software AG

Adabas Vista

Adabas Vista Online Services

Version 8.1.2

June 2014

Adabas Vista

This document applies to Adabas Vista Version 8.1.2.

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

Table of Contents

1 Adabas Vista Online Services

This document describes the online administration tool Adabas Vista Online Services.

The following topics are provided:

Using Adabas Vista Online Services
System Settings
Maintenance
Session Monitoring
Special Services
Adabas Access Analysis (AVILOOK)

2   Using Adabas Vista Online Services

The Adabas Vista Online Services application is accessible from Adabas Online System (AOS), either the demo AOS version supplied with Adabas, or the full AOS version.

Online Services Main Menu

▶ **To invoke Adabas Vista Online Services**

■ Either select Adabas Vista from the AOS main menu

Or:

log on to SYSAVI and enter the command MENU.

The Main Menu screen appears:

```
09:29:50  ***** A D A B A S  VISTA SERVICES 8.1.2 *****              2006-05-29
                       -  Main Menu  -                                V1MAINM1


             Code    Service
             ----    ------------------
              0      System Settings
              1      Maintenance
              2      Session Monitoring
              3      Special Services
              4      Avilook
              5      About Adabas Vista
              .      Exit
             ----    ------------------
        Code..: _




 You can easily switch around the tools for Fastpath, Vista etc by use of the
 PF Keys shown, or use the codes COR, AFP, AVI, AAF, ATM as commands - anytime.

 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
     Help        Exit              COR   AFP         AAF   ATM         Vers
```

The following options are available:

Option	Description
System Settings	Maintain Adabas Vista configuration file setting.
Maintenance	Maintain Adabas Vista rules and client runtime controls.
Session Monitoring	Monitor the current session.
Special Services	Provide installation and applied ZAP information for the Adabas Vista components.
Avilook	File analysis tool.
About Adabas Vista	Display product information.

Navigation

You can access screens in two ways:

- sequentially by selecting a menu service and entering it in the Code field; or

- directly by typing a numerical command on the command line.

For example, entering the command `1.1` on the command line directly accesses the Maintain Generations screen within the Rule maintenance function without first accessing the Maintenance menu.

Function	Object	Command
System Settings	Menu	0
	LFILE 152 Maintenance	0.1
Maintenance	Menu	1
	Partitioned Files	1.1
	Translation Rules	1.2
	Client Runtime Controls	1.3
Session Monitoring	Menu	2
Special Services	Menu	3
	Local SYSAVI Services	3.1
AVILOOK	Menu	4
About Adabas Vista	Information	5

Using PF Keys

SYSAVI uses PF keys for various actions. Key functions are standard throughout the system, wherever possible. The PF keys that apply to each screen are indicated at the bottom of the screen.

The following keys apply throughout the system:

PF Key	Function	Description
PF1	Help	invoke the help specific to the current screen
PF3	Exit	quit and return to the previous screen

The following keys apply generally, depending on the type of action or function in use:

PF Key	Function	Description
PF4	Refr	from active screens, refresh the data
PF5	Upd.	from general maintenance screens, commit the update
PF7	Back	from list screens, return to the previous page
PF8	Next	from list screens, move to the next page
PF10	Add	from general maintenance screens, add an object
PF12	Menu	return immediately to the main menu

Help Information

▶ **To invoke Adabas Vista help information**

■ Press PF1.

The help screen that appears applies to the current screen and may comprise several pages. From each help screen, you can access lower level options or return to previous, higher levels.

An example of a help screen follows:

```
10:54:00     ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-05-29
             - Help for Maintain Generations  -      Page 1 of 1 V11100H1


 This screen lists all defined generations.

 You may define multiple generations of Adabas Vista rules which allows
 you to implement different configurations in a controlled manner.

 Adabas Vista at runtime always executes using the active generation.

   The following options are available:
 1 ADD       - PF10  Add a new generation
 2 DISPLAY   - 'D' = Display information about a generation
 3 MODIFY    - 'M' = Modify  information about a generation
 4 PURGE     - 'P' = Purge a generation and all its rules
 5 COPY      - 'C' = Copy  a generation and all its rules
 6 ACTIVATE  - 'A' = Activate a generation
 7 EXPAND    - 'E' = Work with the change deltas for a generation
 8 display gentab  = Display generation record
 9 BROWSE    - 'B' = Browse the base rules for a generation (readonly)



 Enter options 1 to 9 for Help about the individual functions, or,
 . '.' to End Help, '-' for Previous Pages
```

In the above example, you can navigate by entering

-	to move backwards and up a menu level
1 - 9	to move down a level to the function selected

If the help screen comprises multiple pages, you can enter

+	to move to the next page
-	to move to a previous page until page 1, then back up a level

3 System Settings

This service is used to maintain the Adabas Vista configuration file.

System Settings Menu

▶ **To display the System Settings menu**

■ Select service 0 from the main menu.

```
11:10:19     ***** A D A B A S  VISTA SERVICES 8.1.2 *****          2006-05-29
                  -  System Settings  -                            V10000M1


                  Code    Service
                  ----    --------------------
                   1      LFILE 152 Maintenance
                   .      Exit
                  ----    --------------------
            Code..: _



 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help        Exit                                                  Menu
```

From this menu, you can	Service	Cmd
customize the use of the configuration file (LFILE 152)	0	0.1

Configuration File (LFILE 152) Maintenance

▶ **To customize the use of LFILE 152**

1 Select service 1 from System Settings menu or enter the command 0.1 on a command line.

```
+-------------------------------------------------------------+
| 18:24:45              LFILE 152 Maintenance        2006-05-29 |
|                                                    U1LFILM2   |
|                                                               |
| Current Settings for LFILE 152:                               |
|                                                               |
| Original LFILE = ( 152 , 135   ,  18    )                     |
|  Current LFILE = ( 152 , 135__ ,  18___ )                     |
|                  (effective only for this Natural session)    |
|                                                               |
| Default pop-up settings:                                      |
| Do you want to see this window again ?                        |
|                      - for the current SYSAVI session... Y    |
|                      - for future SYSAVI sessions....... Y    |
|                                                               |
|               PF3 Exit      PF5 Update/Confirm                |
|                                                               |
+-------------------------------------------------------------+
```

The LFILE 152 Maintenance window appears.

In the Original LFILE field, the database and file number are displayed for the Adabas Vista configuration file that was allocated to LFILE 152 at the start of your current SYSAVI session.

These values were allocated to LFILE 152 using the static Natural parameter `NTFILE ID=152,..` or the dynamic Natural parameter `LFILE=(152,..)`. For more information about specifying LFILE 152, see the installation instructions relevant to your operating system.

In the Current LFILE field, you can change the database and file number to access a different Adabas Vista configuration file.

2 Specify the new Adabas Vista configuration file database and file number, if necessary.

The LFILE 152 Maintenance window is displayed whenever an online services function is selected that accesses the Adabas Vista configuration file, making it possible for the user to access multiple configuration files from within a single Natural session.

3 Review the default settings.

You may choose to deactivate the LFILE 152 Maintenance window and thus the possibility of changing the Adabas Vista configuration file for just the current session or for all future sessions.

Regardless of the options you choose, you can always modify those choices by invoking the LFILE 152 Maintenance function from System Settings.

4   **Maintenance**

This service is used to define and maintain the rules and client runtime controls that are required by Adabas Vista.

Maintenance Menu

▶ **To display the Maintenance menu**

■ Select service 1 from the main menu.

> **Note:** The Current LFILE 152 Settings window may appear before the Maintenance menu. See the section **System Settings** for more information.

```
15:27:37        ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-18
                        -  Maintenance  -                             V11000M1


                    Code     Service
                    ----     ----------------------------
                     1       File Partitioning
                     2       File Translation
                     3       Client runtime controls
                     .       Exit
                    ----     ----------------------------
             Code..: _








 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                  Menu
```

From this menu, you can	Service	Cmd
Maintain partitioned files as described in the section **File Partitioning**.	1	1.1
Maintain file translation rules as described in the section **File Translation**.	2	1.2
Maintain client runtime controls as described in the section **Client Runtime Controls**.	3	1.3

File Partitioning

📄 **Note:** Partitioned file definitions, which tend to be static in comparison to translation rules, are not currently subject to generations and generation deltas. Generation and delta support is planned for partitioned files. When it is introduced, you will select a generation and delta to work with, in the same way as translation rules. For more information on generations and deltas, please refer to **File Translation**.

