

Preparing for the Installation

This chapter provides installation preparation information for Adabas Review under z/OS operating system environments.

For information regarding Software AG product compatibility with IBM platforms and any IBM requirements for Software AG products, please review the *Product Compatibility for IBM Platforms* web page.

Prerequisites for Adabas Review are described in *Software AG Product Support and Requirements*.

For information about using Software AG's System Maintenance Aid (SMA) for the installation process, refer to the *System Maintenance Aid Manual*.

This chapter covers the following topics:

- About the Adabas Review Installation Tape
 - Installation Overview
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About the Adabas Review Installation Tape

This section describes the contents of the Adabas Review installation tape and the space requirements for each data set. Sample JCL to accomplish the transfer is also included.

Refer to the *Software AG Product Delivery Report* for the volume serial number, density, media type, data set names, and data set sequence numbers for the SP level being installed.

- Copying the Tape Contents
- Installation Tape Description
- Size of Adabas Review (Local Mode Only)
- Space Requirements
- Source Library Members
- Jobs Library Members

Copying the Tape Contents

Copy the data sets from the supplied installation medium to your disk before you perform the individual installation procedure for each component to be installed.

The way you copy the data sets depends on the installation method and the medium used:

- If you use System Maintenance Aid (SMA), refer to the copy job instructions provided in the *System Maintenance Aid* documentation.

- If you are not using SMA and want to copy the data sets from CD-ROM, refer to the README.TXT file on the CD-ROM.
- If you are not using SMA and want to copy the data sets from tape, follow the instructions in this section.

This section explains how to copy all data sets from tape to disk.

- Step 1: Copy Data Set COPY.JOB from Tape to Disk
- Step 2: Modify hilev.COPY.JOB on Your Disk
- Step 3: Submit COPY.JOB

Step 1: Copy Data Set COPY.JOB from Tape to Disk

- Modify the following sample job according to your requirements:

```
//SAGTAPE JOB SAG,CLASS=1,MSGCLASS=X
//* -----
//COPY EXEC PGM=IEBGENER
//SYSUT1 DD DSN=COPY.JOB,
// DISP=(OLD,PASS),
// UNIT=(CASS,,DEFER),
// VOL=(,RETAIN,SER=tape-volser),
// LABEL=(2,SL)
//SYSUT2 DD DSN=hilev.COPY.JOB,
// DISP=(NEW,CATLG,DELETE),
// UNIT=3390,VOL=SER=disk-volser,
// SPACE=(TRK,(1,1),RLSE),
// DCB=*.SYSUT1
//SYSPRINT DD SYSOUT=*
//SYSIN DD DUMMY
//
```

where:

tape-volser is the VOLSER of the tape, for example: T12345,
hilev is a valid high-level qualifier, and
disk-volser is the VOLSER of the disk.

- Execute the job to copy the data set COPY.JOB to your disk.

Step 2: Modify hilev.COPY.JOB on Your Disk

- Modify *hilev.COPY.JOB* according to your requirements:

Set EXPDT to a valid expiration date, for example, 99365.

Set HILEV to a valid high-level qualifier, for example, USERLIB.

Set LOCATION to a storage location, for example, STORCLAS=ABC or
 UNIT=3390,VOL=SER=USR123.

Step 3: Submit COPY.JOB

- Execute *hi lev .COPY .JOB* to copy single, multiple, or all data sets to your disk.

Installation Tape Description

The Adabas Review installation tape contains the following data sets:

Data Set	Created Using...	DCB=	Description
REV _{vrs} .INPL	IEBGENER	(RECFM=VB,LRECL=4624,BLKSIZE=4628)	Adabas Review Natural objects.
REV _{vrs} .SYSF	IEBGENER	(RECFM=VB,LRECL=9996,BLKSIZE=1000)	Adabas Review repository file.
REV _{vrs} .SRCE	IEBCOPY	(RECFM=FB,LRECL=80,BLKSIZE=23440)	Adabas Review source modules and more installation jobs.
REV _{vrs} .JOBS	IEBCOPY	(RECFM=FB,LRECL=80,BLKSIZE=23440)	Adabas Review installation jobs.
REV _{vrs} .LOAD	IEBCOPY	(RECFM=U,BLKSIZE=6447)	Adabas Review load library.
REV _{vrs} .ZAPS	IEBCOPY	(RECFM=FB,LRECL=80,BLKSIZE=3120)	Zaps required for Adabas Review on this platform.

Size of Adabas Review (Local Mode Only)

The REGION parameter for the Adabas nucleus job step may need to be increased to accommodate Adabas Review. An increase of 1 megabyte is normal.

