



DBMaker

Error and Message Reference



CASEMaker Inc./Corporate Headquarters

1680 Civic Center Drive

Santa Clara, CA 95050, U.S.A.

www.casemaker.com

www.casemaker.com/support

©Copyright 1995-2006 by CASEMaker Inc.

Document No. 645049-231314/DBM43-M01202006-ERRO

Publication Date: 2006-01-20

All rights reserved. No part of this manual may be reproduced, stored in a retrieval system, or transmitted in any form, without the prior written permission of the manufacturer.

For a description of updated functions that do not appear in this manual, read the file named README.TXT after installing the CASEMaker DBMaker software.

Trademarks

CASEMaker, the CASEMaker logo, and DBMaker are registered trademarks of CASEMaker Inc. Microsoft, MS-DOS, Windows, and Windows NT are registered trademarks of Microsoft Corp. UNIX is a registered trademark of The Open Group. ANSI is a registered trademark of American National Standards Institute, Inc.

Other product names mentioned herein may be trademarks of their respective holders and are mentioned only for information purposes. SQL is an industry language and is not the property of any company or group of companies, or of any organization or group of organizations.

Notices

The software described in this manual is covered by the license agreement supplied with the software.

Contact your dealer for warranty details. Your dealer makes no representations or warranties with respect to the merchantability or fitness of this computer product for any particular purpose. Your dealer is not responsible for any damage caused to this computer product by external forces including sudden shock, excess heat, cold, or humidity, nor for any loss or damage caused by incorrect voltage or incompatible hardware and/or software.

Information in this manual has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. This manual is subject to change without notice.

Contents

1	Introduction	1-3
1.1	Additional Resources	1-5
1.2	Technical Support	1-6
1.3	Document Conventions	1-7
2	ODBC Return Code Description	2-1
2.1	SQLCA	2-2
3	Warning Messages	3-1
3.1	Warning Messages 41-98.....	3-2
4	Error Messages	4-1
4.1	Error Messages 101-337.....	4-2
4.2	Error Messages 401-860.....	4-14
4.3	Error Messages 902-971	4-28
4.4	Error Messages 1002-1117.....	4-38
4.5	Error Messages 1201-1329.....	4-52
4.6	Error Messages 1401-2204.....	4-64
4.7	Error Messages 3001-3909.....	4-74
4.8	Error Messages 4001-4015.....	4-114

4.9	Error Messages 5001-5387	4-119
4.10	Errors 5502-5518 (DCI Errors).....	4-156
4.11	Errors 5601-5642 (XML Errors)	4-161
4.12	Error Messages 6002-6020	4-168
4.13	Error Messages 6101-6199	4-175
4.14	Error Messages 6201-6320	4-208
4.15	Error Messages 6501-6599	4-248
4.16	Error Messages 6600-6633	4-281
4.17	Error Messages 6802-6872	4-293
4.18	Error Messages 7102-7122	4-316
4.19	Error Messages 7501-7555	4-323
4.20	Error Messages 7701-7719	4-343
4.21	Error Messages 8001-8069	4-349
4.22	Error Messages 8325-8349	4-361
4.23	Error Messages 8401-8410	4-369
4.24	Error Messages 9150-9608	4-373
5	Abort Messages	5-1
5.1	Abort Messages 10105-18065	5-2
6	Disconnect Messages	6-1
6.1	Disconnect Messages 20901-21012.....	6-2
6.2	Disconnect Messages 21521-25350.....	6-7
7	Crash Messages	7-1
7.1	Crash Messages 30001-30017	7-2

1 Introduction

Welcome to DBMaker's Error and Message Reference Guide; DBMaker is a powerful and flexible SQL Database Management System (DBMS) that supports an interactive Structured Query Language (SQL), a Microsoft Open Database Connectivity (ODBC) compatible interface, Java Tool interface, DCI interface, and Embedded SQL for C (ESQL/C). The unique open architecture and interface give the freedom to build custom applications using a wide variety of programming tools.

DBMaker is easily scalable from a personal single-user database to distributed enterprise-wide databases. Regardless of the configuration chosen for a database using DBMaker, the advanced security, integrity, and reliability features ensure the safety of critical data. Extensive cross-platform support permits leverage of existing hardware now, and allows expansion and upgrading to more powerful hardware as the need arises.

DBMaker provides excellent multimedia handling capabilities, allowing for storing, searching, retrieving, and manipulating of all types of multimedia data types. Binary Large Objects (BLOBs) ensures the integrity of multimedia data by taking full advantage of the advanced security and crash recovery mechanisms built in DBMaker; File Objects (FOs) allows management of multimedia data while maintaining the capability to edit individual files in the source application.

This reference is intended for developers using the DBMaker database engine or anyone using DBMaker applications. The errors and messages contained in this book may be encountered when using the DBMaker application tools, developing

Error Reference and Message

applications based on DBMaker, or using in-house applications developed with DBMaker.

This book contains specific information on the errors and messages that may be encountered when using DBMaker. The information is divided into six sections, each containing a specific category of errors. The six sections are; information messages, warning messages, general error messages, abort error messages, disconnect error messages, and crash error messages.

Some of the errors contained in this manual relate directly to different aspects of DBMaker, such as SQL commands, the ODBC application programming interface, or ESQL/C. This book is only intended as a reference guide, users should interpret the error messages listed and take a course of action deemed suitable to a particular situation.

1.1 Additional Resources

DBMaker provides a complete set of DBMS manuals in addition to this one. For more details on a particular subject, consult one of the books listed below.

- *For an introduction to DBMaker's capabilities and functions, refer to the "DBMaker Tutorial".*
- *For more information on designing, administering, and maintaining a DBMaker database, refer to the "Database Administrator's Guide".*
- *For more information on DBMaker management, refer to the "JServer Manager User's Guide".*
- *For more information on DBMaker configurations, refer to the "JConfiguration Tool Reference".*
- *For more information on DBMaker functions, refer to the "JDBA Tool User's Guide".*
- *For more information on the dmSQL interface tool, refer to the "dmSQL User's Guide".*
- *For more information on the SQL language used in dmSQL, refer to the "SQL Command and Function Reference".*
- *For more information on the ESQL/C programming, refer to the "ESQL/C User's Guide".*
- *For more information on the native ODBC API, refer to the "ODBC Programmer's Guide".*
- *For more information on the native DCI API, refer to the "DCI User's Guide".*

1.2 Technical Support

CASEMaker provides thirty days of complimentary email and phone support during the evaluation period. When software is registered an additional thirty days of support will be included. Thus, extending the total support period for software to sixty days. However, CASEMaker will continue to provide email support for any bugs reported after the complimentary support or registered support has expired (free of charges).

Additional support is available beyond the sixty days for most products and may be purchased for twenty percent of the retail price of the product. Please contact sales@casemaker.com for more details and prices.

CASEMaker support contact information for your area (by snail mail, phone, or email) can be located at: www.casemaker.com/support. It is recommended that the current database of FAQ's be searched before contacting CASEMaker support staff.

Please have the following information available when phoning support for a troubleshooting enquiry or include the information with a snail mail or email enquiry:

- *Product name and version number*
- *Registration number*
- *Registered customer name and address*
- *Supplier/distributor where product was purchased*
- *Platform and computer system configuration*
- *Specific action(s) performed before error(s) occurred*
- *Error message and number, if any*
- *Any additional information deemed pertinent*

1.3 Document Conventions

This book uses a standard set of typographical conventions for clarity and ease of use. The NOTE, Procedure, Example, and CommandLine conventions also have a second setting used with indentation.

CONVENTION	DESCRIPTION
Italics	Italics indicate placeholders for information that must be supplied, such as user and table names. Words in italics should not be typed, but replaced by the actual name. Italics also introduce new words, and are occasionally used for emphasis in text.
Boldface	Boldface indicates filenames, database names, table names, column names, user names, and other database schema objects. It is also used to emphasize menu commands in procedural steps.
KEYWORDS	All keywords used by the SQL language appear in uppercase when used in normal paragraph text.
SMALL CAPS	Small capital letters indicate keys on the keyboard. A plus sign (+) between two key names indicates to hold down the first key while pressing the second. A comma (,) between two key names indicates to release the first key before pressing the second key.
NOTE	Contains important information.
➡ Procedure	Indicates that procedural steps or sequential items will follow. Many tasks are described using this format to provide a logical sequence of steps for the user to follow
Example	Examples are given to clarify descriptions, and commonly include text, as it will appear on the screen.
Command Line	Indicates text, as it should appear on a text-delimited screen. This format is commonly used to show input and output for dmSQL commands or the content in the dmconfig.ini file

Table 1-1 Document Conventions

Error Reference and Message

2 ODBC Return Code Description

2.1 SQLCA

Status codes for each executed SQL command are returned into the SQL

Communication Area (SQLCA). DBMaker uses variables contained in this data structure to pass status information to the C program, where the information can be analyzed and handled if any problems arise. Status information from the database server is returned through the SQLCA. It is the application program's responsibility to analyze the data and handle errors or warnings.

There are two ways to instruct the application program to examine the status codes in the SQLCA and handle errors and warnings. You can write the commands for this in C code or use the SQL, WHENEVER command, to generate error handling during C code preprocessing.