- List Partitioned Files
- Add (Define) a Partitioned File
- Display a Partitioned File Definition
- Modify a Partitioned File Definition
- Purge a Partitioned File Definition
- Maintain Partitions

List Partitioned Files

▶ **To list the files that have been defined as partitioned**

1   Select service 1 from the Maintenance menu or enter the command `1.1` on a command line.

```
18:41:24      ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-07-18
                    -  Maintain Partitioned Files  -              V11P00M1


 Reposition: Database: _____  File: _____
         Database/File/Name
 C  <--------- Source ---------->     Partitioning Field
 _        11     300    EMPL1          LAST-NAME
 _        11     301    VEHCL2         DATE-OF-MANUFACTURE
 _        11     302    EMPL3          AE   A 20
 _        11     303    VEHCL4         AG   U 4








 Mark with (D)ispl,(M)od,(P)urge,(C)opy,(E)xpand
 End of List
 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                Add         Menu
```

2   Each partitioned file is uniquely identified by a database number, and file number. In Natural systems, database and file numbers are defined in the DDM. The name is an optional field which you can use to help identify the partitioned file. If you provide a name, it must be unique.

3   Partitioning field shows the Adabas short name, format and length of the field used to distribute the data into the separate partitions. You can assign a logical name to this field which is shown instead of the short name, format and length.

4   Enter one of the following options in the C column to select an entry:

d	display
m	modify
p	purge
c	copy
e	expand

Add (Define) a Partitioned File

▶ **To add a partitioned file**

1   1. Press PF10 from the Maintain Partitioned Files screen to display the Add Partitioned File screen.

```
18:53:56      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-18
                        -  Add Partitioned File  -                    V11P10M1



 Source ... Database: 11___   File: 1____   Name: TESTFL1_ (optional)


   Partitioning Criteria .. Field Name ..... AA     (from
                                    Format ... A           Adabas
                                    Length ... 8____              FDT)
                               Display as ..... _____

     Options .. Command Limit ......... 0_____ (0=no limit)




 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add   Opt+                               Menu
```

2   Refer to section Parameters for detailed information about each input field.

3   If PF10 is pressed with the cursor on one of the partitioned files shown on the list screen, source information is taken from that definition. If the cursor is elsewhere on the screen when PF10 is pressed, there is no associated definition that can be used. In either case, new data may be specified in all fields on the screen.

4   Enter the source database and file number. An optional name may be defined for the partitioned file to make it easier to identify.

5   Enter the Adabas field information for the Partitioning Field.

     Refer to the parameter Partitioning Field for more information.

6   Specify a command limit, if required.

     Press PF6 to modify the default settings.

```
+------------------------------------------------------------------+
|  16:06:59           -  Additional Options  -          V11110M2   |
|                                                                  |
|     Partition ID Assignment....... VISTA                         |
|     Maximum number of Partitions.. 255                           |
|     ==> Default Partition TOPISN.. 16777215                      |
|                                                                  |
|     Enable ISN Positioning........ YES                           |
|     User Partition Concurrency.... 8    (max. active CIDs/user)  |
|     Store Control Option.......... 1                             |
|                                                                  |
|                          PF3 Return                              |
+------------------------------------------------------------------+
```

Refer to section Parameters for detailed information about each input field.

7   Press PF5 to add the partitioned file definition.

8   If you need to make changes to the file definition just added, select it from the list by marking column C with an "m".

9   Define the physical partitions that will make up this file.

    You have now defined the partitioned file, but you still need to define the physical partitions that will make up the file. You must define at least one physical partition to a partitioned file.

▶ **To define a partition**

■   Select the partitioned file from the list by marking column C with an "e" to "expand" the file and press PF10 to "add" a new partition.

    See the sections **List Partitions** and **Add Partition** for more information.

Display a Partitioned File Definition

▶ **To display a partitioned file definition**

■   Select it from the list by marking column C with a "d".

```
19:09:12      ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-07-18
                    -  Display Partitioned File  -            V11P20M1


                                 Last Modified: 2006-07-18 at 17:09:01 by UKSJU
                                        Added: 2006-07-18 at 17:09:01 by UKSJU


 Source ... Database: 11      File: 300     Name: EMPL1

    Partitioning Criteria .. Field Name ..... AE    (from
                                  Format ... A           Adabas
                                  Length ... 20               FDT)
                             Display as ..... LAST-NAME


     Options .. Command Limit ......... 0          (0=no limit)




 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help       Exit            Opt+                     Exp         Menu
```

▶ **To display the list of defined partitions**

■   Press PF10.

▶ **To display the additional options**

■   Press PF6.

Modify a Partitioned File Definition

▶ **To modify a partitioned file definition**

1   Select it from the list by marking column C with an "m".

```
19:10:26      ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-07-18
                      -  Modify Partitioned File  -              V11P30M1


                                  Last Modified: 2006-07-18 at 17:09:01 by UKSJU
                                         Added: 2006-07-18 at 17:09:01 by UKSJU

 Source ... Database: 11     File: 300    Name: EMPL1___

   Partitioning Criteria .. Field Name ..... AE    (from
                            Format ... A           Adabas
                            Length ... 20___           FDT)
                      Display as .... LAST-NAME_____

     Options .. Command Limit ......... 0_____ (0=no limit)




 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit        Upd   Opt+                     Exp         Menu
```

2   Make any necessary modifications.

3   Press PF6 to modify the additional options.

4   Press PF5 to confirm any modifications.

5   Press PF10 to list the defined partitions, which may then be modified, added to, or purged.

Purge a Partitioned File Definition

▶ **To purge a partitioned file definition**

1   Select it from the list by marking column C with a "p".

```
+--------------------------------------------------------------------------+
!  19:13:21                      Purge Profile                  V11P00M2  !
!                                                                          !
!                                                                          !
!  Source ... Database: 11     File: 300     Name: EMPL1           !       !
!                                                                          !
!                                                                          !
!                                                                          !
!                                                                          !
!                                                                          !
!                           PF3 Exit     PF5 Confirm                       !
!                                                                          !
!                                                                          !
+--------------------------------------------------------------------------+
```

2   Press PF5 to confirm the purge request.

Maintain Partitions

- List Partitions
- Add Partitions
- Display a Partition
- Modify a Partition
- Purge a Partition

List Partitions

▶ **To display the list of partitions defined to the partitioned file**

1   Select the partitioned file from the list on the Maintain Partitioned Files screen by marking column C with an "e":

```
09:39:57        ***** A D A B A S   VISTA SERVICES 8.1.2 *****          2006-07-19
                       -  Maintain Partitions  -                          V11P60M1


                                            Selection:  Partition Database: _____
                                                               File: _____
 Source ... Database: 11      File: 302     Name: EMPL3
                                                               Parts: 3
 C    Name  Database  File      Part ID    ACSI    Partitioning Field High Value
 _  PART0001    110     16           1     FYND    G999999999999999999
 _  PART0002    110     26           2     FYND    O999999999999999999
 _  PART0003     11    260           3     FYND    Z999999999999999999







 Mark with (D)isplay,(M)odify,(P)urge

 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help         Exit  Refr              Top              Add          Menu
```

2   Enter one of the following options in the C column to select an entry:

d	display
m	modify
p	purge

3   Each partition is identified by a database and file number that is used by Adabas Vista to direct a command in order to satisfy a request for data.

4   The Partition ID (Part ID) uniquely identifies a partition and, together with the Adabas ISN, forms the Adabas Vista ISN.

5   The field ACSI contains the partition options: Access, Critical, Shared Partition, Adabas TOPISN. In the case of Adabas TOPISN, a value of D means that the default TOPISN for the partitioned file is in use for that partition. A value of U means that the default TOPISN has been overridden.

6   The field Partitioning Field High Value is the highest value of the partitioning field that can reside in each partition.

7   Refer to section Parameters for detailed information about each input field.

8   You can use the selection fields to restrict the list to partitions on a given database, or database file.

Add Partitions

▶ **To add a new partition**

1   Press PF10 from the List Partitions screen to display the Add Partition screen.

```
09:43:09      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-19
                         -  Add Partition  -                          V11P61M1




 Source ... Database: 11     File: 302    Name: EMPL3


 PARTITION   Name: _____    Database: _____        File: _____

             Access .... FULL     Adabas TOPISN ..... 16777215__
             Critical .. YES      Shared Partition .. NO_

       Partitioning Field High Value ( A 20  )
   ===>                                                              <===
   ===>                                                              <===
   ===>                                                              <===
   ===>                                                              <===


 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
       Help        Exit        Upd                                       Menu
```

2   Enter the partition database and file number. You may specify an optional name for the partition to more easily identify it.

3   Review the default options supplied and then specify the highest value of the partitioning field that will reside on this partition.

     Refer to section Parameters for detailed information about each input field.

