New Features

This section provides an overview of new features and terminology for Adabas Vista Version 8.2.2

- Extreme files

- Alternate Console

- Allow new memory management operations, including CICS crash recovery

- Activity display for jobs

- Activity display for client sessions

- Security protection for online administration

- Test partition settings

- XML EXPORT for configuration objects

- Unified Trace

- Support for Natural zIIP

- Support Adabas Shared Hold feature

- Support for Optimize for Infrastructure

Extreme files

The Adabas Vista partition feature now accommodates files with record volumes that go way beyond the existing Adabas limit of 4 gigabytes. Now you can have files with essentially an unlimited number of records with all the benefits of partitioning too; to allow parallel maintenance etc. For more information, see Adabas Vista extreme files in the Programming Guidelines for more information.

Alternate Console

Console messages may be issued by Adabas Vista in client jobs, in databases and in System Coordinator daemons. Until now the console has been the only place where you can see them but now you can direct them to an alternate destination. You can accumulate messages as they have been in the past or you can now accumulate them in a file associated with individual client jobs or collect messages for all client jobs into a file in the Coordinator daemon, etc.

- Vista Client Message Alternates

- Vista Database Message Alternates

- Vista Daemon Component Message Alternates

Vista Client Message Alternates

The new Adabas System Coordinator Runtime messages client runtime control allows client messages to be routed to:

- The console.

  This is compatible with previous releases.

- A local DDMSG file in the client job.

  The JCL for the job must be altered to accommodate this option.

- Both the console and a local DDMSG file.

- A DDMSG defined by the System Coordinator daemon.

  The daemon JCL must be altered.

Vista Database Message Alternates

The new Adabas System Coordinator daemon group setting Runtime messages – databases allows messages to be routed to:

- The console.

  This is compatible with previous releases.

- A local DDMSG file in the database.

  The JCL for the job must be altered to accommodate this option.

- Both the console and a local DDMSG file.

Vista Daemon Component Message Alternates

The new Adabas System Coordinator daemon group setting Runtime messages – daemon allows messages to be routed to:

- The console.

  This is compatible with previous releases.

- A local DDMSG file.

  The JCL for the job must be altered to accommodate this option.

- Both the console and a local DDMSG file.

Allow new memory management operations, including CICS crash recovery

Vista is fully compliant with the new memory management options introduced with Adabas System Coordinator. These options reduce the amount of memory consumed and also allow advanced crash-recovery capabilities for compliant TP systems such as CICS. Refer to the Adabas System Coordinator for more information on the types of operations you can choose. XML EXPORT for configuration objects Configuration objects can now be exported in XML form. For more information please refer to the Adabas System Coordinator documentation.

Activity display for jobs

You can now display all Vista activities for every job in the system, whether running local, pulsing or daemon mode. This allows you to see exactly what is happening in each job in the system. Please refer to the Vista Activity display for jobs.

Activity display for client sessions

You can now display all Vista activities for every Adabas client session in the system whether running local, pulsing or daemon mode. This allows you to see exactly what is happening in each Adabas client session in the system. Please refer to the Vista Activity display for client sessions.

Security protection for online administration

Adabas SAF Security sites who also use Vista can now secure the use of Vista online administration. Refer to the section SAF Security Settings for more information on how to implement this.

Test partition settings

Online administration now allows a test function to verify the partition settings are valid so you can have much more confidence in the settings you make. See Maintain Partitions: Test partition settings for more information.

XML EXPORT for configuration objects

Configuration objects can now be exported in XML form. For more information please refer to the Adabas System Coordinator documentation.

Unified Trace

Adabas System Coordinator 8.2.2 provides a unified trace feature that allows consistent diagnosis of client, database and daemon jobs configured to use Adabas System Coordinator and any of its related products: Adabas Fastpath, Adabas Transaction Manager, Adabas Vista and Adabas SAF Security.

Support for Natural zIIP

Compliance for running in z/OS zIIP mode is introduced. This also requires use of the base Adabas maintenance ADA824.LX08 (or equivalent for other releases of Adabas).

Support Adabas Shared Hold feature

Support is introduced for the new Adabas Shared Hold feature, introduced with Adabas 8.2.

Support for Optimize for Infrastructure

Adabas Vista client jobs keep statistics for each job that is running in addition to each session. These statistics can be seen in the activities displays of System Coordinator. These statistics will form the basis of integration with Optimize for Infrastructure in a forthcoming service pack of this release.