

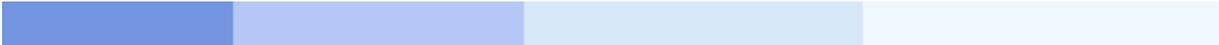


PREDICT

Installation

Version 4.2.1 for OpenVMS

 **SOFTWARE AG**



This document applies to Predict Version 4.2.1 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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Predict Installation on OpenVMS

This section describes how to install Predict under OpenVMS on an AXP computer. It covers the following topics:

- Before You Start Provides an overview of the product requirements and the basic installation steps.
- Installing Software AG Products from CD-ROM under OpenVMS Describes the steps involved to install and set up Software AG products in an OpenVMS environment.
- Installing Predict 4.2 under OpenVMS Describes the steps involved to install and set up Predict with PCSI.
- After the Installation Procedure Describes the steps involved to install and set up Predict and provides an overview of the parameters that must be set before you can start working with Predict.
- Applying Service Packs or Subsequent System Maintenance Levels Describes the steps involved when you upgrade an existing Predict environment.

Before You Start Installing Predict 4.2 on OpenVMS

Before you begin to install Predict, ensure that your computer meets the installation prerequisites described below. This section covers the following topics:

- Installation Prerequisites
- Installing Predict in a Cluster Environment
- Naming Conventions
- Logical Name Assignments
- Recommended Directory Structure

Installation Prerequisites

Software

Before you begin to install Predict under OpenVMS, the following software must be installed and running:

- OpenVMS Version 7.2 or 7.3
- Sagbase Version 1.2.3 (only if you install Sagbase with this version)
- Natural Version 5.1.1
- Adabas Version 4.1
- Entire Net-Work 3.2.3 (only required if FSEC is located remotely)

Product Requirements

Natural 5.1.1 for OpenVMS Patch Level 4 or above

The following Natural parameter settings are recommended during the installation of Predict 4.2.1:

- MADIO=0
- MAXCL=0
- The Natural Buffer Pool must be available.

Adabas C 4.1 for OpenVMS or above

The following Adabas parameters should be set during the installation of Predict 4.2.1:

- LAB=200000 or greater
- LBP=4000000 or greater
- LP=200 or greater
- LS=200000 or greater
- LWP=1000000 or greater
- MGC=50 or greater
- NC=200 or greater
- NH=10000 or greater
- NISNHQ=1000 or greater
- NT=2 or greater
- NU=200 or greater
- OPTIONS=(TRUNCATION)

Note:

WORK must be at least 20 MB.

Disk Space

The space required on disk will be checked by the PCSI utility during the installation.

Installing Predict in a Cluster Environment

If you install Predict in a cluster environment, you have to install it on each node in the cluster environment.

Note:

Sagbase must be installed on each node where Predict is to be installed.

Initial Installation in a Cluster Environment

Depending on how Sagbase has been installed, the initial Predict installation within a cluster will choose either the common or the specific root directory. The installation procedure checks if there is already an existing Predict installation in the cluster.

Update Installations in a Cluster Environment

During an update installation the values of the system parameters are automatically checked.

Naming Conventions

The following notations are used in the names of files and directories:

Notation	Description
product	product name or short product name (PPP)
v	version number
r	release number
s	system maintenance level
p	patch level
os	operating system short name

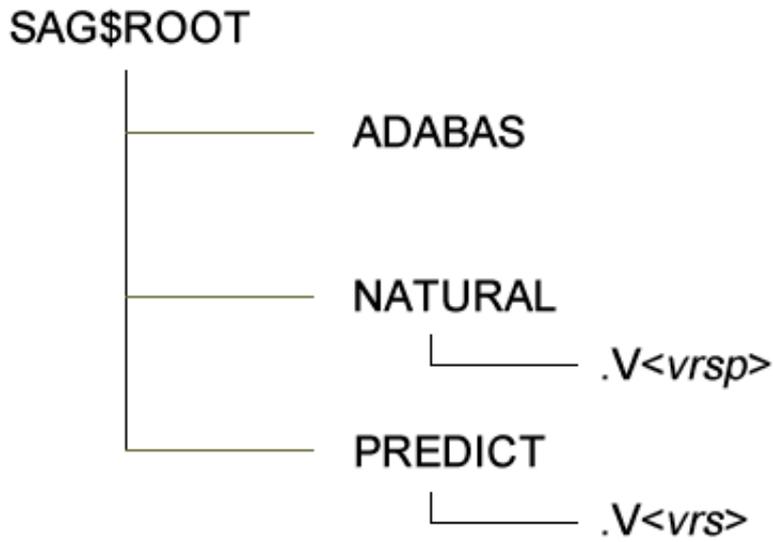
Logical Name Assignments

Predict uses the following logical name assignment:

Logical Name	Directory
PRD	NATBIN:PRD <i>vrsp</i> .EXE

Recommended Directory Structure

Software AG recommends the following directory structure for its products under OpenVMS:



Installing Software AG Products for OpenVMS

This section describes how to install Software AG products under OpenVMS from CD-ROM.

- General Installation and Setup Overview
 - Installation Package
 - Mounting the CD-ROM
 - CD-ROM Directory Structure
 - Installing the Product from CD-ROM
-

General Installation and Setup Overview

This section describes how to install Software AG products for OpenVMS (AXP).

The general procedure is:

1. Use Software AG's product Sagbase to prepare the OpenVMS environment for installation of Software AG's OpenVMS products. Sagbase creates an account and a top-level directory, in which all Software AG OpenVMS products are placed in subdirectories. For further information on Sagbase, please refer to the Sagbase documentation.
2. Use the command procedure SETUP.COM located on CD to install the product in the OpenVMS environment.
SETUP.COM copies the Natural PCS file from the CD to the SAG\$ROOT:[CDINST] directory, changes the default location to this directory and starts the Polycenter Software Installation utility (PCSI).
3. The PCSI utility guides you through the installation and verifies whether the installation was successful.
4. After completion of the PCSI installation procedure, some product-specific post-installation steps must be performed as described in each product's installation documentation.

Installation Package

The installation package containing Software AG products is available on CD-ROM.

Mounting the CD-ROM

Log in to the privileged account

Log in to the OpenVMS system manager's account or DBA account.

Mount the CD-ROM

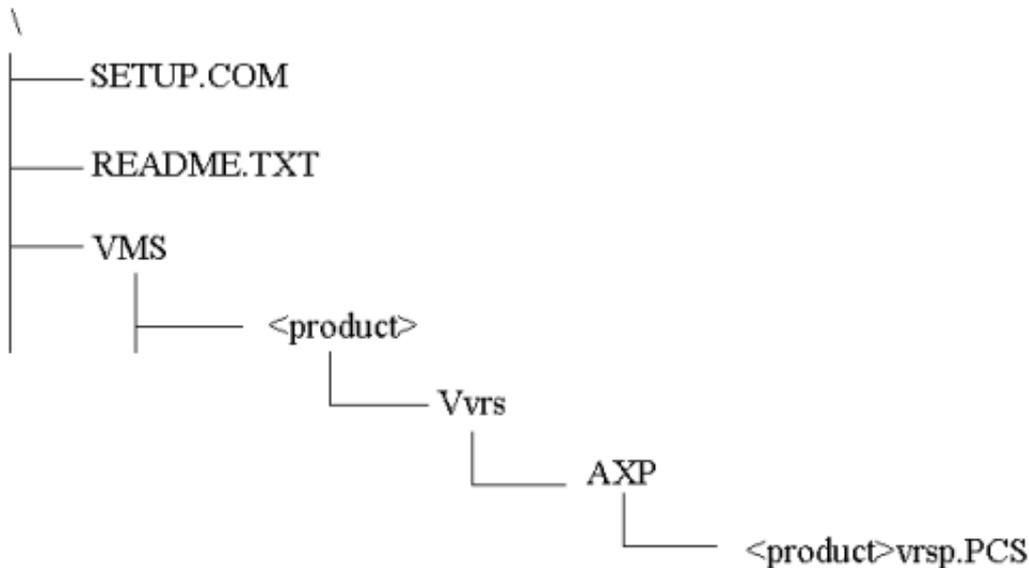
Use the following command:

```
$ MOUNT/OVERRIDE=ID/MEDIA=CD/UNDEF=VAR:CR <device-name>
```

The /OVERRIDE=ID qualifier is necessary because the volume label may differ from CD-ROM to CD-ROM. This qualifier implies that only the user who mounted the CD-ROM can access it and, therefore, should perform the installation.