4   Press PF5 to add the partition and return to the partition list.

5   To make changes to the partition just added, select the entry from the list by marking column C with an "m".

Display a Partition

▶ **To display a partition**

■   Select it from the list by marking column C with a "d".

```
09:44:10       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-19
                         -  Display Partition  -                     V11P62M1


                           Last Modified: 2006-07-19 at 09:38:55 by UKSJU
                                  Added: 2006-07-19 at 09:38:55 by UKSJU


 Source ... Database: 11      File: 302     Name: EMPL3


 PARTITION   Name: PART0001   Database: 110       File: 16


            Access .... FULL      Adabas TOPISN ..... 16777215
            Critical .. YES       Shared Partition .. NO

       Partitioning Field High Value ( A 20   )
  ===> G9999999999999999999                                           <===
  ===>                                                                <===
  ===>                                                                <===
  ===>                                                                <===



 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                    Menu
```

Modify a Partition

▶ **To modify a partition**

1   Select it from the list by marking column C with a "m":

```
09:44:53        ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-19
                          -  Modify Partition  -                       V11P63M1


                                    Last Modified: 2006-07-19 at 09:38:55 by UKSJU
                                           Added: 2006-07-19 at 09:38:55 by UKSJU


  Source ... Database: 11      File: 302     Name: EMPL3


  PARTITION  Name: PART0001   Database: 110__    File: 16___


             Access .... FULL     Adabas TOPISN ..... 16777215__
             Critical .. YES      Shared Partition .. NO_

        Partitioning Field High Value ( A 20  )
   ===> G9999999999999999999                                            <===
   ===>                                                                 <===
   ===>                                                                 <===
   ===>                                                                 <===



 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Upd                                       Menu
```

2 Press PF5 to confirm any modifications.

Purge a Partition

▶ **To purge a partition**

1 Select it from the list by marking column C with a "p".

```
+-------------------------------------------------+
!  09:45:47       Purge Partition       V11P60M2  !
!                                                 !
!  Name: PART0001  Database: 110    File: 16      !
!                                                 !
!          PF3 Exit    PF5 Confirm                !
!                                                 !
+-------------------------------------------------+
```

2 Press PF5 to confirm the purge request.

File Translation

A number of simple steps are needed to perform configuration changes and to make the changes available to Adabas Vista enabled jobs.

For example, the steps involved in making a Translation File configuration change are as follows:

■ Select the File Translation maintenance option

■ Select (Expand) the generation of rules for which you wish to make the change (Add new generation if appropriate)

■ Select (Expand) the generation delta in which you wish to make the change (Add new generation delta if appropriate)

■ Select (Expand) the page in which you wish to make the change (Add new page if appropriate)

■ Make the configuration change required

■ Apply the generation delta to the base generation.

■ Activate the generation (only required if the generation is not the active one)

Refer to the following sections for more information about each of these steps.

- Generation Maintenance
- Generation Delta Maintenance
- File Translation Page Maintenance
- Translation Rule Maintenance
- Site Policies for Target Categories

Generation Maintenance

- List Generations
- Add Generation
- Browse Generation Configuration
- Activate Generation
- Expand Generation for Generation Delta Maintenance
- Display/Modify Generation
- Purge Generation

- Copy Generation

List Generations

▶ **To list the available generations**

1   Select service 1 from the Maintenance menu or enter the command `1.1` on a command line.

```
11:35:14      ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-05-29
                   -  Maintain Generations  -                     V11200M1

 C Generation Created            Activated             Status
 _  *STARTUP  2006-03-27 16:11:07  2006-03-27 16:11:07    Active

















 Mark with (B)rowse base generation,(A)ctivate,(E)xpand change deltas,
         (D)isplay,(M)odify,(P)urge,(C)opy

End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit  Refr                                  Add        Menu
```

2   Each generation is uniquely identified by an alphanumeric name of length 8 characters.

The date the generation was created and the date when the generation was last activated are shown on the list screen. A generation status is also shown. This may be Active, Inactive or Purge-deferred.

Adabas Vista runtime only executes against the Active generation.

3   Enter one of the following options in the C column to select an entry:

b	browse generation configuration
a	activate generation
e	expand generation for generation delta maintenance
d	display generation information
m	modify generation information
p	purge generation (and all rules)
c	copy generation (and all rules)

Note: The very first time you select the maintenance service from the main menu, Adabas Vista will determine if any generations are already defined. If so, these generation names will be inherited. If not, the generation name *STARTUP will be assigned to the initial generation created by the conversion of existing rules or by the initialization of a new configuration file.

Add Generation

▶ **To add a generation**

1   Press PF10 from the Maintain Generations screen.

```
12:17:30      ***** A D A B A S   VISTA SERVICES 8.1.2 *****         2006-05-29
                     -  Add Generation  -                           V11210M1


 Generation: CFG00001


 Description:
 CONFIGURATION CHANGE FOR ACCOUNTS DEPARTMENT - CHANGE NUMBER ACC/02/21A.
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____




 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                        Menu
```

2 Define a generation name of your choice. An optional description may be given – perhaps to describe the reason for the configuration change or to refer to your own internal change request identification.

3 Press PF5 to add the generation and return control to the maintenance list.

```
C Generation Created                Activated              Status
_   *STARTUP  2006-04-12 11:37:51  2006-04-12 11:37:51    Active
_   CFG00001  2006-04-12 12:23:15                         Inactive
```

A new generation is always added with a status of Inactive.

After a new generation has been added, its configuration content will consist of:

■ No Translation Rules

■ Automatically inherited copy of the Target Categories defined to the currently Active generation

■ No generation deltas

Browse Generation Configuration

▶ **To browse a generation's configuration**

■ Select it from the list by marking column C with a "b".

```
16:08:19        ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                          -  Maintain Pages  -                        V11T00M1
                                         Generation: CFG00001 Status: Inactive
Reposition to page: _____                                   Delta: DELTA001
C  Page Name    Description
_  *site
_  PAGE0001
_  PAGE0002
_  PAGE0003
_  PAGE0004
_  PAGE0005
_  PAGE0006
_  PAGE0007
_  PAGE0008




Mark with (D)isplay,(M)odify,(P)urge,(C)opy,(E)xpand
nd of List
Command ==>
nter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help         Exit  Refr                              Add   Site  Menu
```

The translation rule pages are listed. These are the rules that are actually in effect at runtime, if this is the active generation. The pages and rules may only be browsed. See **Expand Generation Delta** for more information on how to navigate the page and rule maintenance screens.

Activate Generation

▶ To activate a generation

1   Select it from the list by marking column C with an "a".

```
13:04:26             Activate Generation Configuration              V11260M1


 Activate Generation: CFG00001


 WARNING
 On confirmation of this activation request, any newly started job
 running with this configuration file will use the newly activated
 configuration.


 Any existing Active generation will be set to Inactive


                      PF3 Exit    PF5 Confirm

```

2   Press PF5 to confirm activation.

      The currently active generation will become Inactive.

      Note: The newly activated generation becomes immediately available for use by all sessions. Sessions that exist at the time the new generation is activated will only acknowledge the new generation when they reach a situation where there are no outstanding cursors (CIDs) and transactions because it is impossible to alter a target file (etc.) in the middle of these activities.

Expand Generation for Generation Delta Maintenance

▶ **To expand a generation for generation delta maintenance**

■   Select it from the list by marking column C with an "e".

      Refer to **Generation Delta Maintenance**.

Display/Modify Generation

▶ **To display/modify a generation**

1   Select it from the list by marking column C with a "d" or "m" as appropriate (example below is for modify).

```
 12:36:22       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                         - Modify Generation  -                        V11230M1

 Status: Inactive                Last Modified: 2006-04-12 at 12:23:15 by UKGXN
                                       Created: 2006-04-12 at 12:23:15 by UKGXN

 Generation: CFG00001
 Last Activated:

 Description:
 CONFIGURATION CHANGE FOR ACCOUNTS DEPARTMENT - CHANGE NUMBER ACC/03/21A.
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____


 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Upd                                         Menu
```

2   Make any necessary modifications and press PF5 to confirm (modify only).

    You may not modify the automatically created generation *STARTUP.

Purge Generation

▶ **To purge a generation**

1   Select it from the list by marking column C with a "p".

```
13:26:31                      Purge Generation Data                    V11240M1


 Purge all data for Generation: CFG00001


                  Mark
                        _ Run Purge process now
                        _ Defer Purge process




                           PF3 Exit    PF5 Confirm


```

2   There are two options for purge generation; the first will perform an immediate purge, the second allows the purge to be deferred (generation status is set to 'purge deferred').

3   Press PF5 to confirm the purge request.

For generations with large numbers of Partitioned and Translation files, it may be preferable to use the purge deferred option to indicate the intention to purge and then to actually perform the purge at an appropriate time. This is due to the amount of configuration file activity necessary to purge large numbers of Partitioned and Translation files.

Once a generation is in 'purge deferred' status, the only way to recover maintainability to it is to perform a copy to a new generation name.

Copy Generation

▶ **To copy a generation**

1   Select it from the list by marking column C with a "c".

```
13:50:10                     Copy Generation Data                     V11250M1

 Copy all data for Generation: CFG00001

                 to Generation: _____




                        PF3 Exit    PF5 Confirm
```

2   Define a new generation name of your choice.

3   Press PF5 to confirm the copy request.

4   A new generation description may be provided by using the modify option.

The newly copied generation is always created with a status of Inactive.

