

Maintenance

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

- Maintenance Menu
- File Partitioning
- File Translation
- Client Runtime Controls

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 8.2.2 *****      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
- 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 8.2.2 *****      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 any character to expand or (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

```

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

p	purge
c	copy
Other	Any other non-blank character lists the partitions of the file.

Add (Define) a Partitioned File

To add a partitioned file

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

```

11:45:09      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2012-05-16
                - Add Partitioned File -                               V11P10M1

Source ... Database: 11__   File: 1__   Name: TESTFL1_ (optional)
                Type: S   S = standard; E = extreme; any other mark for more options

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           Upd           More           Menu

```

2. Refer to section Adabas Vista 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. Specify the Source Type.

For a standard partitioned file specify a source type of "S". For an extreme file for use with well-formed applications specify a source type of "E". Any mark other than "S" or "E" will result in the following pop-up window where you can select additional styles of extreme file implementation:

```

12:25:32      - Partition Type -                               V11P10M3

Partition file type (mark one): _ Standard
                                X Extreme
                                Use only as directed by Software AG:
                                _ Restricted to ACBX-only style
                                _ Extreme using special FDT field
                                __ Special FDT field name

```

Refer to the parameter Source Type for more information.

6. Enter the Adabas field information for the Partitioning Field.

Refer to the parameter Partitioning Field for more information.

7. Specify a command limit, if required.
8. Press PF9 for additional options.

For a standard partitioned file (Source type = "S")

```

11:52:25          - Additional Options -          V11P10M2

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 Exit  PF5 Upd
    
```

For an extreme partitioned file (Source type = "E")

```

16:17:30          - Additional Options -          V11P10M4

Partition ID Assignment..... VISTA
Enable ISN Positioning..... YES
User Partition Concurrency.... 8__ (max. active CIDs/user)
Store Control Option..... 1

                          PF3 Exit  PF5 Upd
    
```

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

9. Press PF5 to add the partitioned file definition.
10. If you need to make changes to the file definition just added, select it from the list by marking column C with an "m".
11. 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.

Modify a Partitioned File Definition

To modify a partitioned file definition

1. Select it by marking column C with any non-blank character (other than p or c).

```

14:51:39      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2011-12-07
                - Maintain Partitions -                               V11P60M1

Source ... Database: 11      File: 300      Name:
                Type: S      Standard file
Criteria: Field: AE  Format: A  Length: 20      Name: LAST-NAME

Selection: Partition Database: _____ File: _____      Parts: 0
C   Name Database File      Part ID  ACSI  Partitioning Field High Value

Mark with (T)est,(M)odify,(P)urage

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

```

2. Press PF11.

```

19:10:26      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2011-02-28
                - 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____
                Type: S      standard
                S = standard; E = extreme; any other mark for more options
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                        More           Menu

```

3. Make any necessary modifications.

4. Press PF5 to confirm any modifications.

5. Press PF9 to modify the additional options.
6. Press PF5 to confirm any modifications.

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

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 a non-blank character:

```

09:39:57       ***** A D A B A S   VISTA SERVICES 8.2.2 *****          2011-02-28
               -  Maintain Partitions  -                                   V11P60M1

Source ... Database: 11      File: 302      Name: EMPL3
               Type: S      Standard file
Criteria: Field: AE  Format: A  Length: 20      Name: NAME

Selection:  Partition Database: _____ File: _____              Parts: 3
C   Name Database  File      Part ID  ACSI  Partitioning Field High Value
_  PART0001    110     16           1    FYND  G999999999999999999999999
_  PART0002    110     26           2    FYND  O999999999999999999999999
_  PART0003     11    260           3    FYND  Z999999999999999999999999

Mark with (T)est,(M)odify,(P)urge

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

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

t	test
m	modify
p	purge

- 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.
- The Partition ID (Part ID) uniquely identifies a partition and, together with the Adabas ISN, forms the Adabas Vista ISN.
- 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.
- The field Partitioning Field High Value is the highest value of the partitioning field that can reside in each partition.
- Refer to section Adabas Vista Parameters for detailed information about each input field.
- 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 8.2.2 *****      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".