CD-ROM Directory Structure

The following graphic shows the general directory structure for Software AG products on OpenVMS.



In the README.TXT file you will find important information about the product installation.

The product is saved in the product PCSI file `<product>vrsp.PCS` for example `PRD4210.PCS` for a Predict installation.

The SETUP.COM procedure invokes the installation.

Installing the Software AG Product from CD-ROM

Use the SETUP.COM procedure to copy the product file to the SAG root directory and to start the PCSI installation procedure.

Change your current directory

```
$ SET DEFAULT <CD-ROM-device-name>:[000000]
```

Enter the following command to start the SETUP.COM extraction procedure

```
$ @SETUP
```

The SETUP.COM procedure will prompt you for all information it needs for the installation.

The product `<product>vrsp` from the CD-ROM will be copied to `SAG$ROOT:[CDINST.<os>_<product>_V<vrmp>]`.

Copy the product PCSI file

Enter

Y - to copy the product PCSI file to
SAG\$ROOT:[CDINST.<os>_<product>_V<vrmp>]
N - to copy the product PCSI file to another directory
RETURN - to exit this procedure

Enter Y or N:

Enter "Y" to copy the product to SAG\$ROOT:[CDINST.<os>_<product>_V<vrmp>] directory or "N" to copy it to another location.

Print the README.TXT file

Print README.TXT(queue SYS\$PRINT)? [Y]:

Enter "Y" if you want to print the README.TXT file from the CD.

Setup completed

The SETUP.COM command procedure displays the following message, if the product PCSI file was successfully copied to the directory SAG\$ROOT:[CDINST.<os>_<product>_V<vrmp>].

```
SETUP successfully done
```

Invoke the PCSI installation procedure or interrupt the process

You have the choice to proceed with the PCSI installation or to interrupt the installation.

The installation procedure displays the location where you copied the PCSI file.

You may execute the PCSI installation utility now or later.

Enter

I - to install the product on SAG\$ROOT
RETURN - to exit this procedure

Enter "I" to install the product with the PCSI utility. This procedure is described in detail in the product-specific installation documentation.

If you press "RETURN", you will leave the SETUP.COM procedure.

You can continue the installation, if you start the SETUP.COM procedure once more.

Installing Predict 4.2 under OpenVMS

This section describes how to install Predict under OpenVMS on an AXP computer. It covers the following topics:

- Overview of the Installation Procedure
 - PCSI Installation Procedure
-

Overview of the Installation Procedure

The Predict installation procedure performs the following steps:

- Checks which OpenVMS version is running.
- Temporarily sets the privileges (BYPASS, CMKRNL, SYSNAM).
- Checks whether Sagbase is installed.
- Modifies DBA account, if required.
- Registers product Sagbase to PCSI, if required.
- Calculates and verifies the disk space needed for the installation on both the work-directory device and the installation device.
- Checks whether Natural is installed.
- Checks whether Adabas is installed.
- Creates the directories SAG\$ROOT:[PREDICT] and SAG\$ROOT:[PREDICT.Vvrs].
- Moves all files and images to the appropriate directories.
- Sets protections for files and directories.
- Creates the patch level file in the version subdirectory of the Predict directory (in this version, "V421p")

Note: Patch level files are for internal use and should not be modified or deleted. They are used for other installations.

PCSI Installation Procedure

Before you start installing Predict using the PCSI procedure, read *Installing and Setting up Software AG products for OpenVMS* and see the information described in the section *Before You Start*.

You started the installation using the command procedure `SETUP.COM` located on CD to install Natural in the OpenVMS environment.

`SETUP.COM` copies the Predict PSC file from the CD to the `SAG$ROOT:[CDINST]` directory and starts the Polycenter Software Installation utility (PCSI). During the installation procedure, a number of general information messages are displayed. Read all messages carefully and follow any advice they may provide.

Continue the PCSI installation

The following messages are displayed during the installation process:

```
The following product has been selected:  
SAG AXPVMS PRD_vrsp Vv.rs-PLp Layered Product [Installed]
```

```
Do you want to continue? [YES]
```

Answer: yes

The installation procedure checks if the product SAGBASE (GBA) has already been installed and registered with the PCSI utility. If GBA has been installed but not yet registered, you will be asked to do so. Register by following the instructions on the screen.

