

DBERROR**INTRINSIC NUMBER 419**

Moves a message, as an ASCII character string, to a buffer specified by the calling program. The message interprets the contents of the status array as set by a call to a TurboIMAGE/XL procedure.

OPENTURBO vs TurboIMAGE Difference

100%.

OPENTURBO Performance Enhancements

In-memory Client or Server message mapping capability.

OPENTURBO Additional Feature

SQL Error

Syntax

DBERROR, status,buffer,length

Parameters

status is the name of the array used as the *status* parameter in the TurboIMAGE/XL procedure call about which information is requested.

buffer is the name of an array in the calling program's data area, at least 36 halfwords long, in which the message is returned.

length is a short, 16-bit integer variable which is set by DBERROR to the positive byte length of the message placed in the *buffer* array. The length will never exceed 72 characters.

NOTE The call to DBERROR must be made immediately after receiving an error status before any other intrinsic are executed to ensure the display of valid messages.

Discussion

Like DBEXPLAIN, DBERROR messages are appropriate and helpful when debugging application programs. The errors they describe are, for the most part, errors that do not occur in a debugged and running program.

Some errors or exceptional conditions are expected to occur, even in a production environment. For example, the MPE/iX intrinsic DBOPEN can fail due to concurrent database access. In this case, printing the following DBERROR message:

DATABASE OPEN EXCLUSIVELY

can be perfectly acceptable, even to the person using the application program. However, in many cases a specific message produced by the application program is preferable to the one produced by DBERROR. A DBFIND error generated by the application program, such as:

THERE ARE NO ORDERS FOR THAT PART NUMBER

would be more meaningful to a user entering data at a terminal than the DBERROR message:

THERE IS NO CHAIN FOR THE SPECIFIED SEARCH ITEM VALUE

Table 5-10. lists all messages that can be returned by DBERROR with their corresponding return status values. Variable information is represented by a lowercase word or phrase. Several messages can correspond to one return status and the interpretation of the value depends on the context in which it is returned; the message returned depends on additional information returned by the TurboIMAGE/XL intrinsic.

Table 5-10. DBERROR Messages

Return Status	DBERROR Message
0	SUCCESSFUL EXECUTION - NO ERROR
-1	NO SUCH DATABASE DATABASE OPEN IN AN INCOMPATIBLE MODE BAD ACCOUNT REFERENCE or BAD GROUP REFERENCE BAD ROOT FILE REFERENCE INSUFFICIENT DISC SPACE VIRTUAL MEMORY NOT SUFFICIENT TO OPEN ROOT FILE DATABASE ALREADY OPEN FOR MORE THAN READ DATABASE IN USE DATABASE OPEN EXCLUSIVELY MPE SECURITY VIOLATION MPE FILE ERROR <i>decimal integer</i> RETURNED BY FOPEN ON { <i>ROOT FILE</i> <i>DATA SET# decimal integer</i> }
-2	EXCEEDS GROUP DISC SPACE EXCEEDS ACCOUNT GROUP DISC SPACE DUPLICATE FILE NAME MPE FILE ERROR <i>decimal integer</i> RETURNED BY FCLOSE ON { <i>ROOT FILE</i> <i>DATA SET# decimal integer</i> }
-3	MPE FILE ERROR <i>decimal integer</i> RETURNED BY FREADDIR ON { <i>ROOT FILE</i> <i>DATA SET# decimal integer</i> }
-4	MPE FILE ERROR <i>decimal integer</i> RETURNED BY FREADLABEL ON { <i>ROOT FILE</i> <i>DATA SET# decimal integer</i> }
-5	MPE FILE ERROR <i>decimal integer</i> RETURNED BY FWRITEDIR
-6	MPE FILE ERROR <i>decimal integer</i> RETURNED BY FWRITELABEL
-7	PREVIOUS MPE FILE ERROR <i>decimal integer</i> FOUND IN DESIRED BUFFER
-8	MPE FILE ERROR <i>decimal integer</i> RETURNED BY FUNLOCK
-9	CANNOT CREATE <i>control block name</i> : MPE ERROR <i>nn</i>
-10	MPE FILE ERROR <i>decimal integer</i> RETURNED BY FFILEINFO

