JCL/JCS Requirements and Examples

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

This chapter covers the following topics:

- BS2000

- z/OS

- z/VM

- VSE

BS2000

Data Set	Link Name	Storage	More Information
Associator	DDASSOR*n* or DDASSO*nn*	disk	
Data Storage	DDDATAR*n* or DDDATA*nn*	disk	
ADARUN parameters	SYSDTA/ DDCARD		*Operations*
ADADCK parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT DDPRINT		*Messages and Codes*
ADADCK messages	SYSLST DDDRUCK		*Messages and Codes*

ADADCK JCL Example (BS2000)

In SDF Format:

```
/.ADADCK LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK *A D A D C K DATA STORAGE CHECK
/REMARK *
/REMARK *
/ASS-SYSLST L.DCK.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=ADADCK,DB=yyyyy,IDTNAME=ADABAS5B
ADADCK DSCHECK FILE=27
/LOGOFF SYS-OUTPUT=DEL
```

In ISP Format:

```
/.ADADCK LOGON
/OPTION MSG=FH,DUMP=YES
/REMARK *
/REMARK *A D A D C K DATA STORAGE CHECK
/REMARK *
/REMARK *
/SYSFILE SYSLST=L.DCK.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=ADADCK,DB=yyyyy,IDTNAME=ADABAS5B
ADADCK DSCHECK FILE=27
/LOGOFF NOSPOOL
```

z/OS

Data Set	DD Name	Storage	More Information
Associator	DDASSOR*n* or DDASSO*nn*	disk	
Data Storage	DDDATAR*n* or DDDATA*nn*	disk	
ADARUN parameters	DDCARD	reader	*Operations*
ADADCK parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	*Messages and Codes*
ADADCK messages	DDDRUCK	printer	*Messages and Codes*

ADADCK JCL Example (z/OS)

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

```
//ADADCK    JOB
//*
//*    ADADCK:
//*         DATA STORAGE CHECK
//*
//DCK       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=ADADCK,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE   DD   *
ADADCK DSCHECK FILE=27
/*
```

z/VM

Data Set	DD Name	Storage	More Information
Associator	DDASSOR*n* or DDASSO*nn*	disk	
Data Storage	DDDATAR*n* or DDDATA*nn*	disk	
ADARUN parameters	DDCARD	disk/ terminal/ reader	*Operations*
ADADCK parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	*Messages and Codes*
ADADCK messages	DDDRUCK	disk/ terminal/ printer	*Messages and Codes*

ADADCK JCL Example (z/VM)

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

Contents of RUNDCK CONTROL A1:

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

Contents of ADADCK CONTROL A1:

```
ADADCK DSCHECK FILE=27
```

VSE

File	Symbolic Name	Storage	Logical Unit	More Information
Associator	ASSOR*n* or ASSO*nn*	disk	*	
Data Storage	DATAR*n* or DATA*nn*	disk	*	
ADARUN parameters	- CARD CARD	reader tape disk	SYSRDR SYS000 *	
ADADCK parameters		reader	SYSIPT	
ADARUN messages		printer	SYSLST	*Messages and Codes*
ADADCK messages		printer	SYS009	*Messages and Codes*

* Any programmer logical unit may be used.

ADADCK JCS Example (VSE)

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

Refer to member ADADCK.X for this example.

```
* $$ JOB JNM=ADADCK,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADADCK
*        DATA STORAGE CHECK
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADADCK,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADADCK DSCHECK FILE=27
/*
/&
* $$ EOJ
```