If the SAGBASE software has not been found on your system the installation aborts.

The installation procedure checks if the product prerequisites Natural and Adabas has already been installed and registered with the PCSI utility.

Modify the PCSI options

Do you want the defaults for all options? [YES]

Answer "no" to modify the options.

Print READ_ME_FIRST.TXT (SYS\$PRINT)?

Answer is optional (yes or no)

Are you satisfied with these options ?

Answer is optional (yes or no).

The procedure now installs Predict to the destination directory.

After a successful installation, the PCSI utility displays the message:

The following product has been installed:
SAG AXPVMS PRD_vrsp Vv.rs-PLp Layered Product

After the Installation Procedure

This section covers the following topics:

- Verifying the Installation Procedure
- First-Time Installation
- Upgrade Installation
- Installation with Remote Adabas Database

Verifying the Installation Procedure

To verify the product entry in the PCSI database enter:

```
$ PRODUCT SHOW PRODUCT PRD_<vrs>
```

First-Time Installation

If you are installing Predict for the first time or in an environment where Predict is not yet installed, read the section Before You Start Installing Predict 4.2 on OpenVMS, then proceed with the method described below.

Before you proceed:

- Make sure that Natural Version 5.1.1 is installed system-wide on your OpenVMS system.
- Make sure that the Adabas database is running.

Then enter the following command to start the installation procedure:

```
$ SET DEF SAG$ROOT:[PREDICT.Vvrs]
```

```
$ @SAGINST_PRD.COM
```

All Natural 5.1.1 versions installed under SAG\$ROOT:[NATURAL] will be displayed. Select one of these versions.

The main menu will be displayed.

```

                                P r e d i c t   V e r s i o n   4 . 3 . 1
                                I n s t a l l a t i o n   P r o c e d u r e
-----
                                MODULE=NATPARM
                                DBID  =000

1  -  First-Time Installation of PRD43
2  -  Upgrade to PRD43

Please enter the function [exit] :
```

Enter RETURN if you want to exit the installation procedure.

Enter 1 to perform a first-time installation. The following menu appears:

```

                P r e d i c t   V e r s i o n   4 . 3 . 1
                I n s t a l l a t i o n   P r o c e d u r e

-----

                MODULE=NATPARM
                DBID  =000

First-Time Installation of PRD43
=====
1  - Specify ADABAS  DBID for FDIC file
2  - Create database file for FDIC
3  - Create database file for Coordinator FDIC
4  - Select NATURAL parameter file
5  - Specify installation parameters in parameter file
6  - Start FDIC INPL procedure (this step takes some time)
7  - Check log file of INPL procedure

Please enter the function  [exit)      :
```

Enter RETURN if you want to go back to the main menu.

Procedure

To continue the installation, perform the following steps:

▶ Step 1: Specify Adabas DBID for FDIC File

Choose function 1 from the installation menu. Specify a DBID for the FDIC file.

▶ Step 2: Create FDIC Database File into Adabas

Choose function 2 from the installation menu. Specify a file number for the FDIC file in your database.

Please take the following space estimation into consideration:

ASSO: NISIZE~2.0MB, USIZE~0.3MB; DATA: DSSIZE~4.0MB.

▶ Step 3 Create Database File for Coordinator FDIC

Choose function 3 from the installation menu. Specify a file number for the Coordinator FDIC.

Please take the following space estimation into consideration:

ASSO: NISIZE~5.0MB, USIZE~0.3MB; DATA: DSSIZE~4.5MB.

▶ Step 4 Verifying the Database File Creation

This step is optional and must be performed manually.

The loading of the Predict system file and documentation data can be verified with the Adabas utility ADAREP:

```

Commands:
  adarep
  %ADAREP-I-STARTED...
  adarep:dbid=<dbid>
  %ADAREP-I-.....
  %adarep:cont
  Content of Database <dbid>

File
  Nr      Filename                loaded on      Top ISN    MAX ISN ...
  -----
  ....
  <FNR> FDIC42n                    .....
  <FNR> COORD_FDIC42n              .....

  ...
  adarep:quit
  %ADAREP-I-TERMINATED, ...
    
```

Step 5: Select Natural Parameter File

Choose function 4 from the installation menu.

Enter an already existing Natural parameter file for INPL.

