

# ADAFRM JCL/JCS Requirements and Examples

This section describes the job control information required to run the Delta Save functions of ADAFRM 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

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## BS2000/OSD

Dataset	Link Name	Storage	More Information
Delta Save images (DSIM)	DDDSIMR1	disk	Required for DSIM... functions
ADAFRM parameters	SYSDTA/ DDKARTE		
ADARUN parameters	SYSDTA/ DDCARD		<i>Adabas Operations</i>
ADAFRM messages	SYSLST/ DDDRUCK		<i>Adabas Messages and Codes</i>
ADARUN messages	SYSOUT/ DDPRINT		<i>Adabas Messages and Codes</i>

### Format DSIM Dataset (ADAFRM DSIMFRM)

```

/ .FRM                LOGON

/ MOD-JOB-OPTIONS    LISTING=YES

/ MOD-TEST           DUMP=YES

/ ASS-SYSLST         DO . PRI . LST

/ ASS-SYSOUT         DO . PRI . OUT

/ SET-JOB-STEP

/ ASS-SYSDTA         *SYSCMD

/ SET-FILE-LINK      DDDSIMR1 , ADABAS.DB010.DSIM

, SUP=DISK ( SHARE-UPD=NO )

```

```

/SET-FILE-LINK      DDLIB      , ADABAS.MOD

/REMARK

/START-PROGRAM      FROM-FILE=*MOD(ADABAS.MOD,ADARUN)

ADARUN  PROG=ADAFRM, ...

ADAFRM DSIMFRM SIZE=20,...

/ASS-SYSLST         *PRIM

/ASS-SYSOUT         *PRIM

/ASS-SYSDTA         *PRIM

/LOGOFF             SYS-OUTPUT=DEL

```

## Reset DSIM Dataset (ADAFRM DSIMRESET)

```

/.RESET             LOGON

/MOD-JOB-OPTIONS   LISTING=YES

/MOD-TEST          DUMP=YES

/ASS-SYSLST        DO.PRI.LST

/ASS-SYSOUT        DO.PRI.OUT

/SET-JOB-STEP

/ASS-SYSDTA        *SYSCMD

/SET-FILE-LINK     DDDSIMR1, ADABAS.DB010.DSIM

,SUP=DISK(SHARE-UPD=NO)

/SET-FILE-LINK     DDLIB      , ADABAS.MOD

/REMARK

/START-PROGRAM      FROM-FILE=*MOD(ADABAS.MOD,ADARUN)

ADARUN  PROG=ADAFRM, ...

ADAFRM DSIMRESET FROMRABN=1,SIZE=1B

/ASS-SYSLST        *PRIM

/ASS-SYSOUT        *PRIM

/ASS-SYSDTA        *PRIM

/ASS-SYSIPT        *PRIM

/LOGOFF            SYS-OUTPUT=DEL

```

**z/OS**

<b>Dataset</b>	<b>DD Name</b>	<b>Storage</b>	<b>More Information</b>
Delta Save images (DSIM)	DDDSIMR1	disk	Required for DSIM... functions
ADAFRM parameters	DDKARTE		
ADARUN parameters	DDCARD		<i>Adabas Operations</i>
ADAFRM messages	DDDRUCK		<i>Adabas Messages and Codes</i>
ADARUN messages	DDPRINT		<i>Adabas Messages and Codes</i>

**Format DSIM Dataset (ADAFRM DSIMFRM)**

```
//FORMAT EXEC PGM=ADARUN

//DDDSIMR1 DD DSN=ADABAS.DB010.DSIMR1,DISP=(NEW,CATLG),

//          VOL=SER=... ,UNIT=... ,SPACE=(CYL,20)

//DDCARD DD *

ADARUN PROG=ADAFRM,...

//DDKARTE DD *

ADAFRM DSIMFRM SIZE=20,...

//DDPRINT DD SYSOUT=*

//DDDRUCK DD SYSOUT=*
```

**Reset DSIM Dataset (ADAFRM DSIMRESET)**

```
//FORMAT EXEC PGM=ADARUN

//DDDSIMR1 DD DSN=ADABAS.DB010.DSIMR1,DISP=OLD

//DDCARD DD *

ADARUN PROG=ADAFRM,...

//DDKARTE DD *

ADAFRM DSIMRESET FROMRABN=1,SIZE=1B

//DDPRINT DD SYSOUT=*

//DDDRUCK DD SYSOUT=*
```

**z/VM**

Dataset	DD Name	Storage	More Information
Delta Save images (DSIM)	DDDSIMR1	disk	Required for DSIM... functions
ADAFRM parameters	DDKARTE	disk/ terminal/ reader	
ADARUN parameters	DDCARD	disk/ terminal/ reader	<i>Adabas Operations</i>
ADAFRM messages	DDDRUCK	disk/ terminal/ printer	<i>Adabas Messages and Codes</i>
ADARUN messages	DDPRINT	disk/ terminal/ printer	<i>Adabas Messages and Codes</i>

## Format DSIM Dataset (ADAFRM DSIMFRM)

```
DATADEF DDDSIMR1 , DSN=ADABASVv . DSIM , VOL=DSIM
```

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

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

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

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

```
ADARUN
```

### Contents of RUNFRM CONTROL A1

```
ADARUN  PROG=ADAFRM, ...
```

### Contents of ADAFRM CONTROL A1

```
ADAFRM  DSIMFRM SIZE=20, ...
```

## Reset DSIM Dataset (ADAFRM DSIMRESET)

```
DATADEF DDDSIMR1 , DSN=ADABASVv . DSIM , VOL=DSIM
```

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

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

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

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

```
ADARUN
```

### Contents of RUNFRM CONTROL A1

```
ADARUN  PROG=ADAFRM, ...
```

## Contents of ADAFRM CONTROL A1

ADAFRM DSIMRESET FROMRABN=1,SIZE=1B

## VSE/ESA and z/VSE

Dataset	Symbolic	Storage	Logical Unit	More Information
Delta Save images (DSIM)	DSIMR1	disk		Required for DSIM... functions
ADAFRM parameters		reader	SYSIPT	
ADARUN parameters	CARD CARD	reader tape disk	SYSRDR SYS000 *	<i>Adabas Operations</i>
ADAFRM messages		printer	SYS009	<i>Adabas Messages and Codes</i>
ADARUN messages		printer	SYSLST	<i>Adabas Messages and Codes</i>

\* Any programmer logical unit can be used.

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

### Format DSIM Dataset (ADAFRM DSIMFRM)

```
// EXEC PROC=ADAVvFIL
// EXEC PROC=ADAVvLIB
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAFRM,...
/*
ADAFRM DSIMFRM SIZE=...
/*
```

### Reset DSIM Dataset (ADAFRM DSIMRESET)

```
// EXEC PROC=ADAVvFIL
// EXEC PROC=ADAVvLIB
// EXEC ADARUN,SIZE=ADARUN
ADARUN PROG=ADAFRM,...
/*
```

```
ADAFRM DSIMRESET FROMRABN=1,SIZE=1B
```

```
/*
```