Adabas Vista

Adabas Vista Installation

Version 7.4.2

September 2009

This document applies to Adabas Vista Version 7.4.2 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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1 Adabas Vista Installation

This document describes how to install Adabas Vista.

The Adabas Vista installation jobs can either be taken from the job library on the Adabas Vista installation tape and manually customized, or can be generated using the Software AG System Maintenance Aid (SMA).

In either case, the relevant job numbers (prefixed by the Adabas Vista product code AVI) are the same and are referenced at the appropriate step of the installation procedure.

For information about using SMA, refer to the *System Maintenance Aid* documentation.

- **Installation Prerequisites**
- **Before You Install**
- **Installation Procedures**
- **Verifying the Installation**

2 Installation Prerequisites

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- Software Prerequisites 4

Operating Systems

Adabas Vista version 7.4 can be used with the following operating systems:

- OS/390 version 2, release 10
- z/OS version 1, releases 1-4
- z/OS.e, releases 3-4 *
- VSE/ESA version 2, releases 5, 6, and 7
- z/VM versions 4.2, 4.3, and 4.4
- BS2000 OSD 2.0 and above

* Support for z/OS.e is currently restricted to client programs executing in batch, or under TSO or Com-plete.

For more information about supported operating systems, refer to the *Adabas Installation* documentation.

Adabas Vista version 7.4 requires:

- Adabas System Coordinator version 7.4 or above (formerly System Coordinator for Adabas Options).

The Adabas Vista online services application requires Natural version 3.1 or above.

Software Prerequisites

Adabas Vista version 7.4.2 can be used with:

- Adabas version 7.1.3 or above

  

  Note: The minimum requirement for Adabas version 7.4 is Adabas version 7.4.2.

  - Adabas Vista implements its own use of the Adabas Prefetch and Multifetch functions. Refer to the Read-Ahead parameters for more information.
  - Some Adabas parameters may need to be tuned for use with Adabas Vista. See section Using Adabas Parameters for more information.
  - Adabas Vista does not support the following features of Adabas:
    - partitioned or translation file access using triggers and stored procedures
    - single-user mode

  - TCP/IP interface
- Adabas Online System version 7.1 or above
- Adabas Fastpath version 7.4.2 (only)
  - Normal optimization techniques apply. Set parameters to optimize individual partitions.
- Adabas Support for Multiprocessing (SMP) version 7.1
- Adabas Cluster Services version 7.2.2
- Com-plete (all supported versions)
  - Adabas Vista does not support multiple Adabas SVCs under Com-plete.

3 Before You Install

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This section describes actions which must be taken prior to performing Adabas Vista installation.

Adabas System Coordinator and TP Library Names

Before you start to install Adabas Vista, you must:

- have already installed the Adabas System Coordinator. Adabas Vista uses the configuration file which is maintained by the Adabas System Coordinator.
- identify the TP system library names.

Configuration File Conversion

The layout for translation rules and partition definitions has changed for Adabas Vista version 7.4.2. These changes are described in the Adabas Vista 7.4.2 Release Notes, section New Features.

There is a conversion program supplied in library SYSMV741 which copies old (version 7.3 and prior) translation rules and partition definitions and replaces them in the new (version 7.4.2) layout. You will need a default destination for all the existing rules and definitions. This will be automatically defined, if not otherwise specified.

Adabas Vista Online Services (SYSAVI) will detect automatically if a configuration file has not already been converted and will prompt you to run the conversion.

Configuration File Availability

Adabas Vista operates correctly only if the configuration file is continuously available while the client is active. Operational procedures are necessary to ensure that the database where the configuration file resides is active

- before any application opens to clients; and
- before any TP initialization processing that involves pseudo- or real database communication.

The configuration file must be available for system and user initialization.

- System Initialization

- User Initialization

System Initialization

The job parameters needed for the current job become effective when the system initializes. These job parameters are defined using Adabas Vista Online Services.

If no job parameters are defined for the current job or the configuration file is not available, default parameters are used. For Adabas Vista version 7.4.2, the default job parameters have been enhanced to increase operational efficiency.

A console message with the prefix AVI-0014 is displayed when the defaults are in use.

