# New Features

This section provides an overview of new features for Adabas Fastpath Version 8.2.

- New buffer memory allocation

- Job Execution History

- Support for READ and HISTOGRAM From/Through Ranges

- Alternate Console

- Display Fastpath activities for all jobs in the system

- Display Fastpath activities for all sessions in the system

- Allow new memory management operations, including CICS crash recovery

- XML EXPORT for configuration objects

- Security protection for online administration

## New buffer memory allocation

The Fastpath buffer can now be allocated as a dataspace to alleviate shortages of shared memory, a critical resource. This new feature now allows you to run with the z/OS setting of USERCSAKEY=NO as recommended by IBM. For backwards compatibility the default remains shared memory (ECSA). To use a dataspace set a dataspace name in the Fastpath Buffer Parameters. For more information on dataspaces please refer to the IBM documentation *SA22-7614-00, MVS Programming: Extended Addressability Guide, second edition October 2001*, which applies to z/OS.

## Job Execution History

Fastpath Client Runtime Controls are now enhanced to allow end-of-job (job-step) statistics to be saved as history in the configuration file. The existing feature to show end-of-job statistics as messages within the System Coordinator console messages remains as a choice too, and also remains as the default (where used) for compatibility purposes. Statistics for up to the last sixteen executions can be kept on file (see the Job History section in Maintaining Client Runtime Controls for more detail).

**Note:**
More data stored in the configuration file will affect the space used. You should increase the space for the file as necessary.

## Support for READ and HISTOGRAM From/Through Ranges

Direct access optimization now also applies to `L3` and `L9` commands with a from/through range ("S" operator in the search buffer syntax).

# Alternate Console

Console messages may be issued by Adabas Fastpath 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.

- Fastpath Client Message Alternates

- Fastpath Database Message Alternates

- Fastpath Buffer Manager Message Alternates

## Fastpath Client Message Alternates

The new 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.

- A DDMSG defined by the System Coordinator daemon.

    The daemon JCL must be altered.

## Fastpath Database Message Alternates

The new 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.

## Fastpath Buffer Manager Message Alternates

The new 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.

# Display Fastpath activities for all jobs in the system

You can now display all Fastpath activities for every job in the system. All you have to do is configure the client runtime controls to make the activity details available to the Adabas System Coordinator group running in your system. Refer to the Adabas System Coordinator for more details on how to set this up and refer to the section Adabas System Coordinator online administration here in Fastpath for the information that is made available.

# Display Fastpath activities for all sessions in the system

You can now display all Fastpath activities for every session in the system. All you have to do is configure the client runtime controls to make the activity details available to the Adabas System Coordinator group running in your system. Refer to the Adabas System Coordinator for more details on how to set this up and refer to the section Adabas System Coordinator online administration here in Fastpath for the information that is made available.

# Allow new memory management operations, including CICS crash recovery

Fastpath is fully compliant with the new memory management options introduce 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.

# Security protection for online administration

Adabas SAF Security sites who also use Fastpath can now secure the use of Fastpath online administration. For more information on how to implement this refer to the Adabas SAF Security documentation.