Example

SQLCA syntax definition:

```
#define MAX_ERR_STR_LEN 256
/*-----
 * SQLCA - the SQL Communications Area (SQLCA)
 *-----*/
typedef struct sqlca
{
    unsigned char sqlcaid[8]; /* the string "SQLCA " */
    long sqlcabc; /* length of SQLCA, in bytes */
    long sqlcode; /* SQLstatus code */
    long sqlerrml; /* length of sqlerrmc data */
    unsigned char sqlerrmc[MAX_ERR_STR_LEN]; /* name of object cause error */
    unsigned char sqlerrp[8]; /* diagnostic information */
    long sqlerrd[6]; /* various count and error code */
    unsigned char sqlwarn[8]; /* warning flag array */
    unsigned char sqlext[8]; /* extension to sqlwarn array */
} sqlca_t;
```

ODBC Return Code Description 2

```
#define SQLCODE sqlca.sqlcode /* SQL status code */
#define SQLWARN0 sqlca.sqlwarn[0] /* master warning flag */
#define SQLWARN1 sqlca.sqlwarn[1] /* string truncated */
```

DBMaker's error, warning, and other codes are stored in `sqlca.sqlerrd[0]`. The number of fetched rows is stored at `sqlca.sqlerrd[3]`. You can reference them when fetching more than one row in a `FETCH` statement. For more information, refer to the DBMaker “Error and Message Reference Guide”.

SQLCODE	MEANING
SQL_SUCCESS or 0	Success
SQL_ERROR or (-1)	Error
SQL_NO_DATA_FOUND or 100	No rows satisfied the search condition
SQL_SUCCESS_WITH_INFO or 1	Warning

Table 3-1 Sample Codes

al Error Reference and Message

3 Warning Messages

This chapter lists all warning messages that may be returned by DBMaker. Warning messages indicate that the execution status of a transaction is not normal and that DBMaker has already taken some internal action. Depending on the warning message, action may not be required, or modifications to the transaction or the database settings might be required, for the transaction to be completed.

3.1 Warning Messages 41-98

ERROR 41	
ODBC Return Code	SQL_NO_DATA_FOUND
ODBC SQL State	01000
Warning Message	no more tuples
Argument	None
Description	This error is returned when an SQLFetch() command is given and there are no more records that can be fetched in the result set.

Table 3-1 Warning Message 41

ERROR 43	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	an active transaction has been aborted
Argument	None
Description	While disconnecting from a database the last transaction is aborted or the database has been terminated, forcing other transactions to be aborted. This error may occur in situations where a database is running with the AUTOCOMMIT option set to OFF and an action occurs that forces user-transactions to be aborted.
Example	You disconnect from a database before issuing the COMMIT WORK command for your active transactions. Disconnecting from a database with the AUTOCOMMIT option set to OFF will abort any active transactions.
Solution	Commit your work before you disconnect from the database. Tell other connected users to commit their work and disconnect before you terminate the database.

Table 3-2 Warning Message 43

ERROR 44	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	could not lock temporary table
Argument	None
Description	Only permanent tables can be locked.
Solution	This is by design. Only permanent tables can be locked.
Example	A temporary table has been created, and a user then attempts to lock that table: tmpt1 (c1 int, c2 int lock table t1 in share mode). You tried to lock a temporary table, but only permanent tables can be locked. You should note that in the PC single-user model, if you try to lock a temporary table, no warning message would be given.

Table 3-3 Warning Message 44

ERROR 45	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	previous backup mode will be restored
Argument	old backup mode
Description	This error is returned when a user attempts to perform a full backup and then aborts the backup. The backup mode was changed during an on-line full backup, but the backup was aborted before it completed. To ensure consistency, DBMaker returns the database to the state it was in before the backup started when a backup is aborted. This restores the backup mode to the originally mode it was in before starting the backup.
Solution	This is by design. This warning is only a reminder for the user.

Table 3-4 Warning Message 45

ERROR 46	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	system tablespace build on raw device, it is not extendable
Argument	None
Description	The default system tablespace is extendable, but the existing database has it's default system file specified as a raw device. Raw devices are not extendable.

Table 3-5 Warning Message 46

ERROR 47	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	consistency check found errors
Argument	None
Description	When checking the consistency of a database an error is detected. According to the output error, fix the problem. There are inconsistencies in the database. This may result from hardware failures such as disk errors.
Solution	Please consult with CASEMaker product support personnel.

Table 3-6 Warning Message 47

ERROR 48	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	load option already set
Argument	None
Description	This error is returned when using dmSQL to load a database. This error may occur when the user loading the database adds an extra "set load on" call in the loading script.

Table 3-7 Warning Message 48

ERROR 49	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	load option is not set
Argument	None
Description	This error is returned when using dmSQL to load a database. This error may occur when the user loading the database omits the "set load on" call or adds the "set load off" call in the loading script.

Table 3-8 Warning Message 49

ERROR 50	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	no journal option already set
Argument	None
Description	This error is returned when trying to set the journal mode off and the journal mode has already been set to off.

Table 3-9 Warning Message 50

ERROR 51	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	no journal option is not set
Argument	None
Description	This error is returned when trying to set the journal mode on and the journal mode has already been set to on.

Table 3-10 Warning Message 51

ERROR 52	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	tried to wake a process, which no longer exists
Argument	None
Description	This error is returned when DBMaker tries to wakeup a database process, which is waiting for resources. However, the process no longer exists. Another user might have killed it. This error is just a warning to the user trying to use the process.

Table 3-11 Warning Message 52

ERROR 53	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	successfully rolled over these journal files, but more journal files are called for
Argument	None
Description	During a rollover process, the input backup journal file size is not the last journal file to process restore, an additional journal file is needed, if no more journal files are feed into the restore process, the SYSTEM will restore up to the last journal file status.

Table 3-12 Warning Message 53

ERROR 54	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot open a backup journal file for rollover:
Argument	file name
Description	During the rollover process the input backup journal file cannot be opened. The problem must be corrected, then reprocess the rollover.

Table 3-13 Warning Message 54

ERROR 55	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot read a backup journal file for rollover:
Argument	file name
Description	During the rollover process the input, backup journal file cannot be read. Solution The problem must be corrected, then the rollover reprocessed.

Table 3-14 Warning Message 55

ERROR 56	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot find valid journal status blocks (JSTS) in the backup journal file
Argument	file name
Description	During the rollover process, the input backup journal file is invalid. The wrong journal file might have been indicated. Some of the contents of the archived journal file are invalid or not in sequence. Correct the problem and refeed the correct journal file.
Solution	Give Server Manager another complete valid journal file. Correct the problem and refeed the correct journal file.

Table 3-15 Warning Message 56

ERROR 57	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	backup ID numbers of journal file are not in sequence:
Argument	file name and expected backup ID
Description	During the rollover process, the input backup journal file backup ID is not in sequence. The wrong journal file might have been indicated. Correct the problem and refeed the correct journal file.

Table 3-16 Warning Message 57

ERROR 58	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot close the backup journal file
Argument	file name
Description	This error is returned while performing a rollover because the journal file cannot be closed due to an OS error. Once the error has been corrected, reprocess the rollover.

Table 3-17 Warning Message 58

ERROR 59	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	the order of the journal file is wrong:
Argument	file name and expect journal file ordinal number
Description	One of the crashed journal files is not in the correct sequence to do a rollover.
Solution	Give the crashed journal files to Server Manager in the correct sequence.

Table 3-18 Warning Message 59

Warning Messages 3

ERROR 60	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	not enough journal files available to complete rollover:
Argument	valid number of crashed journal files
Description	There are not enough crashed journal files to do a rollover. During a rollover process the user does not feed in the complete set of crashed journal files.
Solution	If the database has "N" journal files, you must give "N" crashed journal files. Please give the valid amount (N) of crashed journal files to Server Manager. Otherwise, give none to Server Manager.

Table 3-19 Warning Message 60

ERROR 61	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	file size of backup journal files is invalid:
Argument	file name, expected file size
Description	During a rollover process, the input backup journal file entry is wrong. The user may have used the wrong journal file, replace it and refeed the correct journal file.

Table 3-20 Warning Message 61

ERROR 62	
ODBC Return Code	SQL_NO_DATA_FOUND
ODBC SQL State	01000
Warning Message	cannot get any more data from the column
Argument	None
Description	This error is returned when a user attempts a get data call, SQLGetData(), from a column and there is no data in the column.

Table 3-21 Warning Message 62

ERROR 63	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01004
Warning Message	data truncated when converting from different type
Argument	None
Description	This error is returned when a user attempts to convert one data type to another and the data gets truncated.
Example	Decimal type data "123.44" converted to integer type data becomes "123".

Table 3-22 Warning Message 63

ERROR 64	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01004
Warning Message	buffer not large enough, data truncated
Argument	None
Description	This error is returned when a user attempts to GET/PUT data and the buffers for the data are too small.
Example	Data length = 1000 characters; put data command but the buffer length is < 1000;

Table 3-23 Warning Message 64

ERROR 66	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01S02
Warning Message	option value changed
Argument	None
Description	The value of the option has been changed, but the old value is still being used.
Example	If SQLSetStmtAttr is used with, the SQL_ATTR_MAX_ROWS attribute to set a new maximum row value on an open cursor the driver will return this warning.
Solution	The new value will be used with the next cursor.

Table 3-24 Warning Message 66

ERROR 67	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01006
Warning Message	dba privilege cannot be revoked because specified user has no dba privilege
Argument	None
Description	This error is returned when a user attempts to revoke DBA privileges from another user, who does not have DBA privileges.
Example	Revoke DBA from user1; (user1 has no DBA privileges).