If the configuration file is not available, a console message prefixed AVI-0015 is displayed before AVI-0014.

User Initialization

The presence of translation or partitioned files is determined when the user initializes.

If the configuration file is temporarily unavailable, the user is allowed to continue processing to minimize the impact, although Adabas Vista's partitioning and translation capabilities cannot be used until the configuration file becomes available and the user subsequently logs off and back on again.

A console message with the prefix AVI-0013 is displayed once when the configuration file becomes unavailable and again when it becomes available.

All database communication by a user that has been allowed to continue without the availability of the configuration file is routed unchanged to the source database and file number provided by the application. Because the results of these accesses may be unpredictable, it is recommended that you use virtual source database IDs for files that are to be defined as partitioned or translation files.

Mandatory Use of Unmodified ADALNK

It is imperative that the ADALNK module used by the Adabas nucleus and utilities does not contain Adabas Vista. Failure to follow these instructions can cause incorrect operation of Adabas Vista and other Software AG products.

Ensure that the ADALNK module with Adabas Vista support and the ADALNK used by the Adabas nucleus and utilities are placed in different libraries

4 Installation Procedure

This section describes the procedure for Adabas Vista installation:

- **OS/390, z/OS, and z/OS.e Installation**
- **VSE/ESA Installation**
- **z/VM Installation**
- **BS2000 Installation**

5 OS/390, z/OS, and z/OS.e Systems Installation

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The Installation Tape

Review the *Report of Tape Creation* that accompanies the release package before restoring the release data to disk. Information in this report supersedes the information in this documentation.

The installation tape contains the following datasets in the sequence indicated in the report:

Dataset	Contents
AVI*vrs*.LOAD	AVI load modules
AVI*vrs*.SRCE	AVI source modules
AVI*vrs*.INPL	SYSAVI objects
AVI*vrs*.ERRN	SYSAVI error messages

where *vrs* in dataset names represents the version, revision, and system maintenance level of the product.

Installation Checklist

The configuration file, configuration module, and client component of the Adabas System Coordinator must already be installed as indicated in the following checklist before any attempt is made to install Adabas Vista:

Step	Description
1	Load the Adabas System Coordinator configuration file
2	Build the Adabas System Coordinator configuration module CORCFG
3	Build the modified Adabas link module by including the Adabas System Coordinator client component

The installation of these components is described in detail in the *Adabas System Coordinator* documentation.

Once the required Adabas System Coordinator components have been installed, you can proceed to install Adabas Vista. The following checklist identifies the steps necessary to successfully complete the installation:

Step	Description
1	Restore the Adabas Vista libraries and other items from the installation tape
2	Prepare SYSAVI
3	Enable the client process
4	Enable the database process
5	Enable the Adabas System Coordinator daemon process

Installation Procedure

Following is the general Adabas Vista installation procedure. The actual installation depends on your particular requirements and the specific contents of the release package provided by Software AG for your site. Information in the release package is intended for your system. If that information differs from the information in this section, use the release package information or contact Software AG technical support for assistance.

Step 1. Restore the Adabas Vista libraries

Use IEBCOPY to unload the libraries. Modify the following variables to reflect the standards at your site:

Variable	Is the...
vrs	version, revision, and system maintenance level
tttttt	volume serial number of the installation tape
vvvvvv	volume serial number for the target disk

```
//AVILOAD  JOB  (site-dependent data)
//* ------------------------------------------------------------
//*---COPY THE LOAD LIBRARY
//* ------------------------------------------------------------
//LOADLIB EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//IN     DD DSN=AVIvrs.LOAD,DISP=OLD,
//       VOL=(,RETAIN,SER=tttttt),UNIT=TAPE,LABEL=(3,SL)
//OUT    DD DSN=SAG.AVIvrs.LOAD,DISP=(,CATLG,DELETE),
//       UNIT=SYSDA,VOL=SER=vvvvvv,SPACE=(CYL,(5,1,15),RLSE)
//SYSIN DD *
```

```
 COPY INDD=IN,OUTDD=OUT
/*
```

Step 2. Prepare SYSAVI

The SYSAVI objects needed to create the Adabas Vista Online Services demo version are delivered as part of the System Coordinator for Adabas Options installation tape.