Return Status	DBERROR Message
-11	BAD DATABASE NAME OR PRECEDING BLANKS MISSING BAD DATABASE REFERENCE (FIRST 2 CHARACTERS)
-12	DATABASE MUST BE IN LOGON GROUP AND ACCOUNT <i>intrinsic name</i> CALLED WITHOUT COVERING LOCK IN EFFECT
-13	NOT ALLOWED; MUST BE CREATOR OF ROOT FILE OR DATABASE
-14	CALLS TO <i>intrinsic name</i> NOT ALLOWED IN ACCESS MODE <i>decimal integer</i>
-15	DSLINER OR REMOTE HELLO FAILURE: SETUP FOR RDBA FAILED
-21	BAD PASSWORD - GRANTS ACCESS TO NOTHING DATA ITEM NONEXISTENT OR INACCESSIBLE SPECIFIED INTRINSIC CANNOT ACCESS THE DATA SET DATA SET NONEXISTENT OR INACCESSIBLE BAD MAINTENANCE WORD (CONTAINS COMMA OR DOES NOT MATCH) ILLEGAL NUMBER OF BUFFERS REQUESTED
-22	MAINTENANCE WORD REQUIRED
-23	USER (CLASS) LACKS WRITE ACCESS TO DATA SET
-24	OPERATION NOT ALLOWED ON AUTOMATIC MASTER DATA SET
-30	MPE V ILR ENABLED; ONLY DBOPEN (MODE 1-8) AND DBUTIL DISABLE ILR ALLOWED
-31	DBGET MODE <i>decimal integer</i> ILLEGAL FOR DETAIL DATA SET DBGET MODE <i>decimal integer</i> BAD--SPECIFIED DATA SET LACKS CHAINS BAD (UNRECOGNIZED) <i>intrinsic name</i> MODE: <i>decimal integer</i>
-32	UNOBTAINABLE ACCESS MODE: AOPTIONS REQUESTED:% <i>octal integer</i> , GRANTED:% <i>octal integer</i>
-33	MODE 7 DIAGNOSTICS NOT ALLOWED
-34	DATABASE MUST BE RECOVERED BEFORE ACCESS IS ALLOWED.
-51	LIST TOO LONG OR NOT PROPERLY TERMINATED
-52	ITEM SPECIFIED IS NOT AN ACCESSIBLE SEARCH ITEM IN THE SPECIFIED SET BAD LIST - CONTAINS ILLEGAL OR DUPLICATED DATA ITEM REFERENCE
-53	DBPUT LIST IS MISSING A SEARCH OR SORT ITEM
-60	ILLEGAL FILE EQUATION FOR ROOT FILE
-61	ERROR WHILE OBTAINING INFORMATION ABOUT FILE EQUATION.
-80	OUTPUT DEFERRED NOT ALLOWED WITH ILR ENABLED
-81	OUTPUT DEFERRED NOT ALLOWED WITH ROLLBACK ENABLED

