

JCL/JCS Requirements and Examples

This section describes the job control information required to run ADAMER 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
Input data	DDEBAND	tape/ disk	Output of ADACMP or ADAULD utility
ADARUN parameters	SYSDTA/ DDCARD		<i>Operations</i>
ADAMER parameters	SYSDTA/ DDKARTE		
ADARUN messages	SYSOUT/ DDPRINT		<i>Messages and Codes</i>
ADAMER messages/report	SYSLST/ DDDRUCK		<i>Messages and Codes</i>

ADAMER JCL Example (BS2000)

In SDF Format:

```

/ .ADALOD LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK * A D A M E R ALL FUNCTIONS
/REMARK *
/ASS-SYSLST L.MER
/ASS-SYSDTA *SYSCMD
/SET-FILE-LINK DDLIB,ADAvrs.MOD
/SET-FILE-LINK DDASSOR1,ADAYyyyy.ASSO,SHARE-UPD=YES
/SET-FILE-LINK DDEBAND,CMP.AUS
/START-PROGRAM *M(ADA.MOD,ADARUN),PR-MO=ANY
ADARUN PROG=ADAMER,DB=yyyyyy,IDTNAME=ADABAS5B
ADAMER ADAMDE=AA,DATASIZE=5200,BITRANGE=8,10,1
ADAMER MAXISN=10000
/LOGOFF SYS-OUTPUT=DEL

```

In ISP Format:

```

/.ADAMER LOGON
/OPTION MSG=FB,DUMP=YES
/REMARK *
/REMARK * A D A M E R ALL FUNCTIONS
/REMARK *
/SYSFILE SYSLST=L.MER
/FILE ADA.MOD,LINK=DDLIB
/FILE CMP.AUS,LINK=DDEBAND
/EXEC (ADARUN,ADA.MOD)

ADARUN PROG=ADAMER,DB=yyyyy,IDTNAME=ADABAS5B
ADAMER ADAMDE=AA,DATASIZE=5200,BITRANGE=8,10,1
ADAMER MAXISN=10000
/LOGOFF NOSPOOL

```

OS/390 or z/OS

Dataset	DD Name	Storage	More Information
Input data	DDEBAND	tape/ disk	Output of ADACMP or ADAULDutility
ADARUN parameters	DDCARD	reader	<i>Operations</i>
ADAMER parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	<i>Messages and Codes</i>
ADAMER messages/report	DDDRUCK	printer	<i>Messages and Codes</i>

ADAMER JCL Example (OS/390 or z/OS)

Refer to ADAMER in the MVSJOBS dataset for this example.

```

//ADAMER JOB
//*
//* ADAMER:
//* ADAM ESTIMATION
//*
//MER EXEC PGM=ADARUN
//STEPLIB DD DISP=SHR,DSN=ADABAS.Vvrs.LOAD <=== ADABAS LOAD
//*
//DDEBAND DD DISP=OLD,DSN=EXAMPLE.DByyyyy.COMPR1 <=== COMPRESS
DATA
//DDDRUCK DD SYSOUT=X
//DDPRINT DD SYSOUT=X
//SYSUDUMP DD SYSOUT=X
//DDCARD DD *
ADARUN PROG=ADAMER,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE DD *
ADAMER MAXISN=1000,ADAMDE=AA,BITRANGE=0,2,4
ADAMER DATADEV=eeee,DATAPFAC=10,DATASIZE=100,175,25
/*

```

VM/ESA or z/VM

Dataset	DD Name	Storage	More Information
Input data	DDEBAND	tape/ disk	Output of ADACMP or ADAULD utility
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Operations</i>
ADAMER parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/terminal/printer	<i>Messages and Codes</i>
ADAMER messages/report	DDDRUCK	disk/terminal/printer	<i>Messages and Codes</i>

ADAMER JCL Example (VM/ESA or z/VM)

```

DATADEF DDEBAND , DSN=ADABASVv . BAND , MODE=A
DATADEF DDPRINT , DSN=ADAMER . DDPRINT , MODE=A
DATADEF DUMP , DUMMY
DATADEF DDDRUCK , DSN=ADAMER . DDDRUCK , MODE=A
DATADEF DDCARD , DSN=RUNMER . CONTROL , MODE=A
DATADEF DDKARTE , DSN=ADAMER . CONTROL , MODE=A
ADARUN

```

Contents of RUNMER CONTROL A1:

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

Contents of ADAMER CONTROL A1:

```
ADAMER ADAMDE=AA , DATASIZE=5200 , BITRANGE=8 , 10 , 1 ADAMERMAXISN=10000
```

VSE/ESA

File	Sym. Name	Storage	Logical Unit	More Information
Input data	EBAND	tape disk	SYS010 *	Output of ADACMP or ADAULD utility
ADARUN parameters	- CARD CARD	reader tape disk	SYSRDR SYS000 *	<i>Operations</i>
ADAMER parameters	-	reader	SYSIPT	
ADARUN messages	-	printer	SYSLST	<i>Messages and Codes</i>
ADAMER messages/report	-	printer	SYS009	<i>Messages and Codes</i>

* Any programmer logical unit may be used.

ADAMER JCS Example (VSE/ESA)

See Procedures for VSE/ESA Examples for a description of the VSE/ESA procedures (PROCs). Refer to member ADAMER.X for this example.

```
* $$ JOB JNM=ADAMER,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADAMER
// OPTION LOG,PARTDUMP
*      ADAM ESTIMATION
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// DLBL EBAND,'EXAMPLE.DByyyyy.COMPR1',0,SD
// EXTENT SYS004
// ASSGN SYS004,DISK,VOL=DISK01,SHR
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAMER,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADAMER MAXISN=1000,ADAMDE=AA,BITRANGE=0,2,4
ADAMER DATADEV=eeee,DATA PFAC=10,DATASIZE=100,175,25
/*
/&
* $$ EOJ
```