Additional SYSAVI objects delivered on the Adabas Vista distribution tape enable full functionality.

1. INPL the objects provided on the Adabas Vista installation tape.

   Note: If you install the Adabas version 7.4 INPL again after installing the Natural INPL supplied on the Adabas Vista installation tape, you must re-apply the Adabas Vista INPL and any subsequent Adabas Vista INPL updates.

2. In a Natural Security environment, define the libraries SYSAVI (using MENU as the startup program name) and SYSMVvrs. Restrict the application to authorized personnel.
3. Use the following parameter to define the Natural session where SYSAVI is to be used:

   ```
   LFILE=(152,dbid,fnr<,passw><,ciph>)
   ```

   where *dbid* and *fnr* define the location of the System Coordinator configuration file.

   Alternatively, assemble the Natural parameter module with

   ```
   NTFILE,ID=152,DBID=dbid,FNR=fnr
   ```

4. Run the supplied Natural program U1JPARM
   - to initialize the Adabas Vista configuration file in version 7.3 mode, if this has not already been done; and also
   - to convert any existing job parameters.
5. Ensure that the supplied Natural program AVIMIG74 has been run. This runs automatically when you first enter SYSAVI version 7.4. This will
   - initialize the Adabas Vista configuration file in version 7.4 mode, and
   - convert any existing partition definitions and translation rules

Step 3. Enable the client process

To enable the Adabas Vista client process

1 for the Adabas System Coordinator:

- make the modified Adabas link module available (COMPLIB for Com-plete, DFHRPL for CICS, STEPLIB for all other client systems);
- make the generated configuration module CORCFG available (COMPLIB for Com-plete, STEPLIB for all other client systems); and
- make the Adabas System Coordinator load library available (COMPLIB for Com-plete, STEPLIB for all other client systems).

2 for Adabas Vista:

- make the Adabas Vista load library available (COMPLIB for Com-plete, STEPLIB for all other client systems).

Step 4. Enable the database process

To enable the Adabas Vista database process

1 for the Adabas System Coordinator:

- make the Adabas System Coordinator load library available (STEPLIB).

2 for Adabas Vista:

- set the Adabas parameter `ADARUN VISTA=YES`.

Step 5. Enable the Adabas System Coordinator daemon process

Note: This step is required only if you intend to run clustered applications with dynamic transaction routing across multiple operating system images in an IBM sysplex environment.

To enable the Adabas Vista System Coordinator daemon process

1 Add the control statement `PRODUCT=AVI` to the DDCARD input of the startup procedures for the Adabas System Coordinator daemon.

2 Make the Adabas Vista load library available to the Adabas System Coordinator daemon (STEPLIB).

6 VSE/ESA Systems Installation

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- Installation Checklist 20
- Installation Procedure 21

The Installation Tape

Review the *Report of Tape Creation* that accompanies the release package before restoring the release data to disk. Information in the report supersedes the information in this documentation.

The installation tape contains the following datasets in the sequence indicated in the report:

Dataset	Contents
AVI*vrs*.LIBR	AVI load modules
AVI*vrs*.INPL	SYSAVI objects
AVI*vrs*.ERR	SYSAVI error messages

where *vrs* in dataset names represents the version, revision, and system maintenance level of the product.

Installation Checklist

The configuration file, configuration module, and client component of the Adabas System Coordinator must already be installed as indicated in the following checklist before any attempt is made to install Adabas Vista:

Step	Description
1	Load the Adabas System Coordinator configuration file
2	Build the Adabas System Coordinator configuration module CORCFG
3	Build the modified Adabas link module by including the Adabas System Coordinator client component

The installation of these components is described in detail in the *Adabas System Coordinator* documentation.

Once the required components have been installed, you can proceed to install Adabas Vista. The following checklist identifies the steps necessary to successfully complete the installation:

Step	Description
1	Restore the Adabas Vista libraries and other items from the installation tape
2	Prepare SYSAVI
3	Enable the client process
4	Enable the database process
5	Enable the System Coordinator daemon process

Installation Procedure

Following is the general Adabas Vista installation procedure. The actual installation depends on your particular requirements and the specific contents of the release package provided by Software AG for your site. Information in the release package is intended for your system. If that information differs from the information in this section, use the release package information or contact Software AG technical support for assistance.