Table 3-25 Warning Message 67

ERROR 68	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01006
Warning Message	resource privilege cannot be revoked because specified user has no resource privilege
Argument	None
Description	This error is returned when a user attempts to revoke RESOURCE privileges from another user, who does not have RESOURCE privileges
Example	Revoke RESOURCE from user1; (user1 does not have RESOURCE privileges).

Table 3-26 Warning Message 68

ERROR 69	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01006
Warning Message	privilege cannot be revoked because specified user has no such privilege
Argument	sel del alter index ins upd ref
Description	This error is returned when a user attempts to revoke a specific privilege, sel/del/alter/index/ins/upd/ref, from another user, who does not have the specified privilege.
Example	Revoke insert on t1 from user1; (user1 does not have insert privileges)

Table 3-27 Warning Message 69

ERROR 70	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	backup server doesn't exist
Argument	None
Description	This error is returned when a journal file is full and the backup server is called but the backup server is unresponsive. When the journal is almost full and the backup server is called, DBMaker finds the backup server does not exist in the system. This error occurs when both backup mode and backup server are on.
Solution	When the journal is full, manually perform a backup. Terminate the database and then restart it and the backup server.

Table 3-28 Warning Message 70

ERROR 71	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	when loading library, library file not found or invalid function found
Argument	None
Description	This error is returned when DBMaker cannot load the function library because the library file was not found when creating, starting, or connecting to the database.

Table 3-29 Warning Message 71

ERROR 72	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	only full journal files were backed up
Argument	None
Description	This error is returned when the compact backup and the incremental backup form a loop.

Table 3-30 Warning Message 72

ERROR 73	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	database is already in the same backup mode the user tried to set
Argument	None
Description	None

Table 3-31 Warning Message 73

ERROR 74	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01007
Warning Message	specified user already has all privileges on this table
Argument	uid
Description	This error is returned when a user attempts to grant specific privileges to another user, who already has full privileges over the object.
Example	Grant all on t1 to user1; (user1 already has all privileges on t1).

Table 3-32 Warning Message 74

Warning Messages 3

ERROR 75	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01007
Warning Message	specified user already has such privileges
Argument	uid, SEL DEL ALTER INDEX INS UPD REF
Description	This error is returned when a user attempts to grant specific privileges to another user, who already has the specified privileges over the object.
Example	Grant select to user1; (user1 already has select privileges)

Table 3-33 Warning Message 75

ERROR 76	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01007
Warning Message	the specified user already exists
Argument	None
Description	This error is returned when a user attempts to grant CONNECT privileges to a user, who already has CONNECT privileges.
Example	Grant connects to user1, (user1 already exists in the database).

Table 3-34 Warning Message 76

ERROR 77	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01007
Warning Message	dba privilege already been granted to user
Argument	None
Description	This error is returned when a user attempts to grant DBA privileges to a user that already has DBA privileges.
Example	Grant DBA to user1; (user1 already has DBA privileges).

Table 3-35 Warning Message 77

ERROR 78	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01007
Warning Message	resource privilege already been granted to user
Argument	None
Description	This error is returned when a user attempts to grant RESOURCE privileges to a user, who already has RESOURCE privileges.
Example	Grant RESOURCE to user1; (user1 already has RESOURCE privileges).

Table 3-36 Warning Message 78

ERROR 79	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	invalid value in configuration file
Argument	None
Description	This error is returned when there is an invalid value in the configuration file.
Solution	
Example	Connection time: user sets an invalid value of -5 for DB_LTIMO. (Valid values: -1~65535; Default value = 5).

Table 3-37 Warning Message 79

Warning Messages 3

ERROR 80	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	tried to change user mode to single, but database is already in single user mode
Argument	None
Description	This error is returned when a user tries to change the database user mode to single-user mode when the database is already started in single-user mode.

Table 3-38 Warning Message 80

ERROR 81	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	tried to load a view with an invalid definition
Argument	None
Description	This error is returned when a user attempts to load an invalid view.
Example	<pre>create table t2 (c1 int); create view v1 as select * from t2 where c1 in (select * from t1); alter table t1 add c2 int; unload db to TTT; disconnect; create db db2 load db from TTT;</pre> (By altering t1 after creating the view, the view becomes invalid because the view is, in part, based on t1.)

Table 3-39 Warning Message 81

ERROR 82	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	duplicate names exist in user list
Argument	None
Description	This error is returned when a user attempts to add/remove a user to the database or to a group when the user to be added/removed already exists/doesn't exist.
Example	Example 1: add user1, user1 to group g1; Example 2: remove user1, user1 from group g1;

Table 3-40 Warning Message 82

ERROR 83	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	common words are included in the search pattern
Argument	None
Description	Some high frequency stop words are included in the search pattern

Table 3-41 Warning Message 84

ERROR 84	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	BLOB has been dropped
Argument	None
Description	This error is returned when a user attempts to select BLOB data using transaction isolation mode of read uncommitted. The data is deleted while the user still holds the BLOB data handle.

Table 3-42 Warning Message 84

ERROR 85	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	this BLOB has been truncated to zero after rollover, the data may be incorrect
Argument	None
Description	This error is returned when the database is not set up to backup BLOB data. When the database is being restored, the BLOB data will be truncated and its length will be set to zero.

Table 3-43 Warning Message 85

ERROR 86	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	load file object: file does not exist, please make sure it exists in the specified location
Argument	file name
Description	This error is returned when a user attempts to load data into the database. Some of the data is FILE type data and the physical file does not exist in the specified location.

Table 3-44 Warning Message 86

ERROR 87	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	some specific ACL settings don't exist
Argument	settings
Description	When revoking ACL settings, the setting may not exist!

Table 3-45 Warning Message 87

ERROR 88	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	transaction commit directly since no update in transaction
Argument	None
Description	When preparing to commit, if there is no update in the transaction, DBMaker will directly commit the transaction. The caller does not need to issue the commit transaction command again.

Table 3-46 Warning Message 88

ERROR 89	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot start GTRECO server
Argument	None
Description	This warning is returned when DBMaker cannot open the dmconfig.ini file to modify the DD_GTITV configuration value. The global transaction recovery daemon cannot be started due to the invalid value.

Table 3-47 Warning Message 89

ERROR 90	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	attempted to change read mode to dirty on a connection run in dirty-read mode
Argument	None
Description	This error is returned when a user attempts to set the "dirty read" mode in the database when the database was started with the "dirty-read" mode set.

Table 3-48 Warning Message 90

ERROR 91	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot start daemon in single-user mode
Argument	None
Description	None

Table 3-49 Warning Message 91

ERROR 92	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	database might be corrupted, please perform DBCC
Argument	None
Description	While updating statistics, DBMaker indicates that the database might be corrupted. Perform a Database Concurrency Check (DBCC) to check the error.

Table 3-50 Warning Message 92

ERROR 93	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01S01
Warning Message	error found in applying operation upon one row of rowset
Argument	None
Description	This error is returned when one row in a rowset has an error during the operation of SQLSetPos().

Table 3-51 Warning Message 93

ERROR 94	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	cannot start I/O server
Argument	None
Description	This warning is returned when there is a failure to start the I/O demon because of an incorrect configuration value. You may find this message in the ERROR.LOG. Failure to start I/O daemon because cannot open dmconfig.ini; Invalid values of DB_IOITV, DB_IOBUF, or DB_IOSCA. Database server fails to start.
Solution	Check the dmconfig.ini file settings.

Table 3-52 Warning Message 94

ERROR 95	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	log data of asynchronous table replication is not written
Argument	real error
Description	This error is returned when the log data of an asynchronous replication could not be written. The real error is in the argument. The master site operation cannot be aborted.

Table 3-53 Warning Message 95

ERROR 96	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	a new online full backup is required before making an incremental backup.
Argument	None
Description	This is a warning during database start up. You have no valid online full backup or some operations have caused a previous full backup to be invalid, and the backup mode is turned on. Please make sure you have a valid full backup before creating incremental backups.

Table 3-54 Warning Message96

ERROR 97	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	returned value is NULL, without indicator variable to check
Argument	nth output column
Description	This error is returned when, for a query in an ESQL's program, the returned value is NULL, but there is no accompanying indicator variable after the output variable to get the NULL information.
Example	EXEC SQL select c1,c2 from t1 where c3 = 100 into :c1, :c2; If c1 or c2 is null, this warning is returned. To prevent this warning, the user should code as follows: declare the indicator variable as an integer in the declare section; EXEC SQL select c1, c2 from t1 where c3 = 100 into :c1 :ind1, :c2 :ind2;

Table 3-55 Warning Message 97

ERROR 98	
ODBC Return Code	SQL_SUCCESS_WITH_INFO
ODBC SQL State	01000
Warning Message	fail to initial environment and shutdown daemon
Argument	daemon name
Description	This error is returned when a DBMaker daemon could not start/shutdown because of an OS error.

Table 3-56 Warning Message 9

4 Error Messages

This chapter lists all general error messages that may be returned by DBMaker. General error messages indicate the execution of a transaction has been terminated due to an unexpected condition. The cause of the error is indicated by the error message. Some modifications to the transaction or the database settings are required in order for the transaction to be successfully completed.