After the copy, the configuration content of the newly created generation will consist of:

▪ A copy of any base generation Partitioned Files

▪ A copy of any base generation Translation Files

▪ A copy of any base generation Target Categories

▪ A copy of any generation deltas and their configuration changes

Generation Delta Maintenance

- Delta Locking
- List Generation Deltas
- Add Generation Delta
- Display/Modify Generation Delta
- Purge Generation Delta
- Copy Generation Delta
- Apply Generation Delta

■ Expand Generation Delta

Delta Locking

To prevent inconsistent modifications in a delta, Adabas Vista implements a delta locking mechanism based on the Natural *USER system variable. You may only make modifications in a delta, or apply or purge the delta if either:

■ the delta is not currently locked, or

■ the delta is locked by you. That is, the delta owner matches the current value of *USER.

If you attempt to apply, purge or make modifications in a delta locked by someone else, the following warning appears

```
+----------------------------------------------------------------+
|  17:31:21                 Delta Lock Details          2008-05-22 |
|                                                       V1DELOM1   |
|                                                                  |
|  Delta DELTA001 was locked by UKSJU     at 17:27:58 on          |
|  2008-05-22 in job/transaction NAT42     with comment:          |
|  PAYROLL CHANGE IN PROGRESS - CHANGE ACC/03/21A                 |
|                                                                  |
|  You cannot make any modifications in this delta unless you     |
|  reset the lock by marking: _ and pressing PF5.                 |
|  Optional comment when resetting the lock:                      |
|  _____                  |
|                                                                  |
|  Warning: Do not reset the lock unless you are sure that the    |
|  other party has failed to release it or is in full             |
|  agreement that their ownership is to be transferred.           |
|  Otherwise, unpredictable results will occur.                   |
|                                                                  |
|                  PF3 Exit    PF5 Reset                          |
|                                                                  |
+----------------------------------------------------------------+
```

This screen shows information about who locked the delta and when. It also shows the comment entered by that user when they locked the delta. If necessary, you can take ownership of the delta by marking the indicated field, entering an optional comment and pressing PF5. This must only be done when the other party is known to have permanently given up their existing lock otherwise unpredictable results will occur.

For example:

```
+------------------------------------------------------------+
| 17:33:11              Delta Lock Details        2008-05-22 |
|                                                 V1DELOM1    |
|                                                            |
| Delta DELTA001 was locked by UKSJU    at 17:27:58 on       |
| 2008-05-22 in job/transaction NAT31    with comment:       |
| PAYROLL CHANGE IN PROGRESS - CHANGE ACC/03/21A             |
|                                                            |
| You cannot make any modifications in this delta unless you |
| reset the lock by marking: X and pressing PF5.             |
| Optional comment when resetting the lock:                  |
| TAKE OVER PAYROLL CHANGE ACC/03/21A_____        |
|                                                            |
| Warning: Do not reset the lock unless you are sure that the|
| other party has failed to release it or is in full         |
| agreement that their ownership is to be transferred.       |
| Otherwise, unpredictable results will occur.               |
|                                                            |
|                   PF3 Exit    PF5 Reset                    |
|                                                            |
+------------------------------------------------------------+
```

You can now make the necessary changes in this delta.

When you exit maintenance the following screen appears:

```
+------------------------------------------------------------+
| 17:43:16              Delta Lock Details        2008-05-22 |
|                                                 V1DELOM2    |
|                                                            |
| Delta DELTA001 was locked by you at 17:39:42 on 2008-05-22 |
| in job/transaction NAT42                                   |
| Enter Y to retain the lock or N to release it: _ and press |
| PF5 to confirm.                                            |
| If you retain the lock, only you can modify the delta. If  |
| you release the lock, the delta is available for someone   |
| else to make modifications in it.                          |
| Optional comment (when retaining the lock):                |
| CONTINUE PAYROLL CHANGE ACC/03/21A_____         |
|                                                            |
|                   PF5 Confirm                              |
|                                                            |
+------------------------------------------------------------+
```

This screen allows you to choose between:

■ retaining the lock, so that no-one else can apply, purge or make modifications in the delta without resetting the lock, as above

■ releasing the lock, so that the delta is available for anyone else to apply, purge or modify

List Generation Deltas

▶ **To list the available generation deltas**

1   Select it from the Generation Maintenance list by marking column C with an "e".

```
14:11:07       ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-04-12
                    -  Maintain Generation Deltas  -              V11270M1
                                          Generation: CFG00001 Status: Inactive
 C Delta




















 Mark with (D)isplay,(M)odify,(P)urge,(C)opy,(A)pply,(E)xpand

End of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help          Exit  Refr                               Add          Menu
```

2   Each generation delta is uniquely identified by an alphanumeric name of length 8 characters.

3   Enter one of the following options in the C column to select an entry:

d	display generation delta
m	modify generation delta
p	purge generation delta (and all changes)
c	copy generation delta (and all changes)
a	apply generation delta to base generation
e	expand generation delta for rule maintenance

    Note: The first time you "expand" a generation in order to list generation deltas, you will be directed to the Add Generation Delta screen. You can choose to add one or not. This

automatic direction is only done once - all subsequent expansions of that generation will be directed to the generation delta list screen.

Add Generation Delta

▶ **To add a generation delta**

1   Press PF10 from the Maintain Generation Deltas screen.

```
15:07:04      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                    -  Add Generation Delta  -                      V11271M1
                                        Generation: CFG00001 Status: Inactive
    Delta: DELTA001


    Description:
    PAYROLL CHANGE IN PROGRESS                    - CHANGE NUMBER ACC/03/21A.
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____




    Command ==>
    Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
         Help        Exit       Add                                       Menu
```

2   Define a generation delta name of your choice. An optional description may be given – perhaps to describe the reason for this particular change or to refer to your own internal change request identification.

3   Press PF5 to add the generation delta and return control to the maintenance list.

```
                                       Generation: CFG00001 Status: Inactive
C Delta
_ DELTA001
```

Display/Modify Generation Delta

▶ **To display/modify a generation delta**

1   Select it from the list by marking column C with a "d" or "m" as appropriate (example below
     is for modify).

```
14:47:53       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                      - Modify Generation Delta   -               V11273M1
                                       Generation: CFG00001 Status: Inactive

 Status: In use               Last Modified: 2006-04-12 at 14:37:53 by UKGXN
                                     Created: 2006-04-12 at 14:37:53 by UKGXN


 Delta: DELTA001

 Description:
 PAYROLL CHANGE IN PROGRESS                     - CHANGE NUMBER ACC/03/21A.    ↵

 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____
 _____

 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Upd                                        Menu
```

2   Make any necessary modifications and press PF5 to confirm (modify only).

Purge Generation Delta

▶ **To purge a generation delta**

1   Select it from the list by marking column C with a "p".

```
14:52:02                  Purge Generation Delta                 V11274M1

 Purge Delta DELTA001 of Generation: CFG00001

 All modifications contained in this delta will also be purged.

 If this is the last delta for this generation, any outstanding changes to
 target policy will be discarded too.




                      PF3 Exit    PF5 Confirm

```

2   Press PF5 to confirm the purge request.

If you are purging the last generation delta for a particular generation then any changes made to Target Categories and their policies will be purged too.

Copy Generation Delta

▶ **To copy a generation delta**

1   Select it from the list by marking column C with a "c".

```
14:58:09                  Copy Generation Delta                  V11275M1

 Copy from Delta DELTA001 of Generation: CFG00001
       to Delta _____

 All modifications contained in this delta will also be copied




                      PF3 Exit    PF5 Confirm

```

2   Define a new generation delta name of your choice.

3   Press PF5 to confirm the copy request.

4   A new generation delta description may be provided by using the modify option.

Apply Generation Delta

▶ **To apply a generation delta to the base generation**

1   Select it from the list by marking column C with an "a".

```
15:00:27                    Apply Generation Delta                 V11276M1

 Apply Delta DELTA001 to Generation: CFG00001

 Mark _ to retain the Delta




                        PF3 Exit    PF5 Confirm

```

2   Press PF5 to confirm application.

The configuration changes in this generation delta will be applied to the base generation. An option is available for the generation delta to be retained instead of deleted (the default).

      Note: If the affected base generation is the currently active generation, the modified active
      generation becomes immediately available for use by all sessions. Sessions that exist at the
      time the generation is modified will only acknowledge the modifications when they reach
      a situation where there are no outstanding cursors (CIDs) and transactions because it is
      impossible to alter a target file (etc.) in the middle of these activities.

Expand Generation Delta

▶ **To expand a generation delta for rule maintenance**

1   Select it from the list by marking column C with an "e".

```
16:08:19       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                            -  Maintain Pages  -                       V11T00M1
                                            Generation: CFG00001 Status: Inactive
Reposition to page: _____                                     Delta: DELTA001
C  Page Name    Description
_  *site
_  PAGE0001
_  PAGE0002
_  PAGE0003
_  PAGE0004
_  PAGE0005
_  PAGE0006
_  PAGE0007
_  PAGE0008




Mark with (D)isplay,(M)odify,(P)urge,(C)opy,(E)xpand
nd of List
Command ==>
nter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
    Help          Exit  Refr                               Add   Site  Menu
```

This lists the available file translation pages.

