

Modify File Parameters

Note:

AOS is not able to modify file parameters for Adabas files incorporated in Predict. This is because AOS cannot modify the FCB of these files. Error messages are produced when such an attempt is made. We recommend that you use Predict 4.5.1 to make file parameter updates for Adabas files incorporated in Predict.

► To modify parameters for a file

1. Select option "M" (modify file parameters).
2. Specify the number of the file to be modified.
3. If the file is protected, supply the password.
4. Press ENTER.

The Modify File Parameters screen is displayed:

10:19:39	*****	A D A B A S	BASIC SERVICES	*****	2006-07-20
DBID 1955		-	Modify File Parameters	-	PFLM002
File No. ... 1					
File Name .. EMPLOYEES					

			Max. Allocation		
ASSO PFAC	10	UI Blks per extent ..		0	
DATA PFAC	10	NI Blks per extent ..		0	
Max. RECL	4816	DS Blks per extent ..		0	
New File Name .. EMPLOYEES_____			ISN Reuse		
New File No. ... 1			with RESET		
			in Parallel		
User ISN			OFF		
			DS Reuse		
			with RESET		
File Password ..			in Parallel		
			Mixed DS Device.....		
AlphaNum Encoding ..			0		
WideChar Encoding ..			0		
			Program Refresh		
			OFF		
PF1-----	PF2-----	PF3-----	PF4-----	PF6-----	PF7-----
Help		Exit			
				PF8-----	PF12-----
					Menu

This function corresponds to the utility function ADADBS MODFCB.

If large object (LOB) flags are set, the following screen is displayed:

```

16:55:50          ***** A D A B A S  BASIC  SERVICES *****          2006-08-25
DBID 1956          -  Modify File Parameters  -          PFLM012

File No. ... 16
File Name .. LOBFILE
-----
Max. Allocation
ASSO PFAC ..... 10          UI Blks per extent .. 0
DATA PFAC ..... 10          NI Blks per extent .. 0
Max. RECL ..... 5060        DS Blks per extent .. 0

New File Name ..... LOBFILE_____ ISN Reuse ..... ON_
New File No. .... 16          with RESET ..... ____
                                in Parallel .... NO_
User ISN ..... OFF          DS Reuse ..... ON_
                                with RESET ..... ____
                                in Parallel .... NO_
File Password .....          Mixed DS Device ..... OFF
                                Program Refresh ..... OFF
AlphaNum Encoding .. 0
WideChar Encoding .. 0

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit    LOB Info          Menu

```

If you press PF4 on the screen when it displays a LOB file, a pop-up window appears showing detailed information about the file:

```

- LOB File Information -

*****

* File    16      *

*****

File Info: LOB file
Related LOB File Number ..... 15____

PF3---
Cancel

```

The equivalent direct command is

```
MODIFY FILE file-number
```

This chapter covers the following topics:

- Change Padding Factors
- Change Maximum Allocation
- Change Record Length

- Rename or Renumber the File
 - Select File Options
 - Change Code Pages
-

Change Padding Factors

Using the ASSO PFAC and the DATA PFAC fields on the Modify File Parameters screen, you can change the Associator and Data Storage padding factors for the file.

The "padding factor" is the percentage (%) of each Associator or Data Storage block that is reserved; that is, not loaded. This area is used to create new records later. The range is from 3 to 90 percent. The factor size allocated should depend on the amount of updating that is expected. The number of bytes left in the Associator after padding must exceed the largest descriptor value by at least 10.

Change Maximum Allocation

Using the Max Allocation fields on the Modify File Parameters screen, you can change the maximum number of blocks that can be allocated for Data Storage (field DS Blks per extent), the normal index (field NI Blks per extent), or the upper index extent (field UI Blks per extent).

The value specified must be specified in blocks and cannot be more than 65535. If one of the parameters is either not specified or specifies "0", the maximum secondary extent allocation for that component has no limit.

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

```
DS Blks per extent=6
NI Blks per extent=6
UI Blks per extent=15
```

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

Change Record Length

Using the Max. RECL field on the Modify File Parameters screen, you can change the maximum compressed record length allowed.

Rename or Renumber the File

Using the New File Name and New File No. fields on the Modify File Parameters screen, you can change the name or number of the file.

The equivalent direct commands are

```
RENAME FILE file-number
```

```
RENUMBER FILE file-number
```

Select File Options

You can also turn off or on several file options on this screen:

```
User ISN  
ISN Reuse ...with RESET  
Data Storage Reuse ...with RESET  
Mix Data Storage Dev  
Program Refresh
```

ISN Reuse and Data Storage Reuse determine whether ISNs and Data Storage blocks for deleted records are reused as new records are added to the file. The equivalent direct commands are

```
REUSE ISNS file-number
```

```
REUSE DS file-number
```

When setting either of these two options to "ON", you can also set the RESET option "ON" to start the search for an unused ISN or Data Storage block at the beginning of the file.

Change Code Pages

If the file was loaded using universal encoding support (UES), the code values may be changed on this screen using the AlphaNum Encoding and WideChar Encoding fields.