

ADAULD JCL/JCS Requirements and Examples

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

This chapter covers the following topics:

- BS2000/OSD
- z/OS
- z/VM
- VSE/ESA and z/VSE

BS2000/OSD

Dataset	Link Name	Storage	More Information
Unloaded data	DDOUT1	tape/disk	Output by ADAULD (see note)
Unloaded data	DDOUT2	tape/disk	Output by ADAULD (see note)
Unloaded ISNs	DDISN	tape/disk	Required with DDISN
Full save tape	DDFULL	tape/disk	Required for full save tapes
Delta save tape(s)	DDDEL1 - DDDEL8	tape/disk	Required for delta save tape(s)
Delta Save images	DDDSIMR1	disk	Required for DSIM dataset
Recovery log (RLOG)	DDRLOGR1	disk	Required for ADARAI
ADARUN parameters	SYSDTA/DDCARD		<i>Adabas Operations</i>
ADAULD parameters	SYSDTA/DDKARTE		
ADARUN messages	SYSOUT/DDPRINT		<i>Adabas Messages and Codes</i>
ADAULD messages	SYSLST/DDDRUCK		<i>Adabas Messages and Codes</i>

Note:

DDOUT1 and DDOUT2 must have the same block size; otherwise, an ADAULD error will occur. DDOUT2 is required only if NUMOUT=2 is specified.

BS2000/OSD Examples

```
/.ADAULD LOGON
```

```
/OPTION MSG=FH,DUMP=YES
```

```
/REMARK *
```

```
/REMARK *      A D A U L D      SAVETAPE FUNCTION
```

```

/REMARK *

/SYSFILE SYSLST=L.ULD

/FILE    ADA.MOD      , LINK=DDLIB

/FILE    ADA99.OUT1    , LINK=DDOUT1 , SPACE=(480,48)

/FILE    ADA99.FULL    , LINK=DDFULL

/FILE    ADA99.DEL1    , LINK=DDDEL1

/FILE    ADA99.DEL2    , LINK=DDDEL2

/EXEC (ADARUN,ADA.MOD)

ADARUN  PROG=ADAULD,DB=99,DSF=YES

ADAULD  FILE=1,SAVETAPE,PATTERN=FDD

/LOGOFF NOSPOOL

```

z/OS

Dataset	DD Name	Storage	More Information
Unloaded data	DDOUT1	tape/disk	Output by ADAULD (see note)
Unloaded data	DDOUT2	tape/disk	Output by ADAULD (see note)
Unloaded ISNs	DDISN	tape/disk	Required with DDISN
Full save tape	DDFULL	tape/disk	Required for full save tape
Delta save tape(s)	DDDEL1- DDDEL8	tape/disk	Required for delta save tape(s)
Delta Save images	DDDSIMR1	disk	Required for DSIM dataset
Recovery log (RLOG)	DDRLOGR1	disk	Required for ADARAI
ADAULD messages	DDDRUCK	printer	<i>Adabas Messages and Codes</i>
ADARUN messages	DDPRINT	printer	<i>Adabas Messages and Codes</i>
ADARUN parameters	DDCARD	reader	<i>Adabas Operations</i>
ADAULD parameters	DDKARTE	reader	

Note:

DDOUT1 and DDOUT2 must have the same block size; otherwise, an ADAULD error will occur. DDOUT2 is required only if NUMOUT=2 is specified.

z/OS Example

```
//ULD          EXEC  PGM=ADARUN

//STEPLIB      DD    DISP=SHR,DSN=ADABAS.Vvrs.LOADLIB

//*

//DDOUT1       DD    DISP=(,KEEP),DSN=EXAMPLE.ADA99.OUT1,
//              UNIT=SYSDA,VOL=SER=DISK01,SPACE=(TRK,200,RLSE)

//DDFULL       DD    DISP=SHR,DSN=EXAMPLE.ADA99.FULLSAVE

//DDDEL1       DD    DISP=SHR,DSN=EXAMPLE.ADA99.DELTA1

//DDDEL2       DD    DISP=SHR,DSN=EXAMPLE.ADA99.DELTA2

//SYSUDUMP     DD    SYSOUT=A

//DDDRUCK      DD    SYSOUT=A

//DDPRINT      DD    SYSOUT=A

//DDCARD       DD    *

ADARUN  PROG=ADAULD,SVC=249,DEVICE=3390,DB=99,DSF=YES

//DDKARTE      DD    *

ADAULD  FILE=1,SAVETAPE,PATTERN=FDD
```