Each file translation page is uniquely identified by an alphanumeric name of length 8 characters.

2   Enter one of the following options in the C column to select an entry:

d	display file translation page
m	modify file translation page
p	purge file translation page (and all rules within)
c	copy file translation page (and all rules within)
e	expand file translation page for rule maintenance

📄 **Note:** The page list displays the pages defined to the base generation in addition to any new pages added to the current generation delta. Changes staged in the current generation delta are highlighted.

PF11 is used to access the **Site Policies for Target Categories** maintenance screen.

File Translation Page Maintenance

- Add File Translation Page
- Display/Modify File Translation Page
- Purge File Translation Page
- Copy File Translation Page
- Expand File Translation Page

Add File Translation Page

▶ **To add a file translation page**

1   Press PF10 from the Maintain File Translation Pages screen.

```
 16:09:16        ***** A D A B A S   VISTA SERVICES 8.1.2 *****         2006-04-12
                              -  Add Page  -                            V11T10M1
                                         Generation: CFG00001 Status: Inactive
                                                            Delta: DELTA001


  Specify Page Name: PAGE0009




  Description: _____






 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
       Help        Exit        Add                                        Menu
```

2   Define a page name of your choice. An optional description may be given.

Any number of pages can be defined. In order to make translation file rules available to Adabas Vista enabled jobs, the client runtime controls for those jobs must specify the appropriate page name(s) within which are the required translation file rules to be effective for each job. For those translation file rules that are required for all Adabas Vista enabled jobs then a mandatory page can be defined. This page is called '*site' and is always checked at runtime.

If no *site page is defined the add screen above has an extra line as follows:

```
Specify Page Name: _____
      or mark here: _ in order to establish a system-wide mandatory page
```

3   Press PF5 to add the page and return control to the maintenance list.

```
C  Page Name    Description
_  *site
_  PAGE0001
_  PAGE0002
_  PAGE0003
_  PAGE0004
_  PAGE0005
_  PAGE0006
_  PAGE0007
_  PAGE0008
_  PAGE0009
```

Note: The newly added PAGE0009 is highlighted to indicate that this page is currently staged in the current generation delta.

Display/Modify File Translation Page

▶ **To display/modify a file translation page**

1   Select it from the list by marking column C with a "d" or "m" as appropriate (example below is for modify).

```
16:39:39      ***** A D A B A S   VISTA SERVICES 8.1.2 *****      2006-04-12
                           -  Modify Page  -                      V11T30M1
                                        Generation: CFG00001 Status: Inactive
                                                              Delta: DELTA001
 Page Name   : PAGE0009        Last modified 2006-04-12 at 16:11:06 by UKGXN
                                       Added 2006-04-12 at 16:11:06 by UKGXN




 Description: _____




 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
       Help        Exit        Upd                                       Menu
```

2   Make any necessary modifications and press PF5 to confirm (modify only).

Purge File Translation Page

▶ **To purge a file translation page**

1   Select it from the list by marking column C with a "p".

```
16:42:31      Purge     2006-04-12
              Page       V11T40M1



 Page Name: PAGE0009



All translation rules in this
page will also be purged.

   ***********************
   *  PF5 to Confirm Purge *
   ***********************



Command ==>
      PF1 Help    PF3 Exit
```

2 Press PF5 to confirm the purge request.

Copy File Translation Page

▶ **To copy a file translation page**

1 Select it from the list by marking column C with a "c".

```
16:43:27      Copy      2006-04-12
              Page       V11T60M1


 Page Name: PAGE0009

   Copy to: _____

All translation rules will also
be copied to the new page.

   ***********************
   *  PF5 to Confirm Copy *
   ***********************



Command ==>
      PF1 Help    PF3 Exit
```

2   Define a new page name of your choice.

3   Press PF5 to confirm the copy request.

4   A new page name description may be provided by using the modify option.

Expand File Translation Page

▶ **To expand a file translation page**

■   Select it from the list by marking column C with an "e".

    Refer to **Translation Rule Maintenance**.

Translation Rule Maintenance

- Translation Rules
- List Translation Rules
- Add a Translation Rule
- Display/Modify a Translation Rule
- Purge a Translation Rule
- Copy a Translation Rule

Translation Rules

A *translation rule* is used by Adabas Vista to re-direct a command issued against a source file to a target file. The source file is identified by a source database and file number.

■ The source database and file number identifies the file to the application. In Natural systems, this is the database and file number defined in the DDM.

■ The target database and file number indicate where a qualified command is to be directed.

Translation rules are defined within pages. Within each page a source file can have a number of different targets, one for each defined Target Category. Refer to **Target Categories** for more information.

List Translation Rules

▶ **To display a list of translation rules**

1   Select it from the File Translation Page list by marking column C with an "e".

```
17:06:40       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                   -  Maintain Translation Rules  -              V11T60M1
 Page Name: PAGE0009                           Generation: CFG00001 Status: Inactive
 Reposition: Database: _____   File: _____                    Delta: DELTA001
    Database/File       Translated database/file (or redirect)...
    <---Source-->      <---TEST-->   <----QA--->   <-PRE-PROD>   <---PROD-->
 C
 _      11    259          12    259        -       -        -       -        -       -














 Mark with (D)isplay,(M)odify,(P)urge,(C)opy
 End of List
  Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                              Add        Menu
```

2   Enter one of the following options in the C column to select a translation rule:

d	display
m	modify
p	purge
c	copy

Add a Translation Rule

▶ **To add a new translation rule**

1   Press PF10 from the Maintain Translation Rules screen to display the Add Translate Rule screen.

```
17:13:05      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                       -  Add Translation Rule  -                    V11T61M1
 Page Name: PAGE0009                         Generation: CFG00001 Status: Inactive
                                                             Delta: DELTA001


 Source ... Database: 1____   File: 0____

          Mandatory/ <-- Target Information ---> Or      Command        User
          Priority  Database File (or Redirect) None      limit         Info
 TEST      N  0____     2____  0____   _____    _      0_____  _____
 QA        _  0____     _____  0____   _____    _      0_____  _____
 PRE-PROD  _  0____     _____  0____   _____    _      0_____  _____
 PROD      _  0____     _____  0____   _____    _      0_____  _____ ↵




 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                         Menu
```

2   Enter the source database and file number and, for each target category (as required), the
    target database and file number.

    A source and target file number of zero indicates that the translation rule applies to all files
    for the source database number. If such a rule exists and a rule also exists for a specific file
    with the same source database number, then the file rule will override the "all-files" rule.

    In the example screen, any Adabas Vista enabled job with PAGE0009 defined in its runtime
    controls and running with a Target Category of TEST will cause any access to database 1 to
    be translated to database 2.

    Refer to Translation Parameters for more information on the available options.

3   Press PF5 to add the translation rule definition.

4   To make changes to the rule just added, select the rule from the list by marking column C
    with an "m".

Display/Modify a Translation Rule

▶ **To display/modify a file translation rule**

1   Select it from the list by marking column C with a "d" or "m" as appropriate (example below
     is for modify).

```
17:19:34      ***** A D A B A S   VISTA SERVICES 8.1.2 *****         2006-04-12
                     -  Modify Translation Rule  -              V11T63M1
 Page Name: PAGE0009                        Generation: CFG00001 Status: Inactive
                                                            Delta: DELTA001
                               Last modified 2006-04-12 at 17:18:17 by UKGXN
                                       Added 2006-04-12 at 17:18:17 by UKGXN


 Source ... Database: 1      File: 1


        Mandatory/ <-- Target Information ---> Or      Command        User
        Priority  Database File (or Redirect) None      limit         Info
 TEST     N  0____     1____   10___   _____    _     0_____   _____
 QA       _  0____     _____    0____  _____    _     0_____   _____
 PRE-PROD _  0____     _____    0____  _____    _     0_____   _____
 PROD     _  0____     _____    0____  _____    _     0_____   _____  ↵




 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit       Upd                                         Menu
```

2   Press PF5 to confirm any modifications (modify only).

3   Refer to Translation Parameters for more information on the available options.

Purge a Translation Rule

▶ **To purge a translation rule**

1   Select it from the list by marking column C with "p".

```
15:46:52             Purge Translation Rule            V11T60M2


        Source ... Database: 1      File: 1






                  PF3 Exit     PF5 Confirm
```

2   Press PF5 to confirm the purge request.

Copy a Translation Rule

▶ **To copy a translation rule**

1   Select it from the list by marking column C with "c".

```
17:23:31      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-12
                   -  Copy Translation Rule  -             V11T64M1
                                         Generation: CFG00001 Status: Inactive
 Page Name: PAGE0009                                         Delta: DELTA001

  FROM:
  Source ... Database: 1      File: 1


  TO:
  Source ... Database: 1____   File: 1____
  Page Name: PAGE0009









 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit        Copy                                      Menu
```

2   Specify (as appropriate) a new database and file number and Page name.

3   Press PF5 to confirm the copy request

Any validation processing performed as a result of the copy is identical to that of an Add Translation rule request.

