ISNREUSE: Reuse ISNs

The ISNREUSE function controls whether ISNs of deleted records may be reassigned to new records.

```
ADADBS  ISNREUSE  FILE = file-number
                  MODE = { ON | OFF }
                  [NOUSERABEND]
                  [PASSWORD = 'password ' ]
                  [RESET]
                  [TEST]
```

This utility function does not need to lock the database file for its use; this function can perform its processing in parallel with active users. This means that you do not need to set the file to read-only status to run this utility function.

This chapter covers the following topics:

- Essential Parameters

- Optional Parameters

- Example

Essential Parameters

FILE: File Number

> FILE is the number of the file for which the ISNREUSE setting is to be changed. The checkpoint file cannot be specified.

MODE: Reuse Mode

> MODE causes the ISN reuse mode to be in effect. MODE=OFF causes Adabas not to reuse the ISN of a deleted record for a new record. Each new record will be assigned the next higher unused ISN. MODE=ON indicates that Adabas may reuse the ISN of a deleted record. The MODE parameter has no default; it must be specified.

Optional Parameters

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). When NOUSERABEND is specified, it must be specified as the first parameter (before all other parameters) for the utility function.

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

PASSWORD specifies the file's security password, and is required if the file is password-protected.

RESET: Reset ISN Pointer

The RESET parameter causes searches for an unused ISN to start at the beginning of the file.

TEST: Test Syntax

The TEST parameter tests the operation syntax without actually performing the operation. Note that the validity of values and variables *cannot* be tested: only the syntax of the specified parameters can be tested. See Syntax Checking with the TEST Parameter for more information on using the TEST parameter in ADADBS functions.

Example

ISNs of deleted records in file 7 may be reassigned to new records.

```
 ADADBS ISNREUSE FILE=7,MODE=ON
```