Step 1. Restore the Adabas Vista libraries

Use the following sample JCS to restore the Adabas Vista library. Modify the following variables to reflect the standards at your site:

Variable	Is the...
cuu	tape unit number
vrs	version, revision, and system maintenance level
tttttt	volume serial number of the installation tape
xx	file spacing information; see the *Report of Tape Creation*

```
* $$ JOB JNM=LIBREST,CLASS=O,DISP=D
* $$ LST CLASS=A,DISP=H
// JOB LIBREST
// ASSGN SYS006,cuu,VOL=tttttt
// ASSGN SYS005,IGN
// MTC REW,SYS006
// MTC FSF,SYS006,xx
// EXEC LIBR
  RESTORE S=SAGLIB.AVIvrs:SAGLIB.AVIvrs                    -
       TAPE=SYS006 TL=tttttt LIST=Y
/*
// MTC REW,SYS006
/&
* $$ EOJ
```

Step 2. Prepare SYSAVI

The SYSAVI objects needed to create the Adabas Vista Online Services demo version are delivered as part of the System Coordinator for Adabas Options installation tape.

Additional SYSAVI objects delivered on the Adabas Vista distribution tape enable full functionality.

1. INPL the objects provided on the Adabas Vista installation tape.

   Note: If you install the Adabas version 7.4 INPL again after installing the Natural INPL supplied on the Adabas Vista installation tape, you must re-apply the Adabas Vista INPL and any subsequent Adabas Vista INPL updates.

2. In a Natural Security environment, define the libraries SYSAVI (using MENU as the startup program name) and SYSMVvrs. Restrict the application to authorized personnel.
3. Use the following parameter to define the Natural session where SYSAVI is to be used:

   ```
   LFILE=(152,dbid,fnr<,passw><,ciph>)
   ```

   where *dbid* and *fnr* define the location of the Adabas System Coordinator configuration file.

   Alternatively, assemble the Natural parameter module with

   ```
   NTFILE,ID=152,DBID=dbid,FNR=fnr
   ```

4. Run the supplied Natural program U1JPARM
   - to initialize the Adabas Vista configuration file in version 7.3 mode; and also
   - to convert any existing job parameters.
5. Ensure that the supplied Natural program AVIMIG74 has been run. This runs automatically when you first enter SYSAVI version 7.4. This will
   - initialize the Adabas Vista configuration file in version 7.4 mode, and
   - convert any existing partition definitions and translation rules

Step 3. Enable the client process

To enable the Adabas Vista client process

1 for the Adabas System Coordinator:

- make the modified Adabas link module available;
- make the generated configuration module CORCFG available; and
- make the Adabas System Coordinator load library available.

2 for Adabas Vista:

- make the Adabas Vista load library available.

Step 4. Enable the database process

To enable the Adabas Vista database process

1 for the Adabas System Coordinator:

- make the Adabas System Coordinator load library available.

2 for Adabas Vista:

- set the Adabas parameter `ADARUN VISTA=YES`.

Step 5. Enable the System Coordinator daemon process

Note: This step is required only if you intend to run clustered applications with dynamic transaction routing across multiple operating system images in an IBM sysplex environment.

To enable the Adabas Vista System Coordinator daemon process

1 Add the control statement `PRODUCT=AVI` to the input of the startup procedures for the Adabas System Coordinator daemon.

2 Make the Adabas Vista load library available to the Adabas System Coordinator daemon.

7 z/VM Systems Installation

- The Installation Tape 26
- Installation Checklist 26
- Installation Procedure 27

The Installation Tape

Review the *Report of Tape Creation* that accompanies the release package before restoring the release data to disk. Information in the report supersedes the information in this documentation.

The installation tape contains the following datasets in the sequence indicated in the report:

Dataset	Contents
TAPE	AVI modules
AVI*vrs*.INPL	SYSAVI objects

where *vrs* in the dataset name represents the version, revision, and system maintenance level of the product.