Site Policies for Target Categories

- Target Categories
- List Target Categories
- Add a Target Category
- Display/Modify a Target Category
- Purge a Target Category

Target Categories

For information on the purpose and usage of target categories, see section Target Categories.

List Target Categories

▶ **To display a list of target categories**

1 Press PF11 (Site) from the Maintain File Translation Pages screen

```
18:04:13        ***** A D A B A S   VISTA SERVICES 8.1.2 *****         2006-04-12
                  -  Site Policies for Target Categories  -         V11C00M1
                                              Generation: CFG00001 Status: Inactive
     Target                                                      Delta: DELTA001
  C  Category      First-level Null Definition Policy                          ↵

  _  TEST          Allow
  _  QA            Allow
  _  PRE-PROD      Allow
  _  PROD          Allow











  Mark with (D)isplay,(M)odify,(P)urge,(A)fter,(B)efore


Top of List
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                    Menu
```

2	Enter one of the following options in the C column:

d	display
m	modify
p	purge
a	after
b	before

Add a Target Category

▶ **To add a new target category**

1	Select the position in the list where the new Target Category is to be inserted by marking column C with an "a" or "b" as appropriate.

```
18:06:23                    Add Target Category                    V11C10M1


 Target Category: _____

    Enter the name of the new target category, which must not already
    exist. Adding a new target category causes all translation rules in
    all modification deltas for the current generation to be updated.
    This may be a long-running process. You are strongly advised to add
    or purge target categories for the generation before making any
    changes to its translation rules.


                        PF3 Exit    PF5 Confirm
```

2	Enter the new target category.

3	Press PF5 to confirm the add.

4	To make changes to the target category just added, select it from the list by marking column C with an "m".

Display/Modify a Target Category

▶ **To display/modify a target category**

1   Select it from the list by marking column C with a "d" or "m" as appropriate (example below is for modify).

```
15:54:32      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-19
                     - Modify Target Category  -              V11C30M1
                                          Generation: *STARTUP Status: Active
                                                            Delta: DELTA001
 Target Category: QA          Last Modified: 2006-07-14 at 18:53:02 by UKSJU
                                     Added: 2006-07-14 at 16:43:49 by UKSJU
 Description  :
 Command limit: 0_____ (0=no limit)
 Category adjustment policy (mark one only):
       X   allow a rule in a page to change (redirect) category
           (default is 'yes', only the first replacement during the page
           merge is taken)
       _   reject with response 249, subcode 107
 First-level null definition policy (mark one only):
       X   allow calls for which no rules exist (default)
       _   reject with response 249, subcode 106 at end of page-merge
       _   use the rule from category _____
 Second-level null definition policy (mark one only):
       X   allow calls for which no rules exist (default)
       _   reject with response 249, subcode 108 at end of page-merge

 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Upd                                      Menu
```

2   Press PF5 to confirm any modifications. (only for modify).

3   Refer to Target Category Parameters for more information on the available options.

Purge a Target Category

▶ **To purge a target category**

1   Select it from the list by marking column C with a "p".

```
18:15:01               Purge Target Category                V11C40M1

 Target Category: PRE-PROD

    Purging a target category causes all translation rules in all
    modification deltas for the current generation to be updated.
    This may be a long-running process. You are strongly advised to add
    or purge target categories for the generation before making any
    changes to its translation rules.



                       PF3 Exit    PF5 Confirm
```

2   Press PF5 to confirm the purge request.

Client Runtime Controls

An Adabas Vista job is uniquely identified by a job type and job name. Runtime controls are defined to influence the job's operation.

> **Note:** Adabas Vista can be installed in all client jobs, but will remain inactive until a Vista runtime control is defined for the job. This enables an installation to deploy Vista in advance of their actual use in a job. It also enables the use of a common library set between jobs that use Vista and those that do not.

> **Note:** See section Parameters for a complete description of all runtime controls.

- Maintain Client Runtime Controls
- Maintain Client Runtime Control Overrides

Maintain Client Runtime Controls

▶ **To display a list of client runtime controls**

1   Select service 2 from the Maintenance menu or enter the command 1.2 on the command line.

```
17:36:21          ***** A D A B A S   VISTA SERVICES 8.1.2 *****           2006-04-12
                        -  Client Runtime Controls  -               U11300M1
                                                   Reposition to Type: _____
                                                               Name: _____
                               Client Controls
   C Type           Name        AFP   AVI   ATM   COR        Comments
   _ Batch          VI81J007            Y          Y
   _                VI81J008            Y          Y




   Mark with Display,Expand,Modify,Purge,Rename,Copy,Overrides,Information      ↵

   End of List
    Command ==>
   Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
        Help         Exit  Refr                                Add   Prods Menu
```

2   This screen lists the runtime controls that have been defined for all Adabas Add-on products
     that share the same configuration file and indicates which job has runtime controls defined
     for which product.

3   To position within the list, enter the job type and name in the fields in the top right area of
     the screen.

4   PF11 allows you to maintain the runtime controls for any product from any product's online
     system.

5   Enter one of the following options in the C column to select an entry

d	display
w	expand
m	modify
p	purge
r	rename
c	copy
o	overrides
i	site information

- Add a Runtime Control
- Display/Modify Runtime Control
- Expand Runtime Control
- Purge a Runtime Control
- Rename a Runtime Control
- Copy a Runtime Control
- Maintain Site Information

Add a Runtime Control

▶ **To add a new runtime control**

1 Press PF10 from the Client Runtime Controls screen.

```
14:36:48   ***** A D A B A S   VISTA SERVICES 8.1.2 (I004) *****   2008-05-22
                  -  Add Client Runtime Control  -             U11310M1


 Select (mark one) :
                        _ Batch
                        _ COM-PLETE
                        _ CICS (DTR - Dynamic transaction routing)
                        _ CICS (Standard)
                        _ IMS (DTR)
                        _ UTM (DTR)
                        _ TSO
                        _ CMS
                        _ TIAM
                        _ more choices for type or

                        _ API controlled - type 1
                        _ API controlled - type 2




 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                  Menu
```

2 Mark the type of job required.

Each different job type has a different characteristic: it is important to select the correct type.

> **Note:** Select the job type "CICS (Standard)" if CICS/MRO is to be used without dynamic transaction routing or for other CICS environments. Select the job type "CICS (DTR – Dynamic Transaction Routing)" if CICS/MRO is to be used with dynamic transaction routing.

3   If you mark the selection "more choices for type", another selection window will appear with additional job types. If you need to use any of these, contact Software AG for advice.

If you mark either of the API controlled types, you can define a set of runtime controls which can be activated dynamically by API. You must enable API overrides for any job where you want to use this API definition and name it in the job's list of permissible APIs.

> **Note:** Dynamically activated API runtime controls are not yet available.

4   After selecting a job type, press Enter.

```
11:14:14        ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2007-02-13
                    -  Add Client Runtime Control  -                  U11310M3


        Type: Batch
        Name: VI81J009 (* for default controls for this type)


 This is a standard type of runtime.












Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                         Menu
```

5   Enter a job name in the resulting screen.

It is possible to enter one or more asterisks (*) to indicate a wild card. For example, the runtime control with the name CICS**PR is found by any job with the name CICS in positions 1-4 and PR in positions 7-8, no matter what the characters are in positions 5-6. If an asterisk (*) is the last character in a job name, the remainder of positions in the name through the eighth are padded with asterisks.

The initial runtime control values set up for the new job are copied from those specified in the *DEFAULT entry for the selected job type.

If no default entry exists for the job type, then Adabas Vista product default values are used.

Runtime controls are always matched on type. The order of search within type is

1. Match on exact job name.

2. Match on wild card definitions.

3. Use the default for the job type, if one has been defined.

Note that the number of wild card job names defined for a job type has a direct effect on the number of Adabas commands needed to establish the runtime controls at initialization. This is particularly relevant to batch jobs that process relatively few Adabas commands.

6   To create a default runtime control, select the appropriate job type and enter a "*" as the name.

> **Note:** A specific job runtime control overrides any default runtime control for the same job type.

7   Use PF5 to continue.

```
11:24:12        ***** A D A B A S   VISTA SERVICES 8.1.2 *****         2007-02-13
                  -  System Coordinator Runtime Controls   -          U11310M5
                                          Operation mode (mark one):
Type: Batch                                   Use normal autodetect approach: X
Name: VI81J009                                 Enable COR even if no products: _
                                          Disable all products including COR: _
General Settings
    Estimated Client Sessions: 2_____ API runtime overrides..: N (Y/N)
    Memory pool extents (k)..: 256_
    Use additional exits.....: N (Y/N)
    Maximum idle time (sec)..: _____




 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
     Help        Exit       Add                                          Menu
```

8   If no Adabas System Coordinator runtime controls are defined for this job name, you must define them now. Please refer to the Adabas System Coordinator documentation for an explanantion of these (and additional optional) runtime controls. You can subsequently modify these if required.