Return Status	DBERROR Message
-82	CIUPDATE IS SET TO DISALLOWED; CANNOT USE CRITICAL ITEM UPDATE
-88	DATABASE BAD: THIRD PARTY INDEXING WAS IN PROCESS (INDEX AGAIN)
-89	DATABASE BAD RESTRUCTURING WAS IN PROCESS (RESTORE DATABASE)
-90	ROOT FILE BAD: UNRECOGNIZED STATE: <i>%octal integer</i>
-91	ROOT FILE (DATABASE) NOT COMPATIBLE WITH CURRENT TURBOIMAGE INTRINSICS
-92	DATABASE REQUIRES CREATION (VIRGIN ROOT FILE)
-93	DATABASE ALREADY EXISTS.
-94	DATABASE BAD: OUTPUT DEFERRED, MAY NOT BE ACCESSED IN MODE <i>decimal integer</i>
-95	DATABASE BAD - CREATION WAS IN PROCESS (CREATE AGAIN)
-96	DATABASE BAD - ERASE WAS IN PROCESS (ERASE AGAIN)
-97	DATABASE BAD - ILR ENABLE IN PROGRESS (ENABLE AGAIN)
-98	DATABASE BAD - ILR DISABLE IN PROGRESS (DISABLE AGAIN)
-99	UNSUPPORTED FEATURE.
-100	MPE ERROR <i>decimal integer</i> RETURNED BY DSOPEN
-101	MPE ERROR <i>decimal integer</i> RETURNED BY DSCLOSE
-102	MPE ERROR <i>decimal integer</i> RETURNED BY DSWRITE
-103	REMOTE 3000 STACK SPACE INSUFFICIENT
-104	REMOTE 3000 DOES NOT HAVE TURBOIMAGE/XL.
-105	REMOTE 3000 CANNOT CREATE TURBOIMAGE CONTROL BLOCK
-106	REMOTE 3000 DATA INCONSISTENT
-107	NS/3000 OR DS/3000 SYSTEM ERROR
-108	HPUNLOADCMPROCEDURE CALL FAILED (The bracketed numbers in the following messages -110 to -112 refer to the value in halfword 2 of the status array. For other error numbers, refer to WRITELOG in the MPE/iX Intrinsic Manual.)
-109	ERROR RETURNED BY LOGININFO INTRINSIC.

Return Status	DBERROR Message
-110	OPENLOG RETURNED ERROR NUMBER <i>nn</i> TO DBOPEN LOGGING ENABLED AND NO LOG PROCESS RUNNING [3] DATABASE CONTAINS INVALID LOGID PASSWORD [8] LOG FILE CAN'T OBTAIN NECESSARY DISC SPACE [12] MAXIMUM USER COUNT PER LOG PROCESS REACHED [13] END OF FILE ON LOGFILE [15] DATABASE CONTAINS INVALID LOG IDENTIFIER [16]
-111	WRITELOG RETURNED ERROR NUMBER <i>nn</i> TO <i>intrinsic name</i> LOG PROCESS TERMINATED [3] LOG FILE CAN'T OBTAIN NECESSARY DISC SPACE [12] END OF FILE ON LOGFILE [15]
-112	CLOSELOG RETURNED ERROR NUMBER <i>nn</i> TO <i>intrinsic name</i> LOG PROCESS TERMINATED [3] LOG FILE CAN'T OBTAIN NECESSARY DISC SPACE [12] END OF FILE ON LOGFILE [15]
-113	FLUSHLOG RETURNED ERROR NUMBER <i>nn</i> TO DBEND
-114	ROLLBACK ENABLED WITHOUT ENABLING LOGGING
-120	OUT OF STACK SPACE TO PROCV.
-121	ILLEGAL LOCK DESCRIPTOR COUNT
-123	ILLEGAL RELATIONAL OPERATOR
-124	DESCRIPTOR LENGTH ERROR; MUST BE 9 OR MORE
-125	ILLEGAL SET NAME OR NUMBER IN DESCRIPTOR
-126	ILLEGAL ITEM NAME OR NUMBER IN DESCRIPTOR
-127	ILLEGAL ATTEMPT TO LOCK ON A COMPOUND ITEM
-128	VALUE FIELD TOO SHORT FOR THE ITEM SPECIFIED
-129	P28 IS LONGEST P-TYPE ITEM THAT CAN BE LOCKED
-130	ILLEGAL DECIMAL DIGIT IN TYPE 'P' DATA VALUE
-131	LOWERCASE CHARACTER IN TYPE 'U' DATA VALUE
-132	ILLEGAL DIGIT IN TYPE 'Z' DATA VALUE
-133	ILLEGAL SIGN CHARACTER IN TYPE 'Z' DATA VALUE
-134	TWO LOCK DESCRIPTORS CONFLICT IN SAME REQUEST
-135	DBLOCK CALLED WITH LOCKS ALREADY IN EFFECT IN THIS JOB/SESSION
-136	DESCRIPTOR LIST LENGTH EXCEEDS 4094 BYTES
-137	USER ABOUT TO WAIT FOR SELF.

