSRDR SYS000 *	
ADAICK parameters		reader	SYSIPT	
ADARUN messages		printer	SYSLST	Messages and Codes
ADAICK messages		printer	SYS009	Messages and Codes

Any programmer logical unit may be used.

ADAICK JCS Example (VSE)

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

Refer to member ADAICK.X for this example.

```
* $$ JOB JNM=ADAICK,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADAICK
*        INDEX AND ADDRESS CONVERTER CHECK
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAICK,MODE=SINGLE,SVC=xxx,DEVICE=dddd,DBID=yyyyy
```

```
/*
ADAICK ICHECK FILE=1-3
/*
/&
* $$ EOJ
```