9   Use PF5 to continue.

```
 11:28:03      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2007-02-13
                   -  Adabas Vista Runtime Controls  -            U1133VM1
 Type: Batch
 Name: VI81J009                     Last modified 2007-02-13 at 11:28:03 by UKGXN
                                          Added 2007-02-13 at 11:28:03 by UKGXN


                                      Vista ON/OFF for Job ...... ON_

          Database number for ET-Data ................ 0____
          Enable Multiple Database Updates .......... YES
          Global Format IDs     Natural... YES  3GL... NO_
          Distributed Lock Mode ..................... 0
          Error Response Code (ADARSPnnn) ........... 249
          Trace Activation .............. NO_  Cmds.. 128__
          Error Reporting WTO ....................... NO_
          Command Time (Hex.) ....................... 00000000
          Extended Hold ............................. MINIMUM
          Mask OP/RSP148 .. YES   Result data:  ISQ.. 07040400  ADDS4.. 740000
          Origin CID transport: In ACBUSER: N or in UB: N hex offset: 0000    ↵
                                                                              ↵



  Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
       Help        Exit        Upd                       More              Menu
```

10 These runtime controls are pulled from the *DEFAULT entry for the selected job type - if such an entry doesn't exist, the product default values are used.

11 Use PF9 for an additional controls screen and to define the file translation pages to be referenced by this job:

```
11:17:54   ***** A D A B A S   VISTA SERVICES 8.1.2 (I008) *****    2009-01-15
                   -  Adabas Vista Runtime Controls  -            U1133VMP
 Type: Batch
 Name: VI81J009                     Last modified 2008-07-16 at 13:24:09 by UKGXN
                                           Added 2005-10-05 at 15:49:49 by UKGXN
 Mode: *DEFAULT


 Permissible pages for this runtime, in order of preference:


 *site              _____    _____    _____    _____
                    _____    _____    _____    _____



 Convergence processing controls:
     CL commands (mark one) X Dilute to RC on demand (default)
                            _ Only honor when ETID is used
                            _ Always honor
                            _ Only reject when ETID is used
                            _ Always reject (RSP249/22)



                        PF3 Return   PF9 Check
```

12 You now need to define the mode (or Target Category) under which this job will run and any file translation pages which must be referenced for it's correct operation.

13 If a *site page exists, then all jobs will automatically reference this file translation page. The existence of this page is identified by "*site" displayed on the screen.

14 If this job needs to also reference other file translation pages for correct operation, these pages should be specified here. The order they are defined in is the search order used by Adabas Vista to resolve any source files to their approppriate translation targets.

15 PF9 provides an optional check facility if you wish to confirm that the pages you define here actually do exist. In addition, at runtime, a policy can be defined in order to control Adabas Vista's runtime processing if it determines that a defined page does not exist.

16 For more information refer to the Pages runtime control.

17 Use PF3 to return to the main runtime controls screen and use PF5 to complete the process.

Display/Modify Runtime Control

▶ **to display/modify a runtime control**

1   Select it from the list by marking column C with a "d" or "m" as appropriate (example below
     is for modify).

```
11:40:15      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2007-02-13
                 -  Adabas Vista Runtime Controls  -              U1132VM1
 Type: Batch
 Name: VI81J009                  Last modified 2007-02-13 at 11:36:07 by UKGXN
                                       Added 2007-02-13 at 11:36:07 by UKGXN


                                    Vista ON/OFF for Job ...... ON

         Database number for ET-Data ............... 0
         Enable Multiple Database Updates .......... YES
         Global Format IDs:   Natural... YES  3GL... NO
         Distributed Lock Mode ..................... 0
         Error Response Code (ADARSPnnn) ........... 249
         Trace Activation .............. NO   Cmds.. 128
         Error Reporting WTO ....................... NO
         Command Time (Hex.) ....................... 00000000
         Extended Hold ............................. MINIMUM
         Mask OP/RSP148 .. YES   Result data:  ISQ.. 07040400  ADDS4.. 740000
         Origin CID transport: In ACBUSER: N or in UB: N hex offset: 0000     ↵




 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit                                  More            Menu
```

2   Make any necessary modifications (modify only).

3   Use PF9 for an additional controls screen which includes the mode (Target Category) and file
     translation pages used by this job.

4   Press PF5 to confirm (modify only).

Expand Runtime Control

▶ **to expand a runtime control**

1   Select it from the list by marking column C with an "e".

```
16:18:28       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-19
                   -  Client Runtime Service Members  -              U11390M1

      Job type: CICS (DTR)
   Service name: CICCLUST
               C Name                                    Comments












 Mark with Purge,Rename
No records found for selection
 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help         Exit  Refr                                Add          Menu
```

2   Expand is only relevant for DTR definitions. Expand allows you to define which jobs comprise
     that DTR service. Use PF10 to add a job. You can subsequently purge or rename it by marking
     it with P or R. For more information please refer to the Adabas System Coordinator document-
     ation.

Purge a Runtime Control

▶ **to purge a runtime control**

1   Select it from the list by marking column C with a "p".

```
 11:46:50     Purge      2007-02-13
        Runtime Control U11340M1


    Type: Batch
    Name: VIAP3000


    _    All
    _    Vista




   Mark Product(s) to purge or All
    (Overrides will also be purged)
  Command ==>
  PF1 Help    PF3 Exit    PF5 Purge
```

2   Mark which products runtime controls you wish to purge.

3   Press PF5 to confirm

Rename a Runtime Control

▶ **to rename a runtime control**

1   Select it from the list by marking column C with a "r".

```
 11:24:21     Rename      2006-04-24
        Runtime Control U11350M1


        Job Type: Batch
        Job Name: VI81J000

        New Name: _____




   Press PF5 to confirm rename

  Command ==>
  PF1 Help    PF3 Exit    PF5 Rename  ↵
```

2   Specify the new job name.

3   Press PF5 to confirm

Copy a Runtime Control

▶ **to copy a runtime control**

1   Select it from the list by marking column C with a "c".

```
 11:25:37      Copy          2006-04-24
           Runtime Control U11360M1

           Type: Batch
           Name: VI81J000

           _ All
           _ Vista


    Mark Product(s) to copy or All

    Copy to job ..: _____
    Copy Overrides: N (Y/N - All)


 Command ==>
  PF1 Help    PF3 Exit    PF5 Copy   ↵
```

2   Mark which products runtime controls you wish to copy.

3   Specify the job name to which these runtime controls will be copied.

4   If you select All, you may also copy any defined overrides by entering Y against Copy Over-rides.

5   Press PF5 to confirm

Maintain Site Information

▶ **To maintain site information**

1   Select it from the list by marking column C with a "i".

```
11:30:30       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-24
               - Client Runtime Controls Site Information  -         U11370M1

Type: Batch
Name: VI81J000

Site Information
----------------

_____
_____
_____


You may define up to 256 bytes of alphanumeric data (site information), which
is stored with this runtime control definition and may be retrieved at runtime
using the documented API.



Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit        Add                                         Menu
```

2   Press PF5 to confirm.

Maintain Client Runtime Control Overrides

▶ **to list runtime control overrides**

1   Select it from the Runtime Control maintenance list by marking column C with an 'o'.

```
11:41:44       ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-04-24
               - Client Runtime Controls Override Summary  -         U11380M1

Type: Batch          Name: VI81J001

                           Overrides
C Type           Name         AFP   AVI   ATM   COR        Comments
_ Stepname       STEP0002           Y



 Mark with Display,Modify,Purge,Rename,Copy,Information
End of List

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                Add          Menu
```

2   This screen lists the runtime control overrides that have been defined for the selected job.

3   Enter one of the following options in the C column to select an entry:

d	display
m	modify
p	purge
r	rename
c	copy
i	site information

4   These options are the same as the ones available for maintaining client runtime controls except that they maintain the override controls rather than the jobs base level controls.