Installation Checklist

The configuration file, configuration module, and client component of the System Coordinator for Adabas Options must already be installed as indicated in the following checklist before any attempt is made to install Adabas Vista:

Step	Description
1	Load the Adabas System Coordinator configuration file
2	Build the Adabas System Coordinator configuration module CORCFG
3	Build the modified Adabas link module by including the Adabas System Coordinator client component

The installation of these components is described in detail in the *System Coordinator for Adabas Options* documentation.

Once the required components have been installed, you can proceed to install Adabas Vista. The following checklist identifies the steps necessary to successfully complete the installation:

Step	Description
1	Restore the Adabas Vista libraries and other items from the installation tape
2	Prepare SYSAVI
3	Enable the client process
4	Enable the database process

Installation Procedure

Following is the general Adabas Vista installation procedure. The actual installation depends on your particular requirements and the specific contents of the release package provided by Software AG for your site. Information in the release package is intended for your system. If that information differs from the information in this section, use the release package information or contact Software AG technical support for assistance.

Step 1. Restore the Adabas Vista libraries

Issue the z/VM commands

```
TAPE REW
TAPE LOAD * * fm
```

where *fm* is the filemode of the allocated disk.

Step 2. Prepare SYSAVI

The SYSAVI objects needed to create the Adabas Vista Online Services demo version are delivered as part of the System Coordinator for Adabas Options installation tape.

Additional SYSAVI objects delivered on the Adabas Vista installation tape enable full functionality.

1. INPL the objects provided on the Adabas Vista installation tape.

   Note: If you install the Adabas version 7.4 INPL again after installing the Natural INPL supplied on the Adabas Vista distribution tape, you must re-apply the Adabas Vista INPL and any subsequent Adabas Vista INPL updates.

2. In a Natural Security environment, define the libraries SYSAVI (using MENU as the startup program name) and SYSMVvrs. Restrict the application to authorized personnel.
3. Use the following parameter to define the Natural session where SYSAVI is to be used:

   ```
   LFILE=(152,dbid,fnr<,passw><,ciph>)
   ```

   where *dbid* and *fnr* define the location of the Adabas System Coordinator configuration file.

   Alternatively, assemble the Natural parameter module with

   ```
   NTFILE,ID=152,DBID=dbid,FNR=fnr
   ```

4. Run the supplied Natural program U1JPARM
   - to initialize the Adabas Vista configuration file in version 7.3 mode; and also

- to convert any existing job parameters.

5. Ensure that the supplied Natural program AVIMIG74 has been run. This runs automatically when you first enter SYSAVI version 7.4. This will
   - initialize the Adabas Vista configuration file in version 7.4 mode, and
   - convert any existing partition definitions and translation rules

Step 3. Enable the client process

To enable the Adabas Vista client process

1 for the Adabas System Coordinator:

- make the modified Adabas link module available;
- make the generated configuration module CORCFG available; and
- make the Adabas System Coordinator modules available.

2 for Adabas Vista:

- make the Adabas Vista modules available.

Step 4. Enable the database process

To enable the Adabas Vista database process

1 for the Adabas System Coordinator:

- make the Adabas System Coordinator modules available.

2 for Adabas Vista:

- set the Adabas parameter `ADARUN VISTA=YES`.

8 BS2000 Systems Installation

- The Installation Tape 30
- Installation Checklist 30
- Installation Procedure 31

The Installation Tape

Review the *Report of Tape Creation* that accompanies the release package before restoring the release data to disk. Information in the report supersedes the information in this documentation.

The installation tape contains the following datasets in the sequence indicated in the report:

Dataset	Contents
AVI*vrs*.JOBS	AVI installation jobs
AVI*vrs*.PAMS	AVI load modules
AVI*vrs*.INPL	SYSAVI objects

where *vrs* in dataset names represents the version, revision, and system maintenance level of the product.