Return Status	DBERROR Message
-139	INVALID NUMBER OF BASE IDs.
-140	BAD BASE ID LIST.
-141	ALL MDBX DATABASES MUST BE ON THE SAME SYSTEM.
-142	ALL MDBX DATABASES LOG TO THE SAME LOG FILE.
-143	LOGGING MUST BE ENABLED OR DISABLED FOR ALL MDBX DATABASES.
-144	MUSTRECOVER MUST BE ENABLED OR DISABLED FOR ALL MDBX DATABASES.
-145	ROLL-BACK MUST BE ENABLED OR DISABLED FOR ALL MDBX DATABASES.
-146	INVALID TRANSACTION ID.
-147	MODE DOESN'T MATCH DBBEGIN MODE.
-148	BASE ID LIST DOESN'T MATCH DBBEGIN BASE ID LIST.
-151	TEXT LENGTH GREATER THAN 512 BYTES
-152	DBCLOSE CALLED WHILE A TRANSACTION IS IN PROGRESS DBBEGIN CALLED WHILE A TRANSACTION IS IN PROGRESS DBXBEGIN CALLED WHILE A TRANSACTION IS IN PROGRESS
-153	DBEND CALLED WHILE NO TRANSACTION IS IN PROGRESS
-160	FILE CONFLICT: A FILE ALREADY EXISTS WITH THE ILR LOG FILE NAME
-161	CANNOT CHECK FOR AN ILR LOG FILE CONFLICT: FILE SYSTEM ERROR <i>nn</i>
-166	CANNOT PURGE ILR LOG FILE: FILE SYSTEM ERROR <i>nn</i>
-167	CANNOT BEGIN MPE XL XM TRANSACTION: XM ERROR <i>nn</i>
-168	CANNOT ATTACH DATA SET # <i>decimal integer</i> ``to MPE XL XM: FILE SYSTEM ERROR <i>nn</i>
-169	INVALID MODE FOR XM ATTACH OPTIONS
-170	CANNOT OPEN ILR LOG FILE: FILE SYSTEM ERROR <i>nn</i>
-172	CANNOT READ ILR LOG FILE: FILE SYSTEM ERROR <i>nn</i>
-173	UNABLE TO OBTAIN WRITE ACCESS TO THE DATABASE (NEEDED FOR ILR RECOVERY)
-174	THE DATABASE MUST BE OPENED IN MODE 1 - 4 SINCE ILR RECOVERY IS NECESSARY
-175	CANNOT ATTACH DATA SET # <i>decimal integer</i> TO MPE XL XM: XM ERROR <i>nn</i>
-176	CANNOT DETACH DATA SET # <i>decimal integer</i> FROM MPE XL XM: XM ERROR <i>nn</i>

Return Status	DBERROR Message
-177	USER LOG FILE IS NOT ON THE SAME VOLUME SET AS DATABASE
-178	CANNOT DETACH DATA SET # <i>decimal integer</i> FROM MPE XL XM: FILE SYSTEM ERROR <i>nn</i>
-179	CANNOT BEGIN MPE XL XM TRANSACTION FOR ATTACH: XM ERROR <i>nn</i>
-180	ILR LOG INVALID - ILR INCOMPATIBLE IN MPE XL
-181	ILR LOG FILE INVALID - INTERNAL GROUP NAME DOES NOT MATCH ROOT FILE
-182	ILR LOG FILE INVALID - INTERNAL ACCOUNT NAME DOES NOT MATCH ROOT FILE
-183	ILR LOG FILE INVALID - INTERNAL CREATION DATE DOES NOT MATCH ROOT FILE
-184	ILR LOG FILE INVALID - INTERNAL LAST ACCESS DATE DOES NOT MATCH ROOT FILE
-187	ILR ALREADY ENABLED FOR THIS DATABASE
-188	ILR ALREADY DISABLED FOR THIS DATABASE
-189	CANNOT BEGIN MPE XL TRANSACTION FOR DETACH: XM ERROR <i>nn</i>
-190	BAD DATABASE REFERENCE OR INVALID SYSTEM DATABASE CONTROL BLOCK
-191	SYSTEM DATABASE CONTROL BLOCK FULL
-192	INVALID DBU
-193	DBU CONTROL BLOCK IS FULL
-194	INVALID DBB
-195	INVALID DBG
-196	DBB CONTROL BLOCK IS FULL
-197	DBG CONTROL BLOCK IS FULL
-198	TOTAL DBOPEN COUNT PER USER EXCEEDS LIMIT
-199	CANNOT END MPE XL XM TRANSACTION: XM ERROR <i>nn</i>
-200	DATABASE LANGUAGE NOT SYSTEM SUPPORTED
-201	NATIVE LANGUAGE SUPPORT NOT INSTALLED
-202	MPE NATIVE LANGUAGE SUPPORT ERROR <i>nn</i> RETURNED BY NLINFO
-204	USER STACK IS TOO SMALL FOR RECOVERY IN DBOPEN.
-205	WRONG VERSION OF DS SUBSYSTEM.