z/VM

Dataset	DD Name	Storage	More Information
Unloaded data	DDOUT1	tape/disk	Output by ADAULD (see note)
Unloaded data	DDOUT2	tape/disk	Output by ADAULD (see note)
Unloaded ISNs	DDISN	tape/disk	Required with DDISN
Full save tape	DDFULL	tape/disk	Required for full save tape
Delta save tape(s)	DDDEL1- DDDEL8	tape/disk	Required for delta save tape(s)
Delta Save images	DDDSIMR1	disk	Required for DSIM dataset
Recovery log (RLOG)	DDRLOGR1	disk	Required for ADARAI
ADAULD messages	DDDRUCK	disk/ terminal/ printer	<i>Adabas Messages and Codes</i>
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Adabas Messages and Codes</i>
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Adabas Operations</i>
ADAULD parameters	SYSIPT	disk/ terminal/ reader	

Note:

DDOUT1 and DDOUT2 must have the same block size; otherwise, an ADAULD error will occur.
DDOUT2 is required only if NUMOUT=2 is specified.

z/VM Example

```
DATADEF DDOUT1, DSN=ADABASVv.ULD1, UNIT=181, VOL=ULDF1
```

```
DATADEF DDFULL, DSN=ADABASVv.ULD1, UNIT=181, VOL=ULDF1
```

```
DATADEF DDDEL1, DSN=ADABASVv.ULD1, UNIT=181, VOL=ULDF1
```

```
DATADEF DDDEL2, DSN=ADABASVv.ULD1, UNIT=181, VOL=ULDF1
```

```
DATADEF DDPRINT, DSN=ADAULD.DDPRINT, MODE=A
```

```
DATADEF DUMP, DUMMY
```

```
DATADEF DDDRUCK, DSN=ADAULD.DDDRUCK, MODE=A
```

```
DATADEF DDCARD, DSN=RUNULD.CONTROL, MODE=A
```

```
DATADEF DDKARTE, DSN=ADAULD.CONTROL, MODE=A
```

```
ADARUN
```

Contents of RUNULD CONTROL A1:

ADARUN PROG=ADAULD, DEVICE=3390, DB=111, DSF=YES

Contents of ADAULD CONTROL A1 *

ADAULD FILE=1, SAVETAPE, PATTERN=FDD

VSE/ESA and z/VSE

File	Symbolic Name	Storage	Logical Unit	More Information
Unloaded data	OUT1	tape disk	SYS010 see note 1	Output by ADAULD (see note 2)
Unloaded data	OUT2	tape disk	SYS011 see note 1	Output by ADAULD (see note 2)
Unloaded ISNs	ISN	tape disk	SYS012 see note 1	Required with DDISN
Full save tape	FULL	tape disk	SYS030 see note 1	Required for full save tape
Delta save tape(s)	DEL1- DEL8	tape disk	SYS031- SYS038 see note 1	Required for delta save tape(s)
Delta Save images	DSIMR1	disk	see note 1	Required for DSIM dataset
Recovery log (RLOG)	RLOGR1	disk	see note 1	Required for ADARAI
Messages	SYSLST	printer		<i>Adabas Messages and Codes</i>
ADARUN parameters	SYSRDR CARD	reader/ tape/disk		<i>Adabas Operations</i>
ADAULD parameters	SYSIPT	reader		

Notes:

1. Any programmer logical unit can be used.
2. OUT1 and OUT2 must have the same block size; otherwise, an ADAULD error will occur. OUT2 is required only if NUMOUT=2 is specified.

VSE/ESA and z/VSE Example

See the VSE/ESA-related job information in section Adabas Utility Functions for Delta Save.

```
// EXEC PROC=ADAVvFIL
// EXEC PROC=ADAVvLIB
// ASSGN SYS004,DISK,VOL=DISK01,SHR
// DLBL OUT1,'EXAMPLE.ADA99.OUT1'
// EXTENT SYS004,DISK01,,,770,200
// ASSGN SYS030,TAPE
// TLBL FULL,'EXAMPLE.ADA199.FULL'
// ASSGN SYS031,TAPE
// TLBL DEL1,'EXAMPLE.ADA99.DEL1'
// ASSGN SYS032,TAPE
// TLBL DEL2,'EXAMPLE.ADA99.DEL2'
// EXEC PROC=ADAVLIBS
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAULD,SVC=xxx,DEVICE=dddd,DB=yyyy,DSF=YES
/*
ADAULD FILE=1,SAVETAPE,PATTERN=FDD
/*
```