4.1 **Error Messages 101-337**

ERROR 101	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	not enough space to insert object
Argument	in data/BLOB file
Description	This error is returned when an extendable tablespace can no longer have objects inserted due to the disk being full. This error is also returned when a non-extendable tablespace is full.
Solution	Add a new data file to the tablespace. Refer to the "<i>DBA Tool User's Guide</i>" for instructions on how to add data files to a tablespace. Add a new BLOB file to the tablespace. Refer to the "<i>DBA Tool User's Guide</i>" for instructions on how to add BLOB files to a tablespace. Add a new BLOB file to the tablespace. Refer to the "<i>DBA Tool User's Guide</i>" for instructions on how to add BLOB files to a tablespace. Ask your system administrator to free disk space for use by the database or add more storage.
Example	A user tried to insert a data record but all the data files in the tablespace are full. A user tried to insert a BLOB record but all the BLOB files in the tablespace are full. A user tried to insert a BLOB record but no BLOB file exists in the tablespace. No disk space remains on the system.

Table 4-1 Error Message 101

ERROR 115	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	schema does not exist, invalid schema name
Argument	N/A
Description	This error is returned when a user specifies, a schema that does not exist or an invalid schema name.
Example	Example 1: A user tries to create table t1 on schema s1, when schema s1 does not exist. Example 2: A user attempts to drop schema s1, when schema s1 does not exist.

Table 4-2 Error Message 115

ERROR 116	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	schema already exists
Argument	N/A
Description	This error is returned when a user tries to create a schema when another schema exists with the same name.

Table 4-3 Error Message 116

ERROR 117	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user cannot drop schema which contains any objects
Argument	object name, i.e. table, synonym or domain, etc.
Description	This error is returned when a user attempts to drop a schema, which contains schema objects.
Solution	Drop the remaining schema objects from the schema and then drop the schema.

Table 4-4 Error Message 117

ERROR 303	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	want to fetch BLOB data from invalid offset
Argument	None
Description	This error is returned when the offset value is less than 0 or greater than the size of BLOB data.

Table 4-5 Error Message 303

ERROR 304	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB buffer size
Argument	None
Description	This error is returned when the size of the input BLOB buffer is less than 0 or it is not large enough to save the whole string used to FETCH the file name of the File Object.

Table 4-6 Error Message 304

ERROR 305	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB OID
Argument	None
Description	This error is returned when the engine function uses an invalid BLOB OID to access the BLOB. This could be due to accessing a deleted or non-existent BLOB, using the wrong format of the BLOB OID, etc.

Table 4-7 Error Message305

ERROR 308	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB pe entry
Argument	None
Description	This error is returned while attempting to GET an allocated BLOB frame, the BLOB belongs to an invalid BLOB PE entry. The BLOB file containing the bad frame is damaged.

Table 4-8 Error Message 308

ERROR 309	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB frame OID
Argument	None
Description	This error is returned when trying to GET the next DIR1 frame, DIR2 frame or DATA frame using an invalid frame OID. The OID may come from a bad frame. The BLOB file containing the bad frame is damaged.

Table 4-9 Error Message 309

ERROR 310	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	got a damaged BLOB frame, invalid uTim2 on the BLOB frame
Argument	None
Description	This error is returned when while reading a frame from the disk, the frame has a different timestamp image. It means that this frame is not a complete one. The BLOB file containing the bad frame is damaged.

Table 4-10 Error Message 310

ERROR 311	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB frame type
Argument	None
Description	This error is returned when while reading a BLOB frame, the frame is not a DIR1, DIR2 or DATA frame. The BLOB file containing the bad frame is damaged.

Table 4-11 Error Message 311

ERROR 312	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB frame header
Argument	None
Description	This error is returned when while reading a BLOB frame from the disk, the frames' data structure is wrong. The BLOB file containing the bad frame is damaged.

Table 4-12 Error Message 312

ERROR 315	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user file does not exist on server
Argument	file name
Description	This error is returned when while linking a user file object, the server fails to find the external physical file corresponding with it. The linking operation may occur when inserting, updating or moving file objects.

Table 4-13 Error Message 315

ERROR 316	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot link user file object when DB_USRFO = 0
Argument	DB_USRFO
Description	For security reasons, the updating of the user file objects can be disabled. The DB_UsrFo keyword in the configuration file is the switch for modifying the user file objects.
Solution	Terminate the database and turn on the user file object option by setting the keyword DB_USRFO = 1 in the dmconfig.ini file. Then restart the database and execute the command again.
Example	A user tried to link an external file to the database as a user file object, but the user file object option has been turned OFF in the dmconfig.ini file.

Table 4-14 Error Message 316

ERROR 317	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid user file object path, should be a full path
Argument	file object path
Description	The absolute directory must be used instead of the relative one.

Table 4-15 Error Message317

ERROR 318	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file object's physical file was not found
Argument	file name
Description	Before modifying the name of file objects, the physical file with the new name must exist.

Table 4-16 Error Message 318

ERROR 319	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file object's physical file is a directory, should be a file
Argument	file name
Description	A file object cannot be linked to a directory.

Table 4-17 Error Message 319

ERROR 320	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no read permission on file object
Argument	file name
Description	The database server tries to link a File Object to an external physical file without having read permission on the file object.

Table 4-18 Error Message 320

ERROR 321	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file object name exceeds maximum length
Argument	file name
Description	The length of an external physical file name is too long to save as a File Object.

Table 4-19 Error Message 321

ERROR 322	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no file object directory in configuration file; cannot insert file object
Argument	DB_FODIR
Description	When trying to enable the system file object INSERT operation, set the DB_FoDir keyword to the FO directory where the system file objects are placed.

Table 4-20 Error Message 322

ERROR 325	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid filename, (filename ends with a slash)
Argument	None
Description	A backslash cannot be added to the end of a file name.

Table 4-21 Error Message 325

ERROR 326	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the target file object already exists in SYSFILEOBJ catalog
Argument	target file name
Description	While moving a File Object, the new filename already exists in the catalog.

Table 4-22 Error Message 326

ERROR 327	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the blob column is not opened or has not been created yet
Argument	None
Description	Before accessing data, you should first create a new temporary BLOB file or open an existing BLOB file to GET a handle for the next process.

Table 4-23 Error Message 327

ERROR 328	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the offset of blob column is invalid
Argument	None
Description	The input argument is the wrong seek type, or the new offset is out of range of the BLOB data. There are three seek types in DBMaker: current position + offset, begin position + offset, and end position + offset.

Table 4-24 Error Message 328

ERROR 330	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this BLOB was not in opened state
Argument	None
Description	This error is returned when a user tries to read a BLOB file that has not been opened. A BLOB file can only be read when it is in an opened state.

Table 4-25 Error Message 330

ERROR 331	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this BLOB was not in created state
Argument	None
Description	This error is caused by a BLOB file, that was not created for writing.

Table 4-26 Error Message 331

ERROR 332	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the BLOB object is not close yet
Argument	None
Description	While in the User Defined Function BLOB Common Interface a user forgets to close the opened or created BLOB before returning from the User Defined Function Common Interface.

Table 4-27 Error Message 332

ERROR 333	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	general error while converting data format
Argument	None
Description	It is used in the multi-media module. There are many kinds of errors while converting MS Word to pure text. Those errors are all regarded as the same error.

Table 4-28 Error Message 333

ERROR 334	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	alias of file object was not found
Argument	alias name
Description	This error is returned when an alias that does not exist in the system is used while trying to access File Objects.

Table 4-29 Error Message 334

ERROR 335	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of the alias name exceeds the maximum length
Argument	length of the alias name
Description	The length of the alias name cannot exceed the identifier's length, i.e. LEN_DBID.

Table 4-30 Error Message 335

ERROR 336	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the alias already exists
Argument	alias name
Description	The alias name you are trying to use already is used by another alias.

Table 4-31 Error Message 336

ERROR 337	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	blob data exceeds 2G
Argument	N/A
Description	The size of blob data you are manipulating cannot exceed 2G.

Table 4-32 Error Message 337

4.2 Error Messages 401-860

ERROR 401	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	unique key violation
Argument	INDEX OID
Description	This error is returned when: A user tried to create a unique index, but the key columns contain duplicate values. A user tried to insert a duplicate value into a column that has unique index on it.
Solution	This is by design. You cannot create a unique index on columns that contain duplicate values, and you cannot insert a duplicate value into a column that has a unique index on it. This is part of the definition of a unique index.

Table 4-33 Error Message 401

ERROR 402	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate columns are specified in the column list
Argument	None
Description	In ci calls, , create Index/Foreign key or Insert/Update column projection contains duplicate column IDs.

Table 4-34 Error Message 402

ERROR 404	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid foreign key OID, the storage could be corrupted
Argument	None
Description	This error is returned when the engine's foreign key catalog's linked list is damaged.

Table 4-35 Error Message 404

ERROR 408	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	cannot drop an index that has a foreign key referring to it
Argument	None
Description	This error is returned when a user attempts to drop an index that has a foreign key referring to it.
Example	table t1(c1) unique index x1 on t1(c1) foreign key t2(c1) -> t1(c1) drop table t1 or drop index x1

Table 4-36 Error Message 408

Error Reference and Message

ERROR 409	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	referential constraint violation: key is being referenced by foreign table
Argument	None
Description	This error is returned when a user attempts to delete or update a record that effects a key, but the key is referenced by a foreign key.
Example	FK t1(c1) -> t2(c1 PK) t1 has {1,2} t2 has {1,2,3} delete t2 where c1 = 1

Table 4-37 Error Message 409

ERROR 410	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	referential constraint violation: value does not exist in parent key
Argument	None
Description	This error is returned for two reasons: When inserting or updating a record, the effected new key does not exist in the referenced table of the foreign key. When creating a foreign key, some of the referencing keys do not exist in the referenced table.