5 Session Monitoring

1 Select service 2 from the main menu.

```
16:29:18      ***** A D A B A S   VISTA SERVICES 8.1.2 *****        2006-07-19
                     -  Session Monitoring  -                       V12000M1
 Job Name: DAEFCI18


                 Code    Service
                 ----    ----------------------------
                  1      System Status
                  .      Exit
                 ----    ----------------------------
         Code..: _










 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit                                                    Menu
```

2 The session monitoring menu shows the current job name. Select option 1 to show status in-
   formation about the current job:

```
16:29:18      ***** A D A B A S   VISTA SERVICES 8.1.2 *****         2006-07-19
                           -  System Status  -                       V12300M1
 Job Name: DAEFCI18



 Command Statistics:
                        Partitioned Calls: 475872                              ↵

                        Translation Calls: 3472343                             ↵

                            Other Calls: 611859                                ↵



 Last known Sub-code for this system: 0






 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help        Exit  Refr                                Reset       Menu
```

6 Special Services

Special Services Menu

▶ **To display the Special Services menu**

■ Select service 3 from the main menu.

```
16:32:59  ***** A D A B A S  VISTA SERVICES 8.1.2 *****        2006-05-29
                  -  Special Services  -                        V13000M1



               Code    Service
               ----    ---------------------------
                1      Local SYSAVI Services
                .      Exit
               ----    ---------------------------
          Code .. _



 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
      Help        Exit                                                  Menu
```

From this menu, you can	Service	Cmd
access local SYSAVI services	1	3.1

Local SYSAVI Services

Local SYSAVI Services provide service request communication with the TP monitor in use.

- Local Services Window
- Installation Check

- ZAP Information

Local Services Window

▶ **To display the Local SYSAVI Services window from the Special Services menu**

■ Select service 1 or enter the command 3.1 on a command line.

```
+-----------------------------------+
|  10:26:30              2006-05-29 |
|                        V13100M1   |
|                                   |
|      Special Services for         |
|        Local Job: DAEFCODE        |
|                                   |
|         I Installation Check      |
|         Z Zap Information         |
|         . Exit                    |
| Code .. _                         |
|                                   |
|                                   |
|  Command ==>                      |
|        PF1=Help, PF3=Exit         |
|                                   |
+-----------------------------------+
```

The job name is shown in the window header (DAEFCODE in the example).

Installation Check

▶ **To display the Installation Check screen for the specified job**

■ Select option I from the Local SYSAVI Services window.

```
17:37:16    ***** A D A B A S  VISTA SERVICES 8.1.2 *****              2006-05-29
                -  Installation Check for DAEFCODE  -               V13110M1


  Name       Ver      Address          Description
 ADALNK               8000AF00         Link module
 CORSO2      812      003DD8B8         System Coordinator Stub Module
 CORKRN      812      177E232C         System Coordinator Kernel
 CORCFG               00007050         System Coordinator Configuration module
 AVIPXY      812      177E9C78         Vista Proxy
 AVIKRN      812      9798A2F8         Vista Kernel

Status:   Initialized OK    Error Code: 000 (Refer to Manual)


 System File:   DBID 11     FNR 5       SVC 254

 CIB: 177E1330  CCB: 17839A00                   OSD1: 00000000  ST1   : 00
 PFX: 003DDF48  SCA: 1783A228                    OSD2: 00000000  ST2   : 00
                VCL: 9798A2F8                    OSD3: 00000000  ST3   : 00
                                                 OSD4: 00000000  ST4   : 00
                                                 OSD5: 00000000  ST5   : 00



 Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12
     Help       Exit                                                   Menu
```

Although the screen is primarily intended for Software AG use to assist in identifying install-
ation problems, some of the information may be helpful to users of the system.

ZAP Information

▶ **To display the zap information**

■   Select option Z from the Local SYSAVI Services window.

```
18:26:10    ***** A D A B A S   VISTA SERVICES 8.1.2 (I002) *****    2006-12-11
                          -  Display Applied Zaps  -              V13120M1
 Version: AVI 8.1.2  Assembly Date: 26/01/07 Build: 0000 Job Name: DAEFCI18    ↵


 ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---  ---
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 Command ==>
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
               Exit                                  SysCo              Menu
```

The zaps that have been applied to the Adabas Vista modules used by the local Adabas Vista Online Services (SYSAVI) are identified on the resulting screen.

▶ **To display the zaps applied to the local Adabas System Coordinator**

■   Press PF9.

7 AVILOOK

The command analysis sampler (AVILOOK) can be used to determine those files which may benefit from Adabas Vista's Partitioning option by reporting on the command constructs used to access the file.

The sampler is controlled and viewed online using SYSAVI and, in addition, prints the results at normal database termination.

> **Note:** For those Adabas customers who do not have an Adabas Vista license, the AVILOOK sampler along with a demo version of SYSAVI is distributed as part of the Adabas release tape.

Enabling AVILOOK

AVILOOK is enabled using the following ADARUN command:

```
ADARUN VISTA=YES
```

SYSAVI – Selecting AVILOOK

▶ **To select AVILOOK**

■   Selecting service 4 from the SYSAVI main menu displays the AVILOOK menu options:

```
+----------------------------------------------------------------+
|                      Code    Service                           |
|                      ----    ----------------                  |
|                        1     File Maintenance                  |
|                        .     Exit                              |
|                      ----    ----------------                  |
|              Code..: _                                         |
|                                                                |
|         Database ID..: _____  Nuc ID..: _____               |
|                                                                |
| System Coordinator Node.: _____                              |
|                                                                |
+----------------------------------------------------------------+
```

SYSAVI – Using AVILOOK

This section describes how to use AVILOOK.

- AVILOOK File Maintenance
- AVILOOK File Statistics
- AVILOOK Add Files

AVILOOK File Maintenance

The File Maintenance screen lists the files that are already defined to AVILOOK for a specified database number. The database name is also displayed.

▶ **To display the File Maintenance screen from the AVILOOK menu**

1   Select service option 1.

2   Specify the Adabas database number for the database for which you wish to run AVILOOK.

     The database must be running with the `ADARUN VISTA=YES` parameter.

3   (Optional) For a cluster database, specify a Nucleus ID.

     If the database number you specify is a cluster database, you have the option to specify the Nucleus ID of the cluster nucleus you wish to monitor.

```
+--------------------------------------------------+
|  13:31:07     Select Cluster Members  2006-04-20 |
|                                       V1NUCSM1    |
|  DBID:   231                                      |
|                                                   |
|   C    Nuc    C    Nuc    C    Nuc    C    Nuc     |
|   _      1    _      2                             |
|                                                   |
|                                                   |
|                                                   |
|  Mark to select                                   |
|  Command ==>                                      |
|            PF3 Exit      PF4 Refr                  |
|                                                   |
+--------------------------------------------------+
```

You may select the appropriate nucleus from this list.

If you choose not to specify a Nucleus ID or you specify a value of 0, you are required to specify the Node ID of the local Adabas System Coordinator. A window is displayed listing the nuclei that are currently active in the cluster.

If the job within which you are using SYSAVI is defined to a System Coordinator group, the Node ID of the local System Coordinator is automatically set up.

```
DBID: 231     (TEST-V7-DB)

C     File    Command Limit          Commands          Started              Status
_       12               0                 0                                  Paused
_        2               0              5768   2006-04-20 09:09:20   Active




Mark with (A)ctivate,(P)ause,(R)eset,(S)tatistics,(X)Delete

 Command ==>
```

Press PF4 to refresh the command count.

▶ To select a file entry

■   Enter one of the following options in column C next to the file to be selected:

a	activate; start gathering statistics
p	pause; stop gathering statistics
r	reset statistics to zero
s	display the current statistics for the file
x	delete the file from the file list

AVILOOK File Statistics

▶ To display the File Statistics screen from the AVILOOK menu

■   Enter option "s" in column C next to the file entry:

```
DBID: 231   (TEST-V7-DB)
File: 2                                        Started: 2006-04-20 09:09:20
                                               Paused :


     CC     Desc    Command Count          CC     Desc    Command Count
     L3     AA             2836
     S1     AB             1324
     L3     BC               24
     L9     S1               26



  Other Commands not listed above: 1558



  Command ==>
```

This screen shows statistics on the command constructs used to access the file (for example, S1, L3 and L9 commands). The statistics are displayed in descending order by command code (CC) and Adabas two-character field name (Desc).

In this example, there are 2836 accesses to file 2 using an L3 command with the Adabas field AA as the primary sequence field. Such a file, where the predominant access is by a single key, may benefit from being partitioned using the Adabas field AA as the Adabas Vista partitioning field.

AVILOOK Add Files

▶ **To add a new AVILOOK file**

1   Press PF10 from the AVILOOK File Maintenance screen.

```
+----------------------------------------------------------------------+
|  08:11:07                 AVILOOK Add File                2006-04-20 |
|                                                              V14100M2 |
|                                                                       |
|           File _____     Status (A/P)  P       (Active/Paused)        |
|                          Command Limit 0       (0=No Limit)           |
|                                                                       |
|                     PF3 Exit    PF5 Update                            |
|                                                                       |
+----------------------------------------------------------------------+
```

2   Enter the file number.

3   Indicate whether you want AVILOOK to start gathering statistics immediately (Active status) or you want to define the file now and activate it at a later time (Pause status).

4   (Optional) Predefine the maximum number of commands the active file can process before
     it automatically reverts to pause status.

5   Press PF5 to add the file.

Note: Files defined (and activated) are only sampled for the duration of the current database
     session.