FNAT and FUSER in which Predict is to be installed must be contained in a parameter file. If no parameter file is specified explicitly, the default parameter file NATPARM is used.

Step 6: Specify Installation Parameters in Parameter File

Choose function 5 from the installation menu. This step calls the NATPARM utility with the parameter file specified in Step 5. Set the following parameters as required.

Note:

Natural parameters in **bold** face are required for installation. The other Natural parameters can be set at runtime.

Natural Parameters	
MADIO	Must be set to 0.
MAXCL	Must be set to 0.
FDIC, FNAT, FUSER	Enter the DBID and FNR of the current Predict system file (specified in Step 1 and Step 2) and, if not yet specified, the numbers of the Natural system files.
OPRB	OFF.
WORK	Workfiles 1, 2, 3, 4 and 5 must be specified in ASCII format for every Predict user. Workfiles must be specified in SAG\$ROOT:[NATURAL.TMP]. This is the standard parameter file setting. Set different values for the environment variables for different users.

Define the library SYSLIBS as steplib of FNAT in NATENV or Environment Assignments (Natural 51np), by entering SYSLIBS and DBID and FNR of FNAT.

Note:

Your Adabas database should be active during INPL (Step 7) if you have defined the FDIC parameter. If your Adabas database will be offline during INPL, please do not define the FDIC.

▶ **Step 7: Start FDIC INPL Procedure**

Choose function 6 from the installation menu to start Natural with the parameter file specified in Step 5.

If this step is successful, the message: "INPL loaded successfully." is given.

If this step is not successful, go to Step 8.

Note: This step takes some time.

▶ **Step 8: Check Log File of INPL Procedure**

This step is only necessary if Step 7 was not successful.

Choose function 7 from the installation menu. The INPL logfile will be displayed.

▶ **Step 9: Define the Predict Libraries to Natural Security**

This step is optional and must be performed manually.

If Natural Security is installed, perform the following steps:

- Logon to the library SYSSEC
- Call up Administrator Services > Definition of system libraries
- Enter AD next to Library ID Predict. This will define all the Predict libraries to Natural Security.

▶ **Step 10: Define Coordinator FDIC File in new SYSDIC**

This step must be performed manually.

Start a Predict 4.2 online session and perform the following:

- Logon to the library SYSDIC
- Call the Function Main Menu by entering MENU
- If this is the first time during the installation process you open a Predict library, you will be asked if you want to reinstall the system defaults. To confirm the reinstallation enter EXECUTE and press ENTER for each screen.
- Call up function Defaults > Coordinator Defaults
- Specify parameters Coordinator FDIC DBnr/Fnr with the database number and file number of the Coordinator FDIC added in the previous steps.

▶ **Step 11: Load the Predict Description of the Predict System File**

This step is optional and must be performed manually.

To load the Predict description of the Predict system file, assign the file PRD421.DAT to Work File 1 in your parameter module file. The file PRD421.DAT can be found in:

```
SAG$ROOT: [ PREDICT.Vvrs.INSTALL ].
```

Start Natural with PARM=<your parameter file> and enter the following commands:

- LOGON SYSDICBE
- MENU
- LOAD OBJECTTYPE ALL,REPLACE=Y,ADA=N

If a previous import operation with the Coordinator terminated abnormally for any reason, the Coordinator FDIC is locked and a corresponding message is returned. Enter the following commands to clear the Coordinator FDIC:

- LOGON SYSDIC
- MENU
- SPECIAL REFRESH

Note:

You can execute this step in batch mode also.

Step 12: Load the Predict Example Data

This step is optional and must be performed manually.

To load the Predict example data, assign the file PRD421.DEM to Work File 1 in your parameter module file. The file PRD421.DEM can be found in:

```
SAG$ROOT: [ PREDICT.Vvrs . INSTALL ]
```

Start Natural with PARM=<your parameter file> and enter the following commands:

- LOGON SYSDICBE
- MENU
- LOAD OBJECTTYPE ALL,REPLACE=Y,ADA=N

If a previous import operation with the Coordinator terminated abnormally for any reason, the Coordinator FDIC is locked and a corresponding message is returned. Enter the following commands to clear the Coordinator FDIC:

- LOGON SYSDIC
- MENU
- SPECIAL REFRESH

Note:

You can execute this step in batch mode also.

Your first-time installation is now complete.

