MODFCB: Modify File Parameters

The MODFCB function modifies various parameters for a non-system Adabas file.

```
ADADBS  MODFCB    FILE = file-number
                  [ASSOPFAC = new-padding-factor ]
                  [DATAPFAC = new-padding-factor ]
                  [LOBFILE = file-number ]
                  [MAXDS = maximum-secondary-allocation ]
                  [MAXNI = maximum-secondary-allocation ]
                  [MAXUI = maximum-secondary-allocation ]
                  [MAXRECL = maximum-compressed-record-length]
                  [NOUSERABEND]
                  [PASSWORD = 'password' ]
                  [PGMREFRESH = { YES | NO } ]
                  [RPLUPDATEONLY = {YES | NO} ]
                  [TEST]
```

Note:
If the LOBFILE parameter is specified, only the FILE parameter (which is required), and the optional PASSWORD and TEST parameters can be specified in the same run.

This chapter covers the following topics:

- Essential Parameter

- Optional Parameters

- Example

Essential Parameter

FILE: File Number

> FILE is the number of the Adabas file to be modified. An Adabas system file cannot be specified. If large object (LB) fields exist in the file, this is the file number of the *base file*.

Optional Parameters

ASSOPFAC/ DATAPFAC: File Padding Factors

> ASSOPFAC/DATAPFAC specify the padding factor (1-90) to be in effect for Associator and Data Storage, respectively. Existing blocks retain their original padding factor (see the ADAORD utility).

> The Data Storage padding factor (DATAPFAC) setting is ignored for files containing spanned records. The following warning will appear if DATAPFAC is specified for a file that has data storage spanning enabled:

```
  *****DATAPFAC is ignored for files with spanned data storage enabled******
```

A return code of 4 (CC=4) is also returned.

LOBFILE: LOB File Number

LOBFILE specifies the file number of the *LOB file* associated with the *base file*. This parameter is useful in combination with the FILE parameter (which is set to the base file number) to mark the two files as being in sync.

Note:
If the LOBFILE parameter is specified, only the FILE parameter (which is required), and the optional PASSWORD and TEST parameters can be specified in the same run.

For more information, read *Getting Started with Large Object (LB) Fields*.

MAXDS/ MAXNI/ MAXUI: Maximum Secondary Allocation

The maximum number of blocks per secondary extent allocation for Data Storage (MAXDS), the normal index (MAXNI), and the upper index (MAXUI). The value specified must specify blocks, be followed by a "B" (for example, MAXDS=8000B), and cannot be more than 65535B. If one of the parameters is either not specified or specifies "0B", the maximum secondary extent allocation for that component has no limit.

In all cases, however, Adabas enforces minimum secondary allocations for these parameters:

```
MAXDS=6B
MAXNI=6B
MAXUI=15B
```

If you specify a value lower than these minimum allocations, the Adabas-enforced minimum value is used.

MAXRECL: Maximum Compressed Record Length

The maximum compressed record length permitted for the file. The value specified should not be less than the current maximum record size in the specified file.

NOUSERABEND: Termination Without Abend

When an error is encountered while the function is running, the utility prints an error message and terminates with user abend 34 (with a dump) or user abend 35 (without a dump).

If NOUSERABEND is specified, the utility will *not* abend after printing the error message. Instead, the message "utility TERMINATED DUE TO ERROR CONDITION" is displayed and the utility terminates with condition code 20.

PASSWORD: File Password

This parameter is required if the file specified in the FILE parameter is password-protected.

PGMREFRESH: Program-generated File Refresh

The PGMREFRESH option determines whether a user program is allowed to perform a file refresh operation by issuing a special E1 command. If the parameter is not specified, the option remains in its current status: either on (YES) or off (NO).

RPLUPDATEONLY: Allow Only Event Replicator Processing Updates

The RPLUPDATEONLY parameter can be used in the ADADBS MODFCB function to indicate whether an Adabas database file may be updated only by the Event Replicator Server as part of Adabas-to-Adabas replication or by other means as well. This parameter is optional. Valid values are "YES" or "NO". A value of "YES" indicates that the file can only be updated via Event Replicator processing; a value of NO indicates that the file can be updated by any normal means, including Event Replicator processing. There is no default; if no value is specified for the RPLUPDATEONLY parameter in the ADADBS MODFCB function, the value used previously for the file is used.

TEST: Test Syntax

The TEST parameter tests the operation syntax without actually performing the operation. Only the syntax of the specified parameters can be tested; not the validity of values and variables. See Syntax Checking with the TEST Parameter for more information on using the TEST parameter in ADADBS functions.

Example

The following modifications are to be made for file 203: the Associator padding factor is set to 5, the Data Storage padding factor to 5, and the maximum Data Storage secondary extent allocation to 100 blocks.

```
ADADBS MODFCB
FILE=203,ASSOPFAC=5,DATAPFAC=5,MAXDS=100B
```