Enhancements

This section provides an overview of the enhancements for Adabas Fastpath Version 8.2.2

- 24*7 Counters used in Statistics

- Daemon Network Node Number Included in Messages

- Online Fix Description

- Efficiency Enhancements

- New Read-ahead controls

24*7 Counters used in Statistics

Statistics displays now show much larger numbers so that limits are raised from around 4 billion to around 10 trillion.

Daemon Network Node Number Included in Messages

Messages issued by the Fastpath Manager now include the node number (in the Adabas network) of the System Coordinator daemon under which it is running. This helps you understand origin of messages more clearly, especially if you run multiple nodes in a large system. The new message format appears as:

```
AFP-nnnn-ss xxxxx MESSAGE TEXT
```

where *xxxxx* is the node number; *nnnn* is the message number and *ss* is the severity.

Online Fix Description

The fix display in SYSAFP has been enhanced to include a short description of each fix that is applied which helps you to get a better understanding of each fix that is in use.

Efficiency Enhancements

Internal memory management has been improved at Adabas Fastpath 8.2.2 with remedial action added to counter the effects of defragmentation that can be seen in high volume situations in caches that are active for extended periods.

New Read-ahead controls

New read-ahead controls have been introduced to improve read-ahead optimization success rates for both very long sequences and when handling very large record views.

For more information see the Adabas Fastpath Client Runtime Controls in Parameter Maintenance.

Maximum read-ahead unit size controls the maximum amount of memory to be used by each concurrent read-ahead operation. The maximum for one operation in batch is 256k, for online the maximum is 64k.

Note:
This can require review of ADARUN LU and NABS settings to avoid response 152.

Maximum read-ahead rate is used in conjunction with the read-ahead unit size to control the number of records to be processed in one read-ahead operation. The maximum for batch is now increased to be 8192 from the previous 255 and the maximum for TP is now 255 from the previous 16

For more information see the Adabas Fastpath Client Runtime Controls in Parameter Descriptions.