Upgrade Installation

Use this installation method, if you have already used a previous version of Predict, and a Predict system file (FDIC) containing data in the format of that version exists.

**Warning:**

Before upgrading from a previous version of Predict, please save your old FDIC files (including the Coordinator FDIC file) using the Adabas utility ADABCK or ADAORD.

Before you proceed:

- Make sure that Natural Version 5.1.1 is installed system-wide on your OpenVMS system.
- Make sure that the Adabas database is running.

Then enter the following command to start the installation procedure:

\$ SET DEF SAG\$ROOT:[PREDICT.Vvrs]

\$ @SAGINST_PRD.COM

All Natural 5.1.1 versions installed under SAG\$ROOT:[NATURAL] will be displayed. Select one of these versions.

The main menu will be displayed.

```

                P r e d i c t   V e r s i o n   4 . 3 . 1
                I n s t a l l a t i o n   P r o c e d u r e
-----
                MODULE=NATPARM
                DBID  =000

1 - First-Time Installation of PRD43
2 - Upgrade to PRD43

Please enter the function [exit]          :
```

Enter RETURN if you want to exit the installation procedure.

Enter 2 to perform an upgrade installation. The following menu appears:

```

                P r e d i c t   V e r s i o n   4 . 3 . 1
                I n s t a l l a t i o n   P r o c e d u r e
-----
                MODULE=NATPARM
                DBID  =000

Upgrade to PRD43
=====
8 - Specify Adabas DBID and file number for FDIC file
9 - Select Natural parameter file
10 - Specify installation parameters in parameter file
11 - Start FDIC INPL procedure (this step takes some time)
12 - Check log file of INPL procedure

Please enter the function [exit)          :
```

Enter RETURN if you want to go back to the main menu.

Procedure

To continue the upgrade installation, perform the following steps.

▶ Step 1: Specify Adabas DBID and FNR for FDIC File

Choose function 8 from the installation menu. Specify a DBID and FNR for the FDIC file.

▶ Step 2: Select Natural Parameter File

Choose function 9 from the installation menu to select an already existing Natural parameter file for INPL. FNAT and FUSER in which Predict is to be installed must be contained in a parameter file. If no parameter file is specified explicitly, the default parameter file NATPARM is used.

▶ Step 3: Specify Installation Parameters in Parameter File

Choose function 10 from the installation menu. This step calls the NATPARM utility with the parameter file specified in Step 2. Set the following parameters as required.

Note:

All these Natural parameters are required for the upgrade installation.

Natural Parameters	
MADIO	Must be set to 0.
MAXCL	Must be set to 0.
FDIC, FNAT, FUSER	Enter the DBID AND FNR of the current Predict system file (specified in Step 1) and, if not yet specified, the numbers of the Natural system files.
OPRB	OFF.
WORK	Workfiles 1, 2, 3, 4 and 5 must be specified in ASCII format for every Predict user. Workfiles must be specified in SAG\$ROOT:[NATURAL.TMP]. This is the standard parameter file setting. Set different values for the environment variables for different users.

Define the library SYSLIBS as steplib of FNAT in NATENV or Environment Assignments (Natural 51np), by entering SYSLIBS and DBID and FNR of FNAT.

Note:

Your Adabas database should be active during INPL (Step 4) if you have defined the FDIC parameter. If your Adabas database will be offline during INPL, please do not define the FDIC. However, when you are updating Predict (Step 7 and following steps), your Adabas database must be active, and the FDIC must be defined in the Natural parameter file.

▶ Step 4: Start FDIC INPL Procedure

Before starting the FDIC INPL, please make sure that no INTDIC module accidentally remains in the library SYSTEM from a previous Predict installation. If one remains, please delete it manually.

Choose function 11 from the installation menu to start Natural with the parameter file specified in Step 2.

If this step is successful, the message: "INPL loaded successfully." is given.

If this step is not successful, go to Step 5.

Note: This step takes some time.

▶ **Step 5: Check Log File of INPL Procedure**

This step is only necessary if Step 4 was not successful.

Choose function 12 from the installation menu. The INPL logfile will be displayed.

▶ **Step 6: Define the Predict Libraries to Natural Security**

This step is optional and must be performed manually.