Installation Checklist

The configuration file, configuration module, and client component of the System Coordinator for Adabas Options must already be installed as indicated in the following checklist before any attempt is made to install Adabas Vista:

Step	Description
1	Load the Adabas System Coordinator configuration file
2	Build the Adabas System Coordinator configuration module CORCFG
3	Build the modified Adabas link module by including the Adabas System Coordinator client component
4	Specify the virtual start address of the shared memory pool in the Adabas System Coordinator group definition

The installation of these components is described in detail in the *System Coordinator for Adabas Options* documentation.

Once the required components have been installed, you can proceed to install Adabas Vista. The following checklist identifies the steps necessary to successfully complete the installation:

Step	Description
1	Copy the library SRVnnn.LIB from tape to disk
2	Copy the library SRVnnn.LIB from tape to disk
3	Copy all product files from tape to disk
4	Prepare SYSAVI
5	Enable the client process
6	Enable the database process

Installation Procedure

Following is the general Adabas Vista installation procedure. The actual installation depends on your particular requirements and the specific contents of the release package provided by Software AG for your site. Information in the release package is intended for your system. If that information differs from the information in this section, use the release package information or contact Software AG technical support for assistance.

Step 1. Copy the library SRVnnn.LIB from tape to disk

This step is not necessary if you have already copied the library SRV*nnn*.LIB from another Software AG installation tape. For more information, refer to the element #READ-ME in this library.

The library SRV*nnn*.LIB is stored on the tape as the sequential file SRV*nnn*.LIBS containing LMS commands. The current version *nnn* can be obtained from the *Report of Tape Creation*. To convert this sequential file into a LMS-library, execute the following commands:

```
/IMPORT-FILE  SUPPORT=*TAPE(FILE-NAME=SRVnnn.LIBS, -
/   VOLUME=<volser>, DEV-TYPE=<tape-device>)
/ADD-FILE-LINK  LINK-NAME=EDTSAM, FILE-NAME=SRVnnn.LIBS, -
/   SUPPORT=*TAPE(FILE-SEQ=3), ACC-METH=*BY-CAT, -
/   BUF-LEN=*BY-CAT, REC-FORM=*BY-CAT, REC-SIZE=*BY-CAT
/START-EDT
@READ  '/'
@SYSTEM 'REMOVE-FILE-LINK  EDTSAM'
@SYSTEM 'EXPORT-FILE  FILE-NAME=SRVnnn.LIBS'
@WRITE  'SRVnnn.LIBS'
@HALT
/ASS-SYSDTA  SRVnnn.LIBS
/MOD-JOB-SW  ON=1
/START-PROG  $LMS
```

```
  /MOD-JOB-SW  OFF=1
  /ASS-SYSDTA  *PRIMARY

<tape-device>    = device-type of the tape, e.g. TAPE-C4
<volser>         = VOLSER of tape (see Report of Tape Creation)
```

```
  /IMPORT-FILE  SUPPORT=*TAPE(FILE-NAME=SRVnnn.LIBS, -
  /   VOLUME=<volser>, DEV-TYPE=<tape-device>)
  /ADD-FILE-LINK  LINK-NAME=EDTSAM, FILE-NAME=SRVnnn.LIBS, -
  /   SUPPORT=*TAPE(FILE-SEQ=3), ACC-METH=*BY-CAT, -
  /   BUF-LEN=*BY-CAT, REC-FORM=*BY-CAT, REC-SIZE=*BY-CAT
  /START-EDT
  @READ  '/'
  @SYSTEM 'REMOVE-FILE-LINK  EDTSAM'
  @SYSTEM 'EXPORT-FILE  FILE-NAME=SRVnnn.LIBS'
  @WRITE  'SRVnnn.LIBS'
  @HALT
  /ASS-SYSDTA  SRVnnn.LIBS
  /MOD-JOB-SW  ON=1
  /START-PROG  $LMS
  /MOD-JOB-SW  OFF=1
  /ASS-SYSDTA  *PRIMARY

<tape-device>    = device-type of the tape, e.g. TAPE-C4
<volser>         = VOLSER of tape (see Report of Tape Creation)
```

```
  /IMPORT-FILE  SUPPORT=*TAPE(FILE-NAME=SRVnnn.LIBS, -
  /   VOLUME=<volser>, DEV-TYPE=<tape-device>)
  /ADD-FILE-LINK  LINK-NAME=EDTSAM, FILE-NAME=SRVnnn.LIBS, -
  /   SUPPORT=*TAPE(FILE-SEQ=3), ACC-METH=*BY-CAT, -
  /   BUF-LEN=*BY-CAT, REC-FORM=*BY-CAT, REC-SIZE=*BY-CAT
  /START-EDT
  @READ  '/'
  @SYSTEM 'REMOVE-FILE-LINK  EDTSAM'
  @SYSTEM 'EXPORT-FILE  FILE-NAME=SRVnnn.LIBS'
  @WRITE  'SRVnnn.LIBS'
  @HALT
  /ASS-SYSDTA  SRVnnn.LIBS
  /MOD-JOB-SW  ON=1
  /START-PROG  $LMS
  /MOD-JOB-SW  OFF=1
  /ASS-SYSDTA  *PRIMARY

<tape-device>    = device-type of the tape, e.g. TAPE-C4
<volser>         = VOLSER of tape (see Report of Tape Creation)
```