Table 4-38 Error Message 410

ERROR 411	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The column expression does not have a column name.
Argument	None
Description	The column expression for creating index should include at least a column name.
Example	create index idx1 on t1 (1);

Table 4-39 Error Message 411

ERROR 412	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The column expression cannot use the BLOB data type.
Argument	None
Description	The column expression for creating index cannot be BLOB type.
Example	create index idx1 on t1 (SUBBLOB(c1, 3, 4));

Table 4-40 Error Message 412

ERROR 605	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	incompatible file version:
Argument	db file version, itself file version (information from ENG)
Description	The database was created with a version of DBMaker different from the one you are using, and the file format of these two versions is not compatible.
Solution	Use the version of DBMaker that was used to create the database, or a version with a compatible file format. If you want to use the database with another version of DBMaker that has an incompatible file format, you must unload the database with the compatible version, and load it again with the new version. For more information on the Load and Unload commands, refer to the " <i>dmSQL User's Guide</i> ". For information on which versions of DBMaker have compatible file formats, consult with CASEMaker product support personnel.

Table 4-41 Error Message 605

ERROR 606	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	incompatible byte ordering:
Argument	system's byte ordering, data file's ordering
Description	This error will occur when a database is created and used on machines with CPUs having a different low/hi byte sequence.
Solution	Unload the database on the original machine and create a new, empty database on the target machine. Then load the database into the new database.
Example	If a user creates a database on one machine with an Intel CPU, and then moves the database to another machine with a Motorola CPU, this error message is returned when the user tries to start it.

Table 4-42 Error Message 606

ERROR 607	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	database name does not match with database name recorded in file:
Argument	database names
Description	The name of the database you want to start is different from the name of the database recorded internally in the database file. This error will occur if you tried to manually change the name of the database in the host operating system and the dmconfig.ini file. Since, a database created with DBMaker also records the database name internally, the database will not start for consistency reasons.
Solution	Unload the database and create a new, empty database with the name you want to use. Then load the database into the new database.

Table 4-43 Error Message 607

ERROR 608	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	system information page format in db file is invalid:
Argument	None
Description	The database was created with a version of DBMaker different from the one you are using, and the file format of these versions is not compatible.
Solution	Use the version of DBMaker used to create the database, or a version with a compatible file format. If you want to use the database with another version of DBMaker, you must Unload the database with the compatible version, and Load it with the new version. For more information on the Load and Unload commands, refer to the " <i>SQL Command and Function Reference</i> ". For information on which versions of DBMaker have compatible file formats, consult with CASEMaker product support personnel.

Table 4-44 Error Message 608

ERROR 609	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of journal files (in configuration file) does not match with system information
Argument	two numbers of journal files
Description	The number or size of the journal files you specified in the dmconfig.ini file is different from the system information recorded in the database. The database will not start for consistency reasons.
Solution	Use NEW JOURNAL mode to change the number and size of the journal files. For more information on how to use NEW JOURNAL mode, refer to the "Database Administrator's Guide".

Table 4-45 Error Message 609

ERROR 610	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	journal file size (in configuration file) does not match with system information:
Argument	two sizes of journal file
Description	This error is returned when the journal setting (DB_JNFIL), in the configuration file after restarting the database, is incorrect, or when trying to create a new journal, the file is not started in new journal mode.

Table 4-46 Error Message

ERROR 612	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Read only tablespaces cannot be updated.
Argument	None
Description	Read only tablespaces cannot be updated.

Table 4-47 Error Message 612

ERROR 613	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The updating tablespace cannot be set as read only. Terminate all transactions on the tablespace.
Argument	None
Description	A tablespace with update operations in progress cannot be set as read only.

Table 4-48 Error Message 613

ERROR 614	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The system tablespace cannot be set as read only.
Argument	None
Description	The system tablespace cannot be set as read only.

Table 4-49 Error Message 614

ERROR 615	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The index is built on the read-only tablespace.
Argument	the index OID
Description	None.

Table 4-50 Error Message 615

ERROR 701	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	replication server (rp_send) does not exist
Argument	None
Description	Users try to set the replication parameters on-line for the rp_send server in the primary side of database replication environment, but it does not start up.

Table 4-51 Error Message 701

ERROR 702	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	replication server (rp_apply) does not exist
Argument	None
Description	The rp_rcv and rp_apply servers are co-workers on the slave side of the database replication environment, but rp_rcv finds that rp_apply does not start up.

Table 4-52 Error Message 702

ERROR 703	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	different server type, cannot execute replication
Argument	None
Description	This error is returned when the primary and slave sites have different machine byte ordering. Database replication only works when the same machine byte ordering is used.

Table 4-53 Error Message 703

ERROR 704	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot open/create RPLOG file
Argument	None
Description	This error is returned when there is a failure to open or create the database replication log file (RP.LOG).

Table 4-54 Error Message 704

ERROR 705	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	try to connect to a primary site which is not a primary site
Argument	None
Description	This error is returned when rp_rcv receives data from a site that is not a primary site.

Table 4-55 Error Message 705

ERROR 706	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	rp_rcv received a backup file with wrong backup ID
Argument	None
Description	The problem may be caused by backup files being lost. rp_apply server must restore the backup file to the slave database according to the sequence of the backup ID.

Table 4-56 Error Message 706

ERROR 707	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no backup server, cannot start replication server
Argument	None
Description	This error is returned when the rp_send server tries to co-operate with the backup server and the backup server encounters problems starting, both must start up together for replication.

Table 4-57 Error Message 707

ERROR 814	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid connection ID
Argument	None
Description	This error is returned when another user has killed the connection or a non-existent session is killed.

Table 4-58 Error Message 814

ERROR 853	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	time-out value is invalid
Argument	invalid value and valid time out value range
Description	An invalid lock timeout value was specified in the parameter of the ODBC function SQLSetConnectOption().
Solution	The default lock timeout value is 5 seconds. The valid value range for lock timeout is from -1 to 2147483648. If you specify -1 as the value, the process will wait until the lock is released (i.e. disable lock timeout).

Table 4-59 Error Message 853

ERROR 854	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of pages in file is invalid
Argument	filename, invalid nPage and valid range
Description	This error is returned when the dmconfig.ini file has a specified number of file pages that is invalid or the file has been altered with an invalid value. The valid number of file pages are 2 - 0x7ffff.

Table 4-60 Error Message 854

ERROR 855	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file object directory in configuration file is invalid; should be a full path
Argument	file object path
Description	This error is returned when the dmconfig.ini file keyword entry for DB_FODIR is not the full path value.

Table 4-61 Error Message 855

ERROR 856	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of file object directory in configuration file exceeds maximum length
Argument	file object length
Description	This error is returned when the length of the path name of a file object exceeds 64 bytes.

Table 4-62 Error Message 856

ERROR 857	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	directory path specified in configuration file is not a directory
Argument	keyword in configuration file
Description	This error is returned when the dmconfig.ini file keyword entry for DB_FODIR/DB_SPDIR/DB_SPLOG/DB_BKDIR is not a directory.

Table 4-63 Error Message 857

ERROR 858	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no read/write permission on directory in configuration file
Argument	keyword in configuration file
Description	This error is returned when a user attempts to alter the dmconfig.ini file keyword entry for DB_FODIR/DB_SPDIR/DB_SPLOG/DB_BKDIR.

Table 4-64 Error Message 858

ERROR 859	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	directory in configuration file does not exist
Argument	keyword in configuration file
Description	This error is returned when the dmconfig.ini file keyword entry for DB_FODIR/DB_SPDIR/DB_SPLOG/DB_BKDIR does not exist.

Table 4-65 Error Message 859

ERROR 860	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no read permission on directory in configuration file
Argument	keyword in configuration file
Description	This error is returned when a user attempts to read the dmconfig.ini file keyword entry for DB_FODIR/DB_SPDIR/DB_SPLOG/DB_BKDIR.

Table 4-66 Error Message860

4.3 **Error Messages 902-971**

ERROR 902	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	database terminated or not started yet
Argument	None
Description	There are two situations in which this error message might occur: A user tries to connect to a database, which has not been started. This error message will also occur if the START DB command has been issued, but the database has not yet finished starting when a user tries to connect.
Solution	Wait for the database to finish starting or Kill the server process and restart the database.
Example	One user starts a database and another user tries to connect to the database at approximately the same time. If the start operation has not finished, the second user will receive this error message. In the Unix client/server model, if the shared memory allocated to a DBMaker server is removed without killing the server, then any client applications that try to connect to the server will receive this error message.

Table 4-67 Error Message 902

ERROR 903	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	database already started
Argument	None
Description	This error is returned when a user tries to start a database, which has already been started.
Solution	Whatever the case is, seek the active session or process and turn it off.
Example	Example 1: Under terminal mode, another session had already started this database. The other session tried to start it again. Example 2: Under client-server mode, this database server process had already started. The other session tried to activate another database server process.

Table 4-68 Error Message 903

ERROR 905	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	connection already terminated by another process
Argument	None
Description	None

Table 4-69 Error Message 905

ERROR 907	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot kill your own connection
Argument	None
Description	This error is returned when a user attempts to kill their own connection.

Table 4-70 Error Message 907

ERROR 909	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08002
Error Message	database already connected
Argument	None
Description	This error is returned when a user attempts to connect to a database, when they are already connected to the database.

Table 4-71 Error Message 909

ERROR 910	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tried to connect to a database run in single user mode
Argument	None
Description	This error is returned when a user tries to connect to a server database that is in single-user mode. (Single-user mode has the database and client running on the same machine.)