Test partition settings

To test a partition

1. Select it from the list by marking column C with a "t".
2. The partition definition will be checked to see that it matches what is in the physical files.
3. A subsequent "Test Partition For Validity" screen will pop-up with the result.
4. A successful test will look like this:

```
10:18:25      Test Partition For Validity      2011-03-03
                                          V11P65M1

Partition database: 110  file: 16
Partition test successful

PF3 Exit
```

Note:

This function is not currently supported for shared partitions.

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 8.2.2 *****      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  )
====> G999999999999999999          <====
====>                               <====
====>                               <====
====>                               <====

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 (List change deltas) 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

- ▶ **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 8.2.2 *****      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 any character to expand or (A)ctivate,(L)ist change deltas,
(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:

a	activate generation
l	expand generation for generation delta maintenance
m	modify generation information
p	purge generation (and all rules)
c	copy generation (and all rules)
Any other non-blank	browse generation configuration

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 8.2.2 *****      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

1. Select it from the list by marking column C with any non-blank character (other than those specifically mentioned).

```

16:08:19          ***** A D A B A S   VISTA SERVICES 8.2.2 *****          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 any character to expand or (P)urge,(C)opy
End of List
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit Refr              Fwd  Site Add      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.

Modify Generation

▶ To modify a generation

1. Expand its change deltas by marking column C with "l".

```

15:17:59      ***** A D A B A S   VISTA SERVICES 8.2.2 *****           2011-12-07
                - Maintain Generation Deltas -                               V11270M1
                                                Generation: CFG00001 Status: Inactive
C Delta                                             Status
_ DELTA001                                         In use

Mark with any character to expand or (P)urge,(C)opy,(A)pply

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

2. Press PF11.

```

12:36:22      ***** A D A B A S  VISTA SERVICES 8.2.2 *****      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

```

3. Make any necessary modifications and press PF5 to confirm.

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

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 |
|                                                    V1DEL0M1 |
|
| 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 |
|                                                    V1DEL0M1 |
|
| 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 8.2.2 *****      2006-04-12
                - Maintain Generation Deltas -                          V11270M1
                                                Generation: CFG00001 Status: Inactive

C Delta

Mark with any character to expand or (P)urge,(C)opy,(A)pply

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

p	purge generation delta (and all changes)
c	copy generation delta (and all changes)
a	apply generation delta to base generation
Any other non-blank	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 8.2.2 *****      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
    
```

Modify Generation Delta

 **To modify a generation delta**

1. Expand it by marking column C with a non-blank character.

```

15:28:11      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2011-12-07
                - Maintain Pages -                                V11T00M1
                                                Generation: CFG00001 Status: Inactive
Reposition to page: _____                                Delta: DELTA001
C Page Name      Description
_  *site

Mark with any character to expand or (P)urge,(C)opy
End of List
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Refr                               Site Add Desc Menu

```

2. Press PF11.

```

14:47:53      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      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

```

3. Make any necessary modifications and press PF5 to confirm.

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 a non-blank character.

```

16:08:19          ***** A D A B A S   VISTA SERVICES 8.2.2 *****          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 any character to expand or (P)urge,(C)opy
End of List
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Refr                               Site Add Desc 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:

p	purge file translation page (and all rules within)
c	copy file translation page (and all rules within)
Any other non-blank	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.

PF9 is used to access the Site Policies for Target Categories maintenance screen.

File Translation Page Maintenance

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 8.2.2 *****           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.

Modify File Translation Page

▶ To modify a file translation page

1. Expand it by marking column C with a non-blank character.

```

15:36:05      ***** A D A B A S   VISTA SERVICES 8.2.2 *****           2011-12-07
                - Maintain Translation Rules -                               V11T60M1
Page Name: TEAM1                               Generation: *STARTUP Status: Active
Reposition: Database: _____ File: _____                        Delta: TESTSHOW
  Database/File      Translated database/file (or redirect)...
  <---Source-->      <---TEST-->   <---QA-->   <-PRE-PROD>   <---PROD-->
C
-   17078          7          17079    77          -    -          -    -          -    -

Mark with any character to expand or (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  Desc  Menu

```

2. Press PF11.

```

16:39:39      ***** A D A B A S   VISTA SERVICES 8.2.2 *****           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

```

3. Make any necessary modifications and press PF5 to confirm.

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 a non-blank character.

Refer to Translation Rule Maintenance.