Step 2. Copy the procedure COPY.PROC from tape to disk

Call the procedure P.COPYTAPE in the library SRVnnn.LIB to copy the procedure COPY.PROC to disk:

```
/CALL-PROCEDURE  (SRVnnn.LIB,P.COPYTAPE), -
/ (VSNT=<volser>, DEVT=<tape-device>)
```

If you use a TAPE-C4 device, you can omit the parameter `DEVT`.

Step 3. Copy all product files from tape to disk

Enter the procedure COPY.PROC to copy all Software AG product files from tape to disk:

```
/ENTER-PROCEDURE COPY.PROC, DEVT=<tape-device>
```

If you use a TAPE-C4 device, you can omit the parameter `DEVT`. The results of this procedure is written to the file L.REPORT.SRV.

Step 4. Prepare SYSAVI

The SYSAVI objects needed to create the Adabas Vista Online Services demo version are delivered as part of the System Coordinator for Adabas Options installation tape.

Additional SYSAVI objects delivered on the Adabas Vista installation tape enable full functionality.

1. INPL the objects provided on the Adabas Vista installation tape.

   Note: If you install the Adabas version 7.4 INPL again after installing the Natural INPL supplied on the Adabas Vista distribution tape, you must re-apply the Adabas Vista INPL and any subsequent Adabas Vista INPL updates.

2. In a Natural Security environment, define the libraries SYSAVI (using MENU as the startup program name) and SYSMVvrs. Restrict the application to authorized personnel.
3. Use the following parameter to define the Natural session where SYSAVI is to be used:

   ```
   LFILE=(152,dbid,fnr<,passw><,ciph>)
   ```

   where *dbid* and *fnr* define the location of the Adabas System Coordinator configuration file.

   Alternatively, assemble the Natural parameter module with

   ```
   NTFILE,ID=152,DBID=dbid,FNR=fnr
   ```

4. Run the supplied Natural program U1JPARM

- to initialize the Adabas Vista configuration file in version 7.3 mode; and also
- to convert any existing job parameters.

5. Ensure that the supplied Natural program AVIMIG74 has been run. This runs automatically when you first enter SYSAVI version 7.4. This will
   - initialize the Adabas Vista configuration file in version 7.4 mode, and
   - convert any existing partition definitions and translation rules

Step 5. Enable the client process

To enable the Adabas Vista client process

1 for the Adabas System Coordinator:

- make the modified Adabas link module available (BLSLIBnn);
- make the generated configuration module CORCFG available (BLSLIBnn); and
- make the Adabas System Coordinator load library available (BLSLIBnn).

2 for Adabas Vista:

- make the Adabas Vista load library available (BLSLIBnn).

Step 6. Enable the database process

To enable the Adabas Vista database process

1 for the Adabas System Coordinator:

- make the Adabas System Coordinator load library available (BLSLIBnn).

2 for Adabas Vista:

- set the Adabas parameter `ADARUN VISTA=YES`.

9 Verifying the Installation

At the end of the installation process, you can use Adabas Vista Online Services to check for successful initialization. See section Special Services, Local SYSAVI Services, Installation Check option.

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