Table 4-72 Error Message 910

ERROR 918	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot perform this operation: user licenses exceeded
Argument	None
Description	This error is returned when the user licenses reach the maximum allowable number of users. Only a user with DBA connection privileges can connect to the database to perform limited operations, like the select operation, when the number of licences is exceeded.

Table 4-73 Error Message 918

ERROR 920	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the license for this product has expired
Argument	None
Description	This error is returned when the time allowed, for the demo version use of DBMaker, has expired (over 90 days). (Sometimes, a valid user will try to upgrade, an older version of a database, to a newer one using a trial version. Using a trial license most of the original database will not function.
Solution	The user could start the database using the old version and unload the database. Then the user can create a new database using the newer version of software. Finally, reload the database. The database could then be used for 90 days.

Table 4-74 Error Message 920

ERROR 921	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the database size exceeds the maximum size allowed for demo product
Argument	None
Description	This error is returned while creating a database/using a demo version of DBMaker, and the size of the database that a user wants to create exceeds the demo product's allowable maximum size.

Table 4-75 Error Message 921

ERROR 922	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create a file in demo product
Argument	None
Description	None

Table 4-76 Error Message 922

ERROR 923	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot kill daemons' connections
Argument	None
Description	This error is returned when a user tries to kill the connection of a daemon. Users cannot kill the daemons' connection.

Table 4-77 Error Message 923

ERROR 924	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Connections in the process of rollback cannot be terminated
Argument	None
Description	Terminating connections with their associated transactions in rollback process is not allowed.

Table 4-78 Error Message 924

ERROR 952	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index or sort key exceeds maximum length,
Argument	index key length and system max. key length(constant)
Description	This error is returned when a user attempts to create an index with the key length longer than 1024, or order by with an order attribute length longer than 1024.

Table 4-79 Error Message 952

ERROR 954	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop a non-empty tablespace
Argument	None
Description	This error is returned when a user tries to drop a tablespace, which has table data on it.

Table 4-80 Error Message 954

ERROR 958	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create extensible tablespace on a raw device
Argument	None
Description	None

Table 4-81 Error Message 958

ERROR 960	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter the size of a file which is base on a raw device
Argument	None
Description	None

Table 4-82 Error Message 960

ERROR 961	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	serial column already exist
Argument	None
Description	This error is returned when a user attempts to add a serial column to a table that already has a serial column.

Table 4-83 Error Message 961

ERROR 962	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	serial number over the maximum value
Argument	Error
Description	This error is returned when a serial columns' value exceeds the maximum limit.

Table 4-84 Error Message 962

ERROR 963	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tablespace type is already non-autoextend/autoextend
Argument	None
Description	This error is returned when a user tries to modify the tablespace type, and the tablespace is already set to the type.
Example	A user attempts to change a non-autoextend table space to a non-autoextend tablespace.

Table 4-85 Error Message 963

ERROR 965	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid operation on read only database
Argument	None
Description	This error is returned when a user attempts to insert, delete, or update on a database that was started in read only mode.

Table 4-86 Error Message 965

ERROR 966	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	serial column does not exist
Argument	None
Description	This error is returned when a user attempts to alter a serial column in a table, when no serial column exists.
Solution	Alter the table by adding a SERIAL column, if required.

Table 4-87 Error Message 966

ERROR 967	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update/delete memory table
Argument	None
Description	This error is returned when a user attempts to delete or update a memory table. These operations cannot be performed on a memory table because it is a temporary table that exists only on the client machine, not on the server.

Table 4-88 Error Message 967

ERROR 968	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create b-tree index on memory table
Argument	None
Description	This error is returned when a user attempts to create a b-tree index on a memory table. A memory table is a temporary table that does not support b-tree indexes. Memory tables only support hash indexes.
Solution	Create a hash index on the memory table instead of a b-tree index.

Table 4-89 Error Message 968

ERROR 968	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create hash index on non-memory table
Argument	None
Description	This error is returned when a user attempts to create a hash index on a non-memory table. Non-memory tables do not support hash indexes.
Solution	Create a b-tree (regular) index on the non-memory table instead of a hash index.

Table 4-90 Error Message 969

ERROR 970	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	hash index column not allow asc/desc
Argument	None
Description	This error is returned when a user attempts to sort a hash index's columns in asc/desc order. Hash indexes do not support this function.

Table 4-91 Error Message 970

ERROR 971	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid bucket number for hash index
Argument	None
Description	This error is returned when a user specifies an invalid bucket number for a hash index (maybe a negative number). The valid range for the bucket number is 2 ~ 32767.

Table 4-92 Error Message 971

4.4 Error Messages 1002-1117

ERROR 1002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot switch journal mode: backup mode on or backup in progress
Argument	None
Description	This error message might occur in two situations: A user tried to turn on the NO JOURNAL mode while the database is running in BACKUP mode. You cannot switch the journal mode while DBMaker is in BACKUP mode. A user tried to turn on the NO JOURNAL mode during a backup operation. You cannot switch the journal mode during a backup.
Solution	Shut down the database, change the backup mode in the dmconfig.ini file to NO BACKUP and restart the database. Wait until the backup in progress is finished, then set the journal mode to NO JOURNAL.

Table 4-93 Error Message 1002

ERROR 1004	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot do this operation while inserting
Argument	None
Description	This error is returned when a user attempts to set a save point while putting/reading a BLOB.
Solution	Use another statement to define the save point. Or execute a statement, which must defined a save point, such as select into.

Table 4-94 Error Message 1004

ERROR 1009	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot turn off journal in multi-user mode
Argument	None
Description	This error is returned when a user attempts to turn off journal mode when the database is in multi-user mode. The database needs to be switched to single-user mode to turn off the journal mode.

Table 4-95 Error Message 1009

ERROR 1010	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot turn off journal while a transaction is active
Argument	None
Description	This error is returned when a transaction is active on the database and the user wants to turn off journal mode. All transactions must be committed/aborted to turn off journal mode

Table 4-96 Error Message 1010

ERROR 1014	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot switch to single user mode while another user is connected
Argument	None
Description	This error is returned when a user tries to switch to single-user mode when there are still other users connected to the database. When there are other users connect to database, the database cannot be switched to single- user mode.

Table 4-97 Error Message 1014

ERROR 1015	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tried to set option to an invalid value
Argument	the reason of why is invalid
Description	None

Table 4-98 Error Message 1015

ERROR 1017	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot switch on/off cursor stability if there is any cursor still active
Argument	None
Description	This error is returned when a user attempts to alter the stability of a cursor while a cursor is still active. Close all statements before switching the cursor stability mode.

Table 4-99 Error Message 1017

ERROR 1018	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot execute full backup in primary server
Argument	None
Description	Database replication primary server can not do online full backup.

Table 4-100 Error Message 1018

ERROR 1019	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update slave site
Argument	None
Description	Database replication slave site cannot do data modification operation

Table 4-101 Error Message 1019

ERROR 1020	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot set no-dirty in slave site
Argument	None
Description	This error is returned when a user attempts a "dirty read" on an object that has been exclusively locked.

Table 4-102 Error Message 1020

ERROR 1022	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	specified global transaction is not found
Argument	None
Description	This error is returned when the transaction state of a distributed database is inconsistent. It needs to be adjusted.
Example	There are two databases working together as one (site1 and site2). Site1 thinks that site2 should commit a pending transaction but site2 says there is not such pending transaction.

Table 4-103 Error Message 1022

ERROR 1023	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	global transaction state transition is out of sequence
Argument	None
Description	This error is returned when a user attempts to change the global transaction state from "commit" to "pending abort".

Table 4-104 Error Message 1023

ERROR 1024	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	distributor does not exist
Argument	None
Description	This error is returned when a user attempts a table replication, using asynchronous table replication, but the distributor process is dead.

Table 4-105 Error Message 1024

ERROR 1025	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the shared object exists
Argument	None
Description	This error is returned when a user attempts to create a shared object, and that object already exists.

Table 4-106 Error Message 1025

ERROR 1026	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the shared object does not exist
Argument	None
Description	This error is returned when a user attempts to drop a shared object, but the object does not exist.

Table 4-107 Error Message 1026

ERROR 1027	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the shared object is locked
Argument	None
Description	This error is returned when a user tries to lock/drop/set a shared object that is locked by another user.

Table 4-108 Error Message 1027

ERROR 1028	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	only the lock imposer can release the lock
Argument	None
Description	None

Table 4-109 Error Message 1028

ERROR 1029	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid shared object ID, must be greater than or equal to 0
Argument	None
Description	None

Table 4-110 Error Message 1029

ERROR 1031	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the shared memory exists
Argument	None
Description	The database required share memory already creates by another process.

Table 4-111 Error Message 1031

ERROR 1032	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the shared memory does not exist
Argument	None
Description	This error occurs when a user tries to get access to shared memory that does not exist.

Table 4-112 Error Message 1032

ERROR 1033	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid shared object ID, ID is reserved by system
Argument	None
Description	This error occurs when a user tries to create a shared object using an ID that is reserved by DBMaker. DBMaker reserves some ID's for SYSTEM use. The SYSTEM ID range is 1999000001 to 1999001000.

Table 4-113 Error Message 1033

ERROR 1034	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	offset setting of raw device in config is illegal
Argument	None
Description	The offset value must be greater than 0. Offset values for raw devices cannot overlap.

