

# JCL/JCS Requirements and Examples

This section describes the job control information required to run ADADCK with BS2000, OS/390 or z/OS, VM/ESA or z/VM, and VSE/ESA systems and shows examples of each of the job streams.

This chapter covers the following topics:

- BS2000
- OS/390 or z/OS
- VM/ESA or z/VM
- VSE/ESA

## BS2000

Dataset	Link Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	SYSDTA/ DDCARD		<i>Operations</i>
ADADCK parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT DDPRINT		<i>Messages and Codes</i>
ADADCK messages	SYSLST DDRUCK		<i>Messages and Codes</i>

## 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=FB,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

```

**OS/390 or z/OS**

Dataset	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	DDCARD	reader	<i>Operations</i>
ADADCK parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	<i>Messages and Codes</i>
ADADCK messages	DDDRUCK	printer	<i>Messages and Codes</i>

**ADADCK JCL Example (OS/390 or z/OS)**

Refer to ADADCK in the MVSJOBS dataset for this example.

```

//ADADCK JOB
//*
//* ADADCK:
//* DATA STORAGE CHECK
//*
//DCK EXEC PGM=ADARUN
//STEPLIB DD DISP=SHR,DSN=ADABAS.Vvrs.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
/*

```

## VM/ESA or z/VM

Dataset	DD Name	Storage	More Information
Associator	DDASSORn	disk	
Data Storage	DDDATARn	disk	
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Operations</i>
ADADCK parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Messages and Codes</i>
ADADCK messages	DDDRUCK	disk/ terminal/ printer	<i>Messages and Codes</i>

### ADADCK JCL Example (VM/ESA or 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/ESA

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

\* Any programmer logical unit may be used.

## ADADCK JCS Example (VSE/ESA)

See Procedures for VSE/ESA Examples for descriptions of the VSE/ESA 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
```