Return Status	DBERROR Message
-206	REMOTE TURBOIMAGE DATABASE EXCEEDS IMAGE/3000 LIMITATION
-208	MPE ERROR <i>nn</i> RETURNED BY FLABELINFO FOR MPE XL XM
-209	INVALID MODE FOR MPE XL XM DETACH
-210	MPE ERROR <i>nn</i> WHILE GETTING LOG FILE NAME
-211	INVALID OR NO USER LABEL.
-212	DATABASE CORRUPTION DETECTED
-213	DBXEND ENCOUNTERED XM ERROR <i>nn</i> WHEN ENDING DYNAMIC TRANSACTION
-214	CANNOT CALL DBXUNDO WHEN A TRANSACTION IS STARTED BY DBBEGIN.
-215	XM ERROR <i>nn</i> ENCOUNTERED WHEN ROLLING OUT DYNAMIC TRANSACTION
-216	CANNOT END A DYNAMIC TRANSACTION WITH A DBEND
-217	DBOPEN MODE <i>n</i> INCOMPATIBLE WITH DYNAMIC ROLLBACK
-218	OUTPUT DEFERRED IS INCOMPATIBLE WITH DYNAMIC ROLLBACK
-219	REMOTE DATABASE ACCESS IS INCOMPATIBLE WITH DYNAMIC ROLLBACK
-220	DATABASE AND USER LOG NOT ATTACHED TO THE SAME XM LOG SET
-221	CANNOT BEGIN A TRANSACTION WHEN A DYNAMIC TRANSACTION IS ACTIVE
-222	ONLY DBXUNDO ALLOWED WHEN A DYNAMIC TRANSACTION ENCOUNTERS AN ERROR
-223	CANNOT DBXEND OR DBXUNDO A TRANSACTION WHICH WAS NOT ACTIVE
-224	DBCONTROL MODE 1 NOT ALLOWED INSIDE A DYNAMIC TRANSACTION
-225	RECORD TABLE FULL FOR DYNAMIC ROLLBACK
-226	ERROR OCCURRED WHEN CREATING THE 00 FILE
-227	ERROR OCCURRED IN 00 FILE RECOVERY
-228	DBXBEGIN ENCOUNTERED XM ERROR <i>nn</i> WHEN STARTING A DYNAMIC TRANSACTION
-229	CANNOT DELETE MANUAL MASTER WITH EMPTY CHAINS.
-230	A DBUNLOCK INSIDE A DYNAMIC TRANSACTION IS NOT ALLOWED
-231	DURING DYNAMIC ROLLBACK RECOVERY, INTERNAL PROCEDURE FAILED; ERROR <i>nn</i>
-232	ILLEGAL DBCLOSE MODE 2 USED DURING AN ACTIVE DYNAMIC TRANSACTION