Table 4-114 Error Message 1034

ERROR 1035	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot set a autoextend file and other files in the same raw device
Argument	None
Description	This error will occur for one of two reasons: 1) The raw device maybe already contain files, and you want to add an autoextend file to the raw device. 2) The raw device maybe already contain an autoextend file, and you want to add more files to the raw device.

Table 4-115 Error Message 1034

ERROR 1102	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	lock time-out
Argument	None
Description	Another connection is holding a lock on some database resources that you are trying to use.
Solution	Wait for the connection that is holding the resources to commit its work. If you are not sure which connection is holding the resources you need, use DBATool to find out. If you are waiting for a connection that has been abnormally terminated, but left the connection active, ask a DBA to kill the connection to free the locks.

Table 4-116 Error Message 1102

ERROR 1103	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	out of DCCA memory: initial DCCA setting is too small
Argument	None
Description	The initial size of the shared memory allocated for the database is too small. The database is currently holding locks on too many objects or there are too many transactions in the system, and the database has requested more memory than was initially allocated.
Solution	Refer to the " <i>Database Administrator's Guide</i> " to adjust the size of DB_SCASZ, DB_NBUFS, DB_NJNLB, DB_Maxco in the dmconfig.ini file. Otherwise, you will have to reduce the number of users currently using the database. Alternatively, change the table lock mode to a higher level, which decreases the amount of resources used, but also reduces the level of concurrency.

Table 4-117 Error Message 1103

ERROR 1104	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot start database: shared memory in use
Argument	None
Description	This message may occur under one of the following conditions: A user tries to start a database that has already been started. It is not possible to start a database with the same name as a database that has already been started. The database terminated abnormally the last time it was run, and the shared memory it allocated has not been freed. You cannot start a database that still has shared memory allocated in the system.
Solution	If the database has already been started, you do not need to start it yourself. Simply connect to the database using the CONNECT command. On the machine the database was last started from before it terminated abnormally, use the UNIX ipcrm utility to remove the allocated shared memory from the system. For more information on how to use ipcrm, refer to the UNIX operating system documentation.

Table 4-118 Error Message 1104

ERROR 1105	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot allocate sort memory, operating system out of memory
Argument	None
Description	The database tries to allocate memory for doing a Sort operation, but the operating system is out of memory.
Solution	Kill some non-urgent processes to release memory.

Table 4-119 Error Message 1105

ERROR 1110	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Requested DCCA memory exceeds system maximum
Argument	None
Description	This error message can occur in two situations: The machine you are trying to run the database on does not have enough physical memory to start the database. This error can also occur on UNIX systems if the maximum amount of shared memory that can be allocated by the operating system is smaller than that requested by the database.
Solution	Make the size of the DCCA small enough to allow the database to start on machines with a limited amount of physical memory, or add more physical memory to the system. On most UNIX systems, you will have to rebuild the UNIX kernel and specify a new size for the maximum amount of shared memory. Refer to the UNIX operating system documentation for information on how to change the maximum size of shared memory that can be allocated by the operating system.

Table 4-120 Error Message 1110

ERROR 1111	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	not enough memory to allocate shared memory
Argument	None
Description	Please see ERROR 1110 for solution.

Table 4-121 Error Message 1111

ERROR 1112	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	DCCA is too large to allocate from OS shared memory
Argument	None
Description	See error 1110.
Solution	See error 1110.

Table 4-122 Error Message 1112

ERROR 1113	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot attach shared memory or shared memory does not exist
Argument	None
Description	The operating system cannot attach shared memory or shared memory does not exist. This is an operating system error.
Solution	Refer to the operating system documentation.

Table 4-123 Error Message 1113

ERROR 1114	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	available data space is insufficient
Argument	None
Description	This error is returned when DBMaker attempts to connect to the database shared memory. This is an OS error.
Solution	Refer to the operating system documentation.

Table 4-124 Error Message 1114

ERROR 1115	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	shared memory permission denied
Argument	None
Description	This error is returned when DBMaker attempts to connect to the database shared memory. This is an OS error.
Solution	Refer to the operating system documentation.

Table 4-125 Error Message 1115

ERROR 1116	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no more replication log records in log files
Argument	None
Description	The log position given exceeds the end of log file.

Table 4-126 Error Message 1116

ERROR 1117	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	replication log file contains invalid log data
Argument	file ID and offset
Description	This error is returned when either, the log file has been corrupted by a user, or a system error.

Table 4-127 Error Message 1117

ERROR 1119	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	OS shared memory setting is too small, please increase OS shared memory maximum size.
Argument	N/A
Description	To operate DBMaker effectively the OS shared memory setting must be sufficient. To ensure that DBMaker will run effectively set the OS shared memory to its maximum size.

Table 4-128 Error Message 1119

4.5 Error Messages 1201-1329

ERROR 1201	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the file already exists
Argument	file name
Description	You tried to create a new database with the same name as an existing database. The database files (.DB, .BB) or journal files (.JNL) already exist.
Solution	Choose a unique database name or delete the old database and journal files if they are no longer in use.

Table 4-129 Error Message 1201

ERROR 1203	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot remove a file
Argument	file name
Description	The operating system may have encountered an internal error.

Table 4-130 Error Message 1203

ERROR 1204	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get shared lock on the database system file, starting database fails
Argument	None
Description	This message may occur in one of the following situations: There is one or more users still connected to a database that has been terminated, and you try to restart it. Another user starts a database but does not disconnect from it, and you try to connect.
Solution	Ask the users still connected to the terminated database to disconnect. You should try to ensure that there are no other users connected to a database when you terminate it. You can ask other users to disconnect themselves, or you can kill their connection before terminating the database. Ask the user who started the database to disconnect.

Table 4-131 Error Message 1204

ERROR 1205	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot access files on remote disks
Argument	None
Description	Disks on remote computers cannot be accessed.
Solution	Check the network connection and make sure that the files exist on the remote disks.

Table 4-132 Error Message 1205

Error Reference and Message

ERROR 1301	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	physical journal file size does not match configuration file setting:
Argument	physical file size and in configuration file
Description	The user may have changed the journal file size (DB_JNLSZ) in the configuration file without restarting the database in NEW JOURNAL mode or copied journal files from a different database with the same name after creating the database.

Table 4-133 Error Message 1301

ERROR 1302	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of pages of all journal files must exceed number of pages in journal buffer by at least 3
Argument	number of pages
Description	The total size of all journal files must be greater, in size by at least 3, than the size of the journal buffer. Enlarge the journal file size (DB_JNLSZ) and restart the database in NEW JOURNAL mode, or reduce the journal buffer size (DB_NJNLB) in the configuration file and restart the database.

Table 4-134 Error Message 1302

ERROR 1303	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	full backup has not begun
Argument	None
Description	None

Table 4-135 Error Message 1303

ERROR 1304	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	backup server has been terminated
Argument	None
Description	None

Table 4-136 Error Message 1304

ERROR 1305	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error in full backup sequence
Argument	None
Description	This error is returned when backup commands have been issued in the incorrect sequence.
Solution	Reissue the backup commands in the correct sequence.
Example	"end backup journal" then "begin backup".

Table 4-137 Error Message 1305

ERROR 1306	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	full backup has already begun
Argument	None
Description	None

Table 4-138 Error Message 1306

ERROR 1307	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	backup has not begun
Argument	None
Description	None

Table 4-139 Error Message 1307

ERROR 1308	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid backup mode: incremental backup requires database in BACKUP mode
Argument	None
Description	A user tried to perform an incremental backup, but backup mode is set to OFF in the dmconfig.ini file.
Solution	Turn ON backup mode in the dmconfig.ini file. Refer to the "Database Administrator's Guide" for more information on how to turn ON backup mode.

Table 4-140 Error Message 1308

ERROR 1309	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot switch to multi-user mode on non-journal mode
Argument	None
Description	Use the set journal on command to set the journal.

Table 4-141 Error Message 1309

ERROR 1310	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	journal full: command rolled back to internal savepoint
Argument	None
Description	The journal is full and the transaction has been rolled back to the last internal savepoint taken by DBMaker.
Solution	Commit or abort the transaction. If the transaction is very long, you may want to increase the size of the journal file size to avoid another journal full error.
Example	Terminate the database. Increase the journal file size by setting DB_JNLSZ in the dmconfig.ini file to a higher value. Set the start mode to NEW JOURNAL by setting DB_SMODE to 2. Reset DB_SMODE to 1. Restart the database.

Table 4-142 Error Message 1310

ERROR 1316	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot start with NEW JOURNAL mode: database crashed
Argument	None
Description	The database has crashed, and you are trying to start it in After a database has crashed, you must restart it in NORMAL mode. Starting the database in NORMAL mode will allow the database to perform crash recovery. To change the start mode of the database, change the DB_SMODE to 1 in the dmconfig.ini file and restart database.NEW JOURNAL mode.

Table 4-143 Error Message 1316

ERROR 1317	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot start database: database crashed or error occurred when database was in NO JOURNAL mode
Argument	None
Description	Your database crashed while running in NO JOURNAL mode and you tried to restart the database to perform crash recovery.
Solution	You cannot perform crash recovery on a database that crashed in NO JOURNAL mode. Use NEW JOURNAL mode to restart the database. For detailed instructions, refer to the " <i>Database Administrator's Guide</i> ".

Table 4-144 Error Message 1317

ERROR 1318	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find a valid backup status in archived journal files
Argument	None
Description	DBMaker cannot find a valid backup status in the archived Journal files.
Solution	Find the valid full backup Journal files to perform a restoration.