If Natural Security is installed, perform the following steps:

- Logon to the library SYSSEC
- Call up Administrator Services > Definition of system libraries
- Enter AD next to Library ID Predict. This will define all the Predict libraries to Natural Security.

▶ **Step 7: Define the Coordinator FDIC in the SYSDIC Manually**

This step must be performed manually by starting Natural with the parameter file you specified in Step 2.

To set up your environment so you can use the Coordinator, start a Predict 4.2 online session (with the FDIC file used for Predict 4.1) and perform the following:

- Log on to the library SYSDIC
- Call the Function Main Menu by entering MENU at the NEXT prompt
- Call the function Defaults > Coordinator Defaults
- Specify the parameters Coordinator FDIC DBID/FNR with the file number and database ID of the Coordinator FDIC used for Predict 4.1.

▶ **Step 8: Specify the Conversion Defaults**

This step must be performed manually by starting Natural with the parameter file you used in a previous Predict version.

Note:

Make sure that the corresponding FDIC and Coordinator FDIC assignment in your parameter module contains valid values.

To perform the data conversion enter:

- LOGON SYSDICCO
- MENU
- Select the function "Conversion defaults"

Conversion defaults are used to specify new object-type, association or retrieval-model names/codes for user-defined object types, associations or retrieval models defined in earlier versions of Predict if the old names and codes are now reserved.

The following object type, association and retrieval model names/codes are reserved in Predict Version 4.2:

Reserved Object Type	
Names	Codes
TRIGGER	TR
VISTA-DA	
VISTA-FI	

Reserved Retrieval Model	
Model Name	Object Type
AP	SY

Reserved Association		
Object Type	Active Code	Passive Code
(FI->TR)	TR	FI
(PR->FI)	IN	IP
(PR->FI)	RE	RS
(SY->SY)	CS	CS
(SY->PR)	CP	CP
(SY->VE)	CV	CV
(SY->FI)	CF	CF
(SY->SY)	LI	LI
(PR->PR)	MS	MS

Example

In Predict Version 4.1 you defined a user-defined object type with the object-type name Trigger and Code TI. In Predict Version 4.2, Trigger is the name of a predefined object type and is not permitted as a user-defined object type.

If you call the function Conversion defaults, the following screen appears:

```

13:41:46          ***** P R E D I C T 4.3.1 *****                2002-07-31
                    - Conversion Defaults -
                                     Added 2002-07-31 at 16:03
                                     by GER
Object type code      Object type name      Retrieval model
                    TRIGGER .....
    
```

The function lists all user-defined object types which are in conflict with the new version. Because the code TI is not reserved, this does not appear in the list and does not need to be changed. You do, however, have to change the object-type name Trigger before you can convert your data from Predict Version 4.1. Enter under Object type name a new name (which is not reserved) for your user-defined object type and press ENTER.

If no reserved object type names or codes and retrieval model names or codes have been defined in your previous Predict version, press ENTER.

▶ **Step 9: Convert the Data on the Predict System File to Version 4.2 Format**

This step must be performed manually by starting Natural with `PARM=<your parameter file>`.

This step converts Predict Version 4.1 data to Version 4.2 format. If the data on your Predict system file already is in Version 4.2 format, a corresponding message is returned.

To set up your environment so you can use the Coordinator, start a Predict 4.2 online session (using the newly installed FDIC file) and perform the following:

- Log on to the library SYSDICCO
- Call the Function Main Menu by entering MENU at the NEXT prompt.
- In the Predict Conversion Utility call the function C > Version 4.1 data

```
LOGON SYSDICCO
MENU
CONVERT VERSION42
```

Note:

You can execute this step in batch mode also.

Now the data is in Version 4.2 format. You are recommended to save your Predict system file in Version 4.2 format before proceeding with the steps below.

▶ **Step 10: Load the Predict Description of the Predict System File**

This step is optional.

For further details see Step 11 in the section **First-Time Installation**.

▶ **Step 11: Load the Predict Example Data**

This step is optional.

For further details see Step 12 in the section **First-Time Installation**.

Your upgrade installation is now complete.

Installation with Remote Adabas Database

This section describes how to install Predict for the first time or upgrade Predict from a previous version when the system files (FDIC, Coordinator FDIC) reside on a remote Adabas database.