Return Status	DBERROR Message
-233	KEY DATA FOUND IN THE DATABASE DOES NOT MATCH THAT IN THE MEMO RECORD
-234	CANNOT PURGE THE 00 FILE
-235	DYNAMIC TRANSACTION ABORTED DUE TO DBCLOSE MODE 1; DATABASE CLOSED
-236	INTERNAL ERROR OCCURRED WHEN OPENING THE AUX FILE; ERROR <i>nn</i>
-237	CANNOT DBXEND OR DBXUNDO A DBBEGIN TRANSACTION
-238	MDBX, MODES OF DBXBEGIN/DBXEND DON'T MATCH.
-240	ERROR IN DYNAMIC ROLLBACK.
-241	BAD TAG FOR TURBOLKT TABLE.
-242	ERROR IN TURBOGTX FILE OPERATION.
-243	INVALID DYNAMIC ROLLBACK TRANSACTION ID.
-244	BASE COUNT OVER 15 FOR DMDBX.
-245	OUT OF SPACE FOR TURBOGTX FILE.
-246	ERROR IN TURBOGTX OPERATION RELATED TO ATC TRANSACTION.
-250	CBINIT FAILED ON <i>nn</i>
-251	DBS WAS OBTAINED BUT NOT RELEASED.
-253	DATABASE ENABLED FOR INDEXING, BUT THIRD-PARTY INDEXING IS NOT CONFIGURED
-254	ROLLBACK OF THIRD-PARTY INDEX FAILED; INDEXING DISABLED FOR DATA SET
-255	THIRD-PARTY INDEXING DISABLE FAILED; INDEXING DISABLED FOR DATABASE
-256	THIRD-PARTY INDEX FOR PATH <i>decimal integer: nn</i> IS FULL
-257	THIRD-PARTY INDEX FOR PATH <i>decimal integer: nn</i> IS DAMAGED
-258	INVALID ARGUMENT FOR INDEX
-259	INVALID MODE FOR INDEX
-260	NO PREVIOUS LIST OF QUALIFIED DATA ENTRIES
-261	DYNAMIC PROCEDURE LOAD ERROR FOR INTRINSIC ROLLBACK.
-262	OLDER/INCOMPATIBLE VERSION OF IMAGE/SQL.
-263	INVALID PCODE RETURNED BY TPI.

Return Status	DBERROR Message
-264	WRITE ERROR FOR TPI FILES.
-265	ERROR IN THIRD-PARTY SHADOWING PACKAGE.
-266	ERROR WHILE DISABLING THIRD-PARTY SHADOWING.
-267	DAMAGED FILE ERROR RETURNED BY THIRD-PARTY SHADOWING.
-268	INVALID PCODE RETURNED BY TPS.
-269	WRITE ERROR FOR TPS FILES.
-270	DATABASE WITH NEW LIMITS MAY OVERRUN USERS'S DBINFO BUFFER
-280	DBCONTROL MODE 18 NOT ALLOWED INSIDE A DYNAMIC TRANSACTION.
-3nn	INTERNAL TURBOIMAGE ERROR RETURNED (#n)
-305	INVALID DATA SET NUMBER.
-306	INVALID DATA SET TYPE.
-307	INVALID RECORD NUMBER FOUND.
-308	ERROR RELATED TO BEGINNING OF FILE.
-309	BUFFER IO NOT YET COMPLETE.
-310	ERROR RELATED TO END OF FILE.
-312	INTERNAL ERROR ENCOUNTERED WHILE READING DATABASE BLOCK.
-314	ERROR WHILE OBTAINING PATH INFORMATION FOR SET.
-322	INTERNAL TURBOIMAGE ERROR RETURNED nn
-323	UNEXPECTED EMPTY RECORD FOUND.
-331	DSET CAPACITY INFORMATION NOT CURRENT.
-332	ERROR IN QLOCK OPERATION.
-333	ERROR IN QOPEN OPERATION.
-420	FEATURE NOT IMPLEMENTED.
-421	BTE:UNKNOWN QUALIFIER VALUE FOR DBCONTROL MODE 13.
-422	BTE: DATA SET # NOT IN VALID RANGE.
-423	BTE: B-TREE ALREADY EXISTS.
-424	MESSAGE\BTE: FAILED TO CREATE B-TREE.
-425	MESSAGE\BTE: DB NOT OPENED EXCLUSIVELY.
-426	BTE: B-TREE DOESN'T EXIST.