Translation Rule Maintenance

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 8.2.2 *****      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 any character to expand or (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 Desc Menu
    
```

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

p	purge
c	copy
Any other non-blank	expand the translation rule

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 8.2.2 *****      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".

Modify a Translation Rule

 **To modify a file translation rule**

1. Select it from the list by marking column C with a non-blank character.

```

17:19:34      ***** A D A B A S  VISTA SERVICES 8.2.2 *****      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 UGKXN
                                Added 2006-04-12 at 17:18:17 by UGKXN


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      -      0      _____
PRE-PROD  - 0      0      0      -      0      _____
PROD      - 0      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.
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 8.2.2 *****           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

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 PF9 (Site) from the Maintain File Translation Pages screen


```

18:04:13      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2006-04-12
                - Site Policies for Target Categories -                V11C00M1
                                                Generation: CFG00001 Status: Inactive
                                                Delta: DELTA001

    Target
C  Category      First-level Null Definition Policy
-  TEST          Allow
-  QA            Allow
-  PRE-PROD      Allow
-  PROD          Allow


Mark with (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:

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".

Modify a Target Category

▶ To modify a target category

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

```

15:54:32      ***** A D A B A S  VISTA SERVICES 8.2.2 *****      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.
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 8.2.2 *****      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 Jobs,Modify,Purge,Rename,Copy,Overrides,Information,History

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

j	list jobs in DTR service
m	modify
p	purge
r	rename
c	copy
o	overrides
i	site information

- Add a Runtime Control
- Modify Runtime Control
- List jobs in a DTR service
- 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 8.2.2 (I004) *****      2008-05-22
                - Add Client Runtime Control -                                U11310M1

Select (mark one) :

      _ Batch
      _ COM-LETE
      _ 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 8.2.2 *****      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.

```

16:43:41      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2011-12-07
              - System Coordinator Runtime Controls -                  U11310M5

Type: Batch      Name: VI81J009
Operation: Normal autodetect: X Enable without products: _ Disable all: _
API runtime overrides.....: N (Y/N)
Use additional exits.....: N (Y/N)
Maximum idle time (sec)..: _____

Runtime messages.....: Y Default _ Local (DDMSG) file _ Daemon (DDMSG)
Activity pulse every.....: _____ commands or _____ seconds
  Display (mark one).....: _ Daemon shared memory
                        _ Daemon memory
  Latency (mark one).....: X Local
                        _ Group latency disk file
                        _ Daemon shared memory
                        _ Daemon memory
  Group name.....: _____ (required if group/daemon services used)

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 explanation 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 8.2.2 *****      2007-02-13
              - Adabas Vista Runtime Controls -                        U1133VM1

Type: Batch
Name: VI81J009      Last modified 2007-02-13 at 11:28:03 by UKGDN
                  Added 2007-02-13 at 11:28:03 by UKGDN

                  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 (ADARSPann) ..... 249
Trace Activation ..... NO_ Cnds.. 128__
Error Reporting WVD ..... NO_
Command Time (Hex.) ..... 00000000
Extended Hold ..... MINIMUM
Mask OP/RSP148 .. YES Result data: ISQ.. 07040400 ADDS4.. 740000
Origin CID transport: In ACHUSER: 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. Use PF5 to confirm these settings.
11. Use PF9 for an additional controls screen and to define the file translation pages to be referenced by this job:

```

16:46:25      ***** A D A B A S   VISTA SERVICES 8.2.2 *****      2011-12-07
                - Adabas Vista Runtime Controls -                      U1133VMP
Type: Batch
Name: VI81J009                      Last modified 2011-12-07 at 16:46:20 by UKSJU
                                         Added 2011-12-07 at 16:46:20 by UKSJU
Mode: NEWDEFLT

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  PF5 Upd  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 appropriate 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 PF5 to confirm these settings.

Modify Runtime Control

To modify a runtime control

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


```

11:40:15      ***** A D A B A S  VISTA SERVICES 8.2.2 *****      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 Cnds.. 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.
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.

List jobs in a DTR service

 **To list jobs in a DTR service**

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

```

16:18:28      ***** A D A B A S  VISTA SERVICES 8.2.2 *****      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. List jobs is only relevant for DTR definitions. It 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 documentation.

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 Overrides.
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 8.2.2 *****      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 8.2.2 *****      2006-04-24
                - Client Runtime Controls Override Summary -          U11380M1

Type: Batch           Name: VI81J001

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

Mark with 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:

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.