Set your default directory to `SAG$ROOT:[Predict.Vvrs]` by entering the following command:

```
$ SET DEFAULT SAG$ROOT:[PREDICT.Vvrs]
```

Then execute the command procedure `REMOTE_DB.COM` by entering:

```
$ @ REMOTE_DB
```

This command procedure will build a set of command procedures for creating a new Predict 4.1 FDIC file and Coordinator FDIC file or updating existing older FDIC and Coordinator FDIC files residing on a remote Adabas database.

At the end, the procedure will tell you which files have to be transferred to the remote node.

REMOTE_DB.COM will prompt you for

- the installation method
- the DBID of the remote Adabas database
- the file number of the FDIC file
- the file number of the Coordinator FDIC file

While you are prompted for the parameters you can cancel the procedure by pressing RETURN.

The choice of installation method depends on the kind of installation or update to be performed.

- First-Time Installation of Predict 4.2
 - Upgrade of Predict 4.1 to Predict 4.2
-

First-Time Installation of Predict 4.2

If you are installing Predict for the first time, perform the following steps:

- for the installation method, enter 42
- for the remote Adabas DBID, enter the DBID of that database
- for the FDIC file number, enter the file number you want to use for the Predict 4.2 FDIC file on the remote Adabas database. Make sure this file number does not exist yet.
- for the Coordinator FDIC file number, enter the file number you want to use for the Coordinator FDIC File on the remote Adabas database. No file with this file number may already exist!

A list of four files is shown, which need to be transferred to the remote node (all to the same directory):

- REM_FDICvrs.COM
- REM_COORD_FDICvrs.COM
- COORD_FDICvrs.FDT
- FDICvrs.EXP

On the remote node, set your default directory to the directory where these four files reside.

- First execute REM_FDICvrs.COM
- Then execute REM_COORD_FDICvrs.COM
- Now proceed with Steps 4 to 12 of the First-Time Installation.

Upgrade of Predict 4.1 to Predict 4.2

If you are upgrading from Predict 4.1, perform the following steps:

- for the installation method, enter 41
- for the remote Adabas DBID, enter the DBID of that database
- save your old FDIC files (including the Coordinator FDIC file) using the Adabas utility ADABCK or ADAORD for backup.
- for the FDIC file number, enter the file number of the existing Predict 4.1 FDIC file on the remote Adabas database (check the appropriate Natural parameter module or look for the file name FDIC_V41s)
- for the Coordinator FDIC file number, enter the file number of the existing Coordinator FDIC File on the remote Adabas database (look for file name COORD_FDIC41s)

A list of two files is shown, which need to be transferred to the remote node (all to the same directory):

- REM_UPD41_42.COM
- REM_UPD41_COORD_42.COM

On the remote node, set your default directory to the directory where these two files reside.

- First execute REM_UPD41_42.COM
- Then execute REM_UPD41_COORD_42.COM
- After that, proceed with Steps 2 to 11 of the Upgrade Installation.

Applying Service Packs or Subsequent System Maintenance Levels

When migrating from Predict Version 4.2.1 to Predict Version 4.2.n (n > 1), please observe the information below. If you have already installed Predict Version 4.2.1 in your environment, no conversion of your FDIC file is necessary.

Perform the following steps:

▶ **Step 1: Save the user exit routines, other programs delivered in source form, and help texts if you modified them**

▶ **Step 2: Start the installation process.**

Enter the command:

```
@SAG$ROOT : [ NATURAL . COMMON ] SAGINPL . COM
```

▶ **Step 3: Select your Natural version**

All Natural versions installed under `SAG$ROOT : [NATURAL]` will be displayed.

Select a Natural version. The main menu is displayed.

▶ **Step 4: Specify a Natural parameter module**

Choose function 1 from the installation menu.

Specify a Natural parameter module that will then be displayed.

Check your FNAT/FUSER settings.

▶ **Step 5: Specify the INPL dataset for update**

Choose function 2 from the installation menu.

You can specify an INPL dataset path and name for update.

Note:

The INPL dataset is a text file. It includes a list of files to be loaded by the INPL utility.

Important:

Set the dataset format to Portable.

▶ **Step 6: Load Predict modules into Natural**

Choose function 2 from the installation menu.

The Predict modules are loaded into Natural.

▶ **Step 7: Print the readme file**

In function 4, you can specify whether you want to print the Readme file.

▶ **Step 8: Restore the objects you saved in Step 1 of this description.**