Return Status	DBERROR Message
-427	BTE: FCLOSE, PURGE FAILED.
-428	BTE: REBUILDINDEX FAILED.
-429	BTE: DBFIND ARGUMENT VERSION IS BAD.
-430	BTE: DBFIND (mode 4/24) ARGUMENT TYPE IS BAD.
-431	BTE: DBFIND (mode 4/24) ARGUMENT #1 LENGTH IS BAD.
-432	BTE: WILDCARD NOT ASCII.
-433	BTE: DBFIND (MODE 4/24) ARGUMENT #2 LENGTH IS BAD.
-434	DATASET DETAIL INSTEAD OF MASTER.
-436	BTE: FAILED TO EXTRACT DATA FROM ROOT FILE.
-437	BTE: FAILED TO CONVERT @c TO [] DBFIND.
-438	BTE: BAD ITEM # IN INIT BTREE.
-439	BTE: CONVERSION OF KEY FROM EXTERNAL TO INTERNAL FORMAT FAILED.
-440	BTE: XM ATTACH OF INDEX FILE FAILED.
-441	BTE: XM DETACH OF INDEX FILE FAILED.
-442	BTE: RELEASE OF INDEX FILE FAILED.
-443	BTE: SECURE OF INDEX FILE FAILED.
-444	BTE: DBFIND ON NON-KEY FIELD OF MASTER.
-446	BTE: ARGUMENT 2 SPECIFIED FOR RELOP OF (</<=/>=>).
-447	BTE: FAILED TO BUILD RECORD HOLDING ROOT DATA INFORMATION.
-448	BTE: FAILED TO SETUP INFORMATION FOR USERLABEL 0 OF DATASET.
-449	BTE: FAILED TO POSITION INDEX AT START OF KEY RANGE.
-451	BTE: ROOT VERSION LESS THAN "C4".
-452	BTE: KEY LENGTH GREATER THAN 252 BYTES (MAXIMUM INDEX KEY SIZE).
-458	DBOPEN FAILED. OUT OF DISK SPACE
-1000	SWITCH TO NM FAILED ON <i>intrinsic name</i> , INFO <i>nn</i> SUBSYS <i>nn</i>
-1001	SWITCH TO CM FAILED ON CX'PCBXIMAGE
-1002	HPLOADCMPROCEDURE FAILED ON CX'PCBXIMAGE
-1003	SWITCH TO NM FAILED ON <i>intrinsic name</i> , INFO <i>nn</i> SUBSYS <i>nn</i>
-1004	HPLOADNMPROC FAILED ON CM <i>intrinsic name</i>

Return Status	DBERROR Message
-3999 to -3000	ERROR RETURNED BY THIRD-PARTY INDEXING PRODUCTS.
10	BEGINNING OF FILE
11	END OF FILE
12	DIRECTED BEGINNING OF FILE
13	DIRECTED END OF FILE
14	BEGINNING OF CHAIN
15	END OF CHAIN
16	<p>THE DATA SET IS FULL (The following messages are returned only if capacity expansion is specified for the data set. <i>Dataset#</i> and FSERR # are replaced by the actual number.)</p> <p>DBPUT CANNOT EXPAND <i>dataset#</i>: DATA SET AT MAXIMUM CAPACITY</p> <p>DBPUT <i>dataset#</i> INCOMPLETE EXPANSION: FILE SYSTEM ERROR #</p> <p>DBPUT CANNOT EXPAND <i>dataset#</i>: OUT OF DISC SPACE (FSERR #)</p>
17	<p>THERE IS NO CHAIN FOR THE SPECIFIED SEARCH ITEM VALUE</p> <p>THERE IS NO ENTRY WITH THE SPECIFIED KEY VALUE</p> <p>THERE IS NO PRIMARY SYNONYM FOR THE SPECIFIED KEY VALUE</p> <p>NO CURRENT RECORD OR THE CURRENT RECORD IS EMPTY (CONTAINS NO ENTRY)</p> <p>THE SELECTED RECORD IS EMPTY (CONTAINS NO ENTRY)</p>
18	BROKEN CHAIN - FORWARD AND BACKWARD POINTERS NOT CONSISTENT
20	DATABASE CURRENTLY LOCKED SETS OR ENTRIES LOCKED WITHIN DATABASE
22	DATA SET ALREADY LOCKED
23	CANNOT LOCK SET DUE TO LOCKED ENTRIES WITHIN IT (<i>Conditional Locks Only</i>)
24	ENTRIES CURRENTLY LOCKED USING DIFFERENT ITEM (<i>Conditional Locks Only</i>)
25	CONFLICTING DATA ENTRY LOCK ALREADY IN EFFECT
26	IMMINENT DEADLOCK.

