

# z/OS Installation

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## The Installation Medium

Review the *Software AG Product Delivery Report* that accompanies the release package before restoring the release data to disk. Information in this report supersedes the information in this documentation.

The installation medium contains the following data sets in the sequence indicated in the report:

Data Set	Contents
AVI $\nu$ rs.LOAD	AVI load modules
AVI $\nu$ rs.SRCE	AVI source modules
AVI $\nu$ rs.INPL	SYSAPI objects
AVI $\nu$ rs.ERRN	SYSAPI error messages

where  $\nu$ rs in data set 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 medium
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.

### Step1: Copying the Medium Contents to Disk

If you are using System Maintenance Aid (SMA), refer to the SMA documentation (included on the current edition of the Natural documentation CD). If you are not using SMA, perform steps 1a, 1b and 1c as described in this section:

- Step 1a: Copy Data Set COPY.JOB from Medium to Disk
- Step 1b: Modify COPY.JOB
- Step 1c: Submit COPY.JOB

#### Note:

If the data sets for more than one product are delivered on the medium, the data set COPY.JOB contains the JCL to unload the data sets for all delivered products from the medium to your disk. After that, you will have to perform the individual install procedure for each component.

#### Step 1a: Copy Data Set COPY.JOB from Medium to Disk

The data set COPY.JOB (label 2) contains the JCL to unload all other existing data sets from medium to disk. To unload COPY.JOB, use the following sample JCL:

```
//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=<Tnnnnn>),
// LABEL=(2,SL)
//SYSUT2 DD DSN=<hilev>.COPY.JOB,
// DISP=(NEW,CATLG,DELETE),
// UNIT=3390,VOL=SER=<vvvvvv>,
// SPACE=(TRK,(1,1),RLSE),
```

```
// DCB=*.SYSUT1
//SYSPRINT DD SYSOUT=*
//SYSIN DD DUMMY
//
```

where:

<hilev> is a valid high level qualifier  
 <Tnnnnn> is the tape number  
 <vvvvvv> is the desired volser

### Step 1b: Modify COPY.JOB

Modify the COPY.JOB to conform with your local naming conventions and set the disk space parameters before submitting this job:

- set HILEV to a valid high level qualifier
- set LOCATION to a storage location
- set EXPDT to a valid expiration date

### Step 1c: Submit COPY.JOB

Submit COPY.JOB to unload all other data sets from the medium to your disk.

## Step 2. Prepare SYSAVI

The Adabas Vista Online Services (SYSAVI) objects are delivered on the Adabas Vista distribution medium.

### To prepare SYSAVI:

1. Use your everyday Natural INPL job to load the administration tool (Natural application SYSAVI) and associated message texts into your Natural system. For reference a sample Natural INPL job called CORI061 can be found with the sibling System Coordinator product in the jobs distribution file. The INPL job's work file 1 must reference the distribution file AVIvrs.INPL and work file 2 must reference AVIvrs.ERRN.

#### Note:

If you use Natural Security in this system, define the libraries SYSAVI and SYSMVvrs (where vrs is the level you are installing, for example 821) and protect as you require. You may define MENU as the startup transaction for SYSAVI. However, you must not define a startup transaction for SYSMVvrs.

2. Use the following parameter to define the Natural session where SYSAVI is to be used:

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

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
```

### 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).