

JCL/JCS Requirements and Examples

This section describes the job control information required to run ADAPRI 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
Data set containing blocks to print	DDASSORn DDDATARn DDWORKR1 DDWORKR4 DDTEMPR1 DDSORTRn DDCLOGRn DDPLOGRn DDDSIMR1	disk disk disk disk disk disk disk disk disk	Associator Data Storage* Work* Temp Sort Multiple command log Multiple protection log DSIM data set
Recovery log (RLOG)	DDRLOGR1	disk	Required when using ADARAI.
ADARUN parameters	SYSDTA/ DDCARD	reader	<i>Operations</i>
ADAPRI parameters	SYSIPT/ DDKARTE	reader	
ADARUN messages	SYSOUT	printer	<i>Messages and Codes</i>
ADAPRI messages	SYSLST	printer	<i>Messages and Codes</i>

* When printing blocks from Data Storage or Work, the link name for the Associator must also be present.

ADAPRI JCL Example (BS2000)

In SDF Format:

```

/.ADAPRI LOGON
/MODIFY-TEST-OPTIONS DUMP=YES
/REMARK *
/REMARK * A D A P R I ALL FUNCTIONS
/REMARK *
/ASS-SYSLST L.PRI
/ASS-SYSDTA *SYSCMD
/SET-FILE-LINK DDLIB,ADAvrs.MOD

```

```

/SET-FILE-LINK DDASSOR1,ADAYyyyyy.ASSO,SHARE-UPD=YES
/SET-FILE-LINK DDDATAR1,ADAYyyyyy.DATA,SHARE-UPD=YES
/START-PROGRAM *M(ADA.MOD,ADARUN),PR-MO=ANY
ADARUN PROG=ADAPRI,DB=yyyyyy,IDTNAME=ADABAS5B
ADAPRI DATAPRI FROMRABN=27,TORABN=34
/LOGOFF SYS-OUTPUT=DEL
    
```

In ISP Format:

```

/.ADAPRI LOGON
/OPTION MSG=FB,DUMP=YES
/REMARK *
/REMARK * A D A P R I ALL FUNCTIONS
/REMARK *
/SYSFILE SYSLST=L.PRI
/FILE ADA.MOD,LINK=DDLIB
/FILE ADAYyyyyy.ASSO,LINK=DDASSOR1,SHARUPD=YES
/FILE ADAYyyyyy.DATA,LINK=DDDATAR1,SHARUPD=YES
/EXEC (ADARUN,ADA.MOD)
ADARUN PROG=ADAPRI,DB=yyyyyy,IDTNAME=ADABAS5B
ADAPRI DATAPRI FROMRABN=27,TORABN=34
/LOGOFF NOSPOOL
    
```

z/OS

Data Set	DD Name	Storage	More Information
Data set containing the blocks print	DDASSORn DDDATARn DDWORKR1 DDWORKR4 DDTEMPR1 DDSORTR1 DDCLOGRn DDPLOGRn DDDSIMR1	disk disk disk disk disk disk disk disk disk	Associator Data Storage* Work* Temp Sort Multiple command log Multiple protection log DSIM data set
Recovery log (RLOG)	DDRLOGR1	disk	Required when using ADARAI.
ADARUN parameters	DDCARD	reader	<i>Operations</i>
ADAPRI parameters	DDKARTE	reader	
ADARUN messages	DDPRINT	printer	<i>Messages and Codes</i>
ADAPRI messages	DDDRUCK	printer	<i>Messages and Codes</i>

* When printing blocks from Data Storage or Work, the DD statement for the Associator must also be present.

ADAPRI JCL Example (z/OS)

```

//ADAPRI JOB
//*
//* ADAPRI:
//* MAINTENANCE PRINT
//*
    
```

```
//PRI          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
//DDTEMPR1   DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.TEMPR1 <=== TEMP
//DDSORTR1   DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.SORTR1 <=== SORT
//DDPLOGR1   DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.PLOGR1 <=== PLOG 1
//DDPLOGR2   DD   DISP=SHR,DSN=EXAMPLE.DByyyyy.PLOGR2 <=== PLOG 2
//DDDRUCK    DD   SYSOUT=X
//DDPRINT    DD   SYSOUT=X
//SYSUDUMP   DD   SYSOUT=X
//DDCARD     DD   *
ADARUN PROG=ADAPRI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
//DDKARTE    DD   *
ADAPRI ASSOPRI DEVICE=eeee,FROMRABN=1,TORABN=1
/*
```

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

z/VM

Data Set	DD Name	Storage	More Information
Data set containing the blocks to print	DDASSORn DDDATARn DDWORKR1 DDWORKR4 DDTEMPR1 DDSORTR1 DDCLOGRn DDPLOGRn DDDSIMR1	disk disk disk disk disk disk disk disk disk	Associator Data Storage* Work* Temp Sort Multiple command log Multiple protection log DSIM data set
Recovery log (RLOG)	DDRLOGR1	disk	Required when using ADARAI.
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Operations</i>
ADAPRI parameters	DDKARTE	disk/ terminal/ reader	
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Messages and Codes</i>
ADAPRI messages	DDDRUCK	disk/ terminal/ printer	<i>Messages and Codes</i>

* When printing blocks from Data Storage or Work, the DD statement for the Associator must also be present.

ADAPRI Example (z/VM)

```
DATADEF DDASSOR1,DSN=ADABASv.v.ASSO,VOL=ASSOV1
DATADEF DDDATAR1,DSN=ADABASv.v.DATA,VOL=DATAV1
DATADEF DDPRINT,DSN=ADAPRI.DDPRINT,MODE=A
DATADEF DUMP,DUMMY
```

```
DATADEF DDDRUCK,DSN=ADAPRI.DDDRUCK,MODE=A
DATADEF DDCARD,DSN=RUNPRI.CONTROL,MODE=A
DATADEF DDKARTE,DSN=ADAPRI.CONTROL,MODE=A
ADARUN
```

Contents of RUNPRI CONTROL A1:

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

Contents of ADAPRI CONTROL A1:

```
ADAPRI DATAPRI FROMRABN=27,TORABN=34
```

VSE

File	Symbolic Name	Storage	More Information
Files containing the blocks to be printed	ASSORn DATARn WORKR1 TEMPR1 SORTR1 CLOGRn PLOGRn SIMR1	disk disk disk disk disk disk disk disk	Associator Data Storage* Work* Temp Sort Multiple command log Multiple protection log DSIM data set
Recovery log (RLOG)	RLOGR1	disk	Required when using ADARAI
ADARUN messages	SYSLST	printer	<i>Messages and Codes</i>
ADAPRI messages	SYS009	printer	<i>Messages and Codes</i>
ADARUN parameters	SYSRDR CARD	reader tape/ disk	<i>Operations</i>
ADAPRI parameters	SYSIPT	reader	

* When printing blocks from Data Storage or Work, the JCS statement for the Associator must also be present.

ADAPRI JCS Example (VSE)

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

```
* $$ JOB JNM=ADAPRI,CLASS=A,DISP=D
* $$ LST CLASS=A,DISP=D
// JOB ADAPRI
*      MAINTENANCE PRINT
// EXEC PROC=ADAVvLIB
// EXEC PROC=ADAVvFIL
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAPRI,MODE=MULTI,SVC=xxx,DEVICE=dddd,DBID=yyyyy
/*
ADAPRI ASSOPRI DEVICE=eeee,FROMRABN=1,TORABN=1
/*
/&
* $$ EOJ
```

Refer to member ADAPRI.X for this example.