Return Status	DBERROR Message
41	DBUPDATE ATTEMPTED TO MODIFY VALUE OF CRITICAL ITEM--KEY, SEARCH OR SORT (The following messages are returned only if the critical item update (CIUPDATE) option is permitted for the database and the current process. The bracketed numbers after the messages refer to the value in halfword 3 of the status array. The <i>nn</i> in the value represents the path number returned.) DBUPDATE: NO CHAIN HEAD (MASTER ENTRY) FOR PATH <i>decimal integer: nn</i> [<i>1nn</i>] DBUPDATE: FULL CHAIN FOR PATH <i>decimal integer: nn</i> (CONTAINS 2,147,483,647 ENTRIES) [<i>2nn</i>] DBUPDATE: FULL AUTOMATIC MASTER FOR PATH <i>decimal integer: nn</i> [<i>3nn</i>] DBUPDATE: FULL AUTOMATIC MASTER SYNONYM CHAIN FOR PATH <i>decimal integer: nn</i> [<i>4nn</i>]
42	DBUPDATE WILL NOT ALTER A READ-ONLY DATA ITEM
43	DUPLICATE KEY VALUE IN MASTER
44	CAN'T DELETE A MASTER ENTRY WITH NON-EMPTY DETAIL CHAINS
49	ILLEGAL BUFFER ADDRESS
50	USER'S BUFFER IS TOO SMALL FOR REQUESTED DATA (only returned if buffer is too small and the data transfer would write over in the user's stack)
51	STACK OVERFLOW FOR BASIC - IMAGE INTERFACE.
52	INVALID PARAMETER FOR BASIC - IMAGE INTERFACE.
53	INVALID PARAMETER TYPE FOR BASIC - IMAGE INTERFACE.
60	DATABASE ACCESS DISABLED
61	PROCESS HAS THE DATABASE OPEN 63 TIMES; NO MORE ALLOWED
62	DBG CONTROL BLOCK FULL
63	DBG DISABLED; POTENTIAL DAMAGE; ONLY DBCLOSE ALLOWED
64	NO ROOM FOR DBG ENTRY IN PCBX (MPE PORTION OF STACK)
65	CAN'T GRANT BUFFER REQUEST.
66	DBG POINTED TO BY ROOT FILE DOES NOT MATCH
67	DBU DISABLED; POTENTIAL DAMAGE; ONLY DBCLOSE ALLOWED
68	DBB DISABLED; POTENTIAL DAMAGE; ONLY DBCLOSE ALLOWED
69	BAD DATABASE (if database does not close normally and AUTODEFER is active)
71	LOGGING NOT ENABLED FOR USER.
72	TURBOLKT TABLE FULL.
73	ERROR IN TURBLKT TABLE OPERATION.

Return Status	DBERROR Message
1nn	NO CHAIN HEAD (MASTER ENTRY) FOR PATH <i>decimal integer: nn</i>
2nn	FULL CHAIN FOR PATH <i>decimal integer: nn</i> (CONTAINS 2,147,483,647 ENTRIES)
3nn	FULL AUTOMATIC MASTER FOR PATH <i>decimal integer: nn</i>
4nn	FULL AUTOMATIC MASTER SYNONYM CHAIN FOR PATH <i>decimal integer: nn</i>
944	WARNING: ASSUMING NO MESSAGE CATALOG
3000—3999	ERRORS RETURNED BY THIRD-PARTY INDEXING PRODUCTS
Others	UNRECOGNIZED RETURN STATUS: <i>decimal integer</i>