

DBMEMO**INTRINSIC NUMBER 414**

Used to log user data (ASCII or binary) to the log file.

OPENTURBO vs TurboIMAGE Difference

N/A.

OPENTURBO Performance Enhancements

N/A.

OPENTURBO Additional Features

N/A.

Syntax

DBMEMO, base, text, mode, status, textlen

Parameters

base is the name of the array used as the *base* parameter when opening the database. The first element of the array must contain the base ID returned by DBOPEN. (Refer to DBOPEN for more information about the base ID.)

text is an array of up to 512 bytes that contains user data (ASCII or binary) to be written to the log file as part of the DBMEMO log record.

mode must be an integer equal to 1.

status is the name of an array of 10 half-words in which TurboIMAGE/XL returns status information. If the procedure executes successfully, the status array contents are:

Element Contents

1 If the procedure succeeds, the return status is 0. Table 5-18. describes the contents of element 1 when the procedure does not succeed.

2-4 Unchanged from previous procedure call using this array.

5-10 Procedure call information. Refer to “Library Procedure Error Messages” in appendix A for a description of this information.

textlen is an integer equal to the number of halfwords to be logged from the *text* parameter, or is a negative integer equal to the number of bytes. Length can be zero.

Discussion

DBMEMO is used to log user data to the log file when the user process is logging. No action occurs if the process is not logging. DBMEMO can be used to add additional auditing information to the log file or to facilitate the identification of transactions in the event of a failure and subsequent recovery.

Table 5-18. DBMEMO Return Status Values

Calling Errors:	-11	Bad database reference.
	-31	Bad mode.
	-151	Text length greater than 512 bytes.
	-222	Only DBXUNDO allowed when a dynamic transaction encounters an error.
Communications Errors:	-102	DSWRITE failure.
	-106	Remote 3000 data inconsistent.
	-107	NS 3000 or DS 3000 system error.
Logging System Failures:	-111	WRITELOG failure.
Exceptional Conditions:	-193	DBU control block is full.
	63	DBG disabled; potential damage; only DBCLOSE allowed.

Consult appendix A for more information about these conditions.