Space Requirements

The space requirements for each data set on the installation tape are given in the following table:

Data Set Type	Directory Blocks	Cylinders (3390)
INPL	---	8
SYSF	---	1
SOURCE	10	1
JOBS	10	1
LOAD	10	1

In addition, the alternate history file for Adabas Review and the CICS-dependent load library for CICS installations require additional space as follows:

Data Set Type	Directory Blocks	Cylinders (3390)
Alternate history file	---	2
CICS-dependent load library	5	1

Source Library Members

Source library members for Adabas Review are as follows:

Member	Description
CLEXRUBX	Part of LORECR macro used in REVUXDET
FILETAB	Part of LORECR macro used in REVUXDET
LORECR	Macro of LORECR used in REVUXDET
REVCOST	Sample Adabas Review parameters used to produce an Adabas cost accounting report
REVUEX1	Sample user exit 1 (User field exit) program
REVUEX5	Sample user exit 5 program
REVUXDET	Sample detail report user exit for writing SMF records
REVUXLOG	Sample Assembler source code for an Adabas Review command logging user exit
REVUXSUM	Sample summary report user exit
RVUAUT1	Sample startup parameters for Adabas Review
RVUAUT2	Sample startup parameters for Adabas Review
RVUCARD	Sample parameters for running a batch job
RVUEXI	Sample operating environment control parameters for Adabas Review
RVUPARM	Internal use only
RVUFLD	Sample parameters for user-defined fields
SUMRECD	DSECT for the summary record layout data portion
SUMRECH	DSECT for the summary record layout header portion
SUMRECS	DSECT for the summary record layout schema portion
UEX5PARAM	Macro used in REVUEX5
ZAPOPT	Contains optional zaps for installing Adabas Review

Jobs Library Members

Jobs library members for Adabas Review are as follows:

Member	Description
AREVUEX1	Sample job for assembling the REVUEX1 (User field exit)
BATCHRPT	Sample job to create batch reports with online administration tool SYSREVDB.
EXPAND3	Sample job to upgrade an Adabas Review version 4.4 (or 4.3) repository to an Adabas Review version 4.5 SP1 repository.
EXPAND4	Sample job to upgrade an Adabas Review version 4.5 SP1 repository to an Adabas Review version 4.5 SP2 repository.
EXPAND5	Sample JCS to upgrade an Adabas Review version 4.5 SP2 repository to an Adabas Review version 4.6 SP1 repository.
HISTCOMP	Sample job to compress history data from a batch Natural execution.
HISTDEL	Sample job to delete history data from a batch Natural execution.
HISTVIEW	Sample job to view history data from a batch Natural execution.
HUBJCL	Sample job to start the Adabas Review hub (not used in local mode).
LREVLICIC	For CICS installations; sample job used to link the Adabas Review link routine exit with the CICS Adabas command-level link routine; used when reporting in CICS.
LREVLCO	For Com-plete installations; sample job used to link the Adabas Review link routine exit with the Com-plete Adabas link routine; used when reporting in Com-plete.
LREVLNI	For IMS installations; sample job used to link the Adabas Review link routine exit with the IMS Adabas link routine; used when reporting in IMS.
LREVLNK/ LREVLKNR	For TSO installations; sample jobs used to link the Adabas Review link routine exit with the TSO/batch Adabas link routine (reentrant link routine) ; used when reporting in TSO or batch jobs.
LREVUEX1	Sample job for binding the ADALNK REVEXIT modules (RDBLX _{sys}) together with the user exit REVUEX1 (User field exit).
MAKEALT	Sample JCL to create the RVUALT data set.
REVCLCOP	Sample JCL to copy and set end-of-file for a sequential command log created by Adabas Review.

Member	Description
REVIEWB	Sample JCL to process a sequential command log by the batch component of Adabas Review.
REVINPL	Sample job used to INPL the Adabas Review programs and DDMs from the INPL data set to the Natural system files.
REVL0AD	Sample job used to load the Adabas Review repository file.

Installation Overview

Adabas Review is installed in two phases:

1. Phase 1: Install non-TP-specific components. All steps in this phase are identical regardless of the TP monitor in use:
 - Install Adabas Review under Natural;
 - Install the Adabas Review repository;
 - Install Adabas Review under Adabas;
 - Install the Adabas Review hub (hub mode only);
 - Optional installation procedures.
2. Phase 2: Install TP-specific components. Separate procedures are used to install Adabas Review under each of the supported TP monitors: Com-plete; CICS; TSO or TSS; and IMS/DC.

Phase one procedures are described in *Installation: Phase 1*; phase two procedures in *Installation: Phase 2*.

Before you install the product, be sure you have read the *Release Notes*, paying special attention to the supported platform list, the description of Software AG product support, enhancements, restrictions, and any migration considerations pertinent for this release of Adabas Review.