Table 4-145 Error Message 1318

ERROR 1319	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	incremental backup has already begun
Argument	None
Description	Another non-backup transaction is already in progress.
Solution	Wait until the completion of the non-backup commands, and then perform the backup work.
Example	Transaction T1 is now executing a non-backup command, e.g. the SHRINK TABLESPACE command with the COMPRESSONLY option, and then another transaction, T2, wants to execute the BACKUP command (full or journal backup). T2 would fail and receive this error.

Table 4-146 Error Message 1319

ERROR 1320	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	there are not enough transactions for performing re-apply
Argument	None
Description	The replication server does not have enough transactions to perform a redo.

Table 4-147 Error Message 1320

ERROR 1321	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	there is a pending transaction which does not exist in the transaction table
Argument	None
Description	This error is returned while starting the database. DBMaker finds a pending transaction with a transaction ID that does not exist in the pending transaction table.

Table 4-148 Error Message 1321

ERROR 1322	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	pending transaction exist, cannot start database in single user mode
Argument	None
Description	This error is returned when there is some unsolved distributed transactions when the system crashes. The database must be started in multi-user mode to resolve the pending transactions.

Table 4-149 Error Message 1322

ERROR 1323	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid operation while non-backup commands are in progress
Argument	None
Description	Another non-backup transaction is in progress.
Solution	Wait until the completion of the non-backup commands, and then redo the backup work.
Example	Transaction T1 is now executing a non-backup command, e.g. the SHRINK TABLESPACE command with the COMPRESSONLY option, and then another transaction, T2, wants to execute the BACKUP command (full or journal backup). T2 would fail and receive this error.

Table 4-150 Error Message 1323

ERROR 1324	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid operation while backup commands are in progress
Argument	None
Description	A backup is in progress.
Solution	Wait until the completion of the BACKUP commands, and then perform the non-backup commands.
Example	Transaction T1 is now executing the BACKUP command (full or journal backup), and then another transaction, T2, wants to execute a non-backup command, (the SHRINK TABLESPACE command with the COMPRESSIONONLY option).

Table 4-151 Error Message 1324

ERROR 1325	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	a new online full backup is required before making an incremental backup
Argument	None
Description	You are trying to create an incremental backup. You have no valid online full backup or some operations have caused a previous full backup to be invalid. Please make sure you have a valid full backup before creating incremental backups.

Table 4-152 Warning Message 1325

ERROR 1326	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	trying to restore an incremental backup to a different backup sequence
Argument	None
Description	An incremental backup has been inserted in the wrong sequence or out of sequence.
Solution	An incremental backup can only be restored to the backup sequence in which it belongs and in the correct sequence. Check the backup sequence numbers for the incremental backup files.

Table 4-153 Warning Message 1326

ERROR 1327	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	trying to make an online full backup in a replication site
Argument	None
Description	Someone is attempting to create an online full backup in a replication site.
Solution	Users cannot make an online full backup if a database is started as a database replication site. Shut down the database and restart it in another mode that supports online full backup, or ideally create an online full backup from the main database server.

Table 4-154 Warning Message 1327

ERROR 1328	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	there is not enough space to backup the file to the directory
Argument	None
Description	This error message is returned when a user attempts to backup a file of the database and the backup directory does not have enough space to perform the backup.

Table 4-155 Warning Message 1328

ERROR 1329	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the format of backup path is illegal
Argument	None
Description	This error message is returned when a user attempts to backup a file but the user does not set the size of the backup paths or uses an invalid number when setting the backup path. If you want to set multiple backup paths, please use the format : "PATH SIZE PATH SIZE..." Example: This is correct; db.dir = c:\bk1_100_c:\bk2_300_... This is incorrect; db.dir = c:\bk1_c:\bk2 This is also incorrect; db.dir = c:\bk1_-100_c:\bk2_-300_...

Table 4-156 Warning Message 1329

4.6 Error Messages 1401-2204

ERROR 1401	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot grant lock on object because it is held by another user
Argument	None
Description	None

Table 4-157 Error Message 1401

ERROR 1501	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	cannot create socket
Argument	None
Description	The Unix sockets or Windows Winsock service cannot create a new socket to allow a connection to the server.
Solution	Restart the client-end computer. If this does not solve the problem, note the return code of the error message and refer to operating system manuals for information on the Unix socket or Windows Winsock socket() function.

Table 4-158 Error Message 1501

ERROR 1502	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	cannot translate from hostname to IP address
Argument	None
Description	The hostname of the computer you are trying to connect to is not defined in: /etc/hosts.
Solution	Add the host name with the related IP address to the: /etc/hosts file.

Table 4-159 Error Message 1502

ERROR 1503	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	cannot connect to server
Argument	None
Description	A user tried to connect to a client/server database, but cannot connect to the server because it is not powered on or the IP address you specified is invalid.
Solution	Start the database at the server end or give the correct IP address.

Table 4-160 Error Message 1503

ERROR 1504	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	network binding port error
Argument	None
Description	There was an error while trying to bind a local address to a network socket or port number.
Solution	Restart the client-end computer. If this does not solve the problem, note the return code of the error message and refer to operating system documentation for information on the Unix sockets or Windows Winsock bind() function.

Table 4-161 Error Message 1504

ERROR 1505	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	network listening error
Argument	None
Description	There was an error listening for connections on a network socket.
Solution	Restart the client-end computer. If this does not solve the problem, note the return code of the error message and refer to operating system documentation for information on the Unix sockets or Windows Winsock listen() function.

Table 4-162 Error Message 1505

ERROR 1506	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	time-out when connecting to server
Argument	None
Description	This message may occur in one of the following situations: The server has not been started yet or the port number specified in the dmconfig.ini file on the client is different from the port number bound in the server.
Solution	Start the database at the server side. Give the same port number on the client that the server has bound on the server.

Table 4-163 Error Message 1506

ERROR 1507	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	cannot load winsock.dll
Argument	None
Description	A client application tried to connect to a server, but DBMaker could not find the winsock.dll.
Solution	Add the winsock.dll to the system directory.

Table 4-164 Error Message 1507

ERROR 1508	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	cannot initialize winsock.dll
Argument	None
Description	A client application wants to connect to a server and DBMaker finds that winsock.dll is not compatible with the windows network driver when it tries to initialize the socket status.
Solution	In Windows 98 or NT, replace the current winsock.dll with the one provided with the operating system, and restart Windows.

Table 4-165 Error Message 1508

ERROR 1509	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot accept from socket
Argument	None
Description	This error is a network problem. Contact your network administrator to solve this problem.

Table 4-166 Error Message 1509

ERROR 1510	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	setsockopt failed
Argument	None
Description	Cannot set socket option.

Table 4-167 Error Message 1510

ERROR 1511	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	Listening socket's path name is too long
Argument	None
Description	Listening socket's path name is too long

Table 4-168 Error Message 1511

ERROR 1512	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	Invalid socket path
Argument	None
Description	The socket path name is invalid.

Table 4-169 Error Message 1512

ERROR 1513	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	getsockname error
Argument	None
Description	An error occurred when the application was retrieving the socket name.

Table 4-170 Error Message 1513

Error Reference and Message

ERROR 1514	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	User cannot create or start database at the client side
Argument	None
Description	The user cannot create or start a database on the client side.

Table 4-171 Error Message 1514

ERROR 1515	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08001
Error Message	cannot load dmsqlr32.dll
Argument	None
Description	Win32 terminal server dmsqlr32.dll not found.

Table 4-172 Error Message 1515

ERROR 1532	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	An invalid IP address has been entered
Argument	None
Description	The format of the IP address is invalid.

Table 4-173 Error Message 1532

ERROR 1601	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no available page buffer in buffer pool
Argument	None
Description	All memory buffers have been allocated.
Solution	Enlarge the value of DB_NBUFS in the dmconfig.ini file and restart the database.

Table 4-174 Error Message 1601

ERROR 1702	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file not empty
Argument	None
Description	At least one page entry is not empty.

Table 4-175 Error Message 1702

ERROR 1704	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot extend a file: disk full or disk failure
Argument	file name
Description	This error is returned when a user cannot extend a file due to the disk being full or a disk failure occurring.

Table 4-176 Error Message 1704

ERROR 1705	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	a file has grown to maximum size and cannot be extended again
Argument	file name
Description	This error is returned when a file has grown to maximum size and cannot be extended again. (Maximum size is 2 GB.)

Table 4-177 Error Message 1705

ERROR 1805	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot move scan cursor to the oid
Argument	file name
Description	DBMaker cannot move the scanning cursor to the Object ID.

Table 4-178 Error Message 1805

ERROR 2102	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of transactions exceeds setting in configuration file:
Argument	number of transactions setting in config
Description	The number of active transactions is larger than the value set by the DB_NTRAN keyword in the dmconfig.ini file.
Solution	Terminate the database and increase the value of DB_Maxco in the dmconfig.ini file.

Table 4-179 Error Message 2102

ERROR 2204	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	in-disk internal temp table page full
Argument	None
Description	There are no free pages for in-disk internal temporary tables.

Table 4-180 Error Message 2204

4.7 Error Messages 3001-3909

ERROR 3001	
ODBC Return Code	SQL_ERROR
ODBC SQL State	01010
Error Message	too many errors were found
Argument	None
Description	You performed a database consistency check and too many errors were found to repair.
Solution	Refer to the "Database Administrator's Guide" for more information on database consistency checking.

Table 4-181 Error Message 3001

ERROR 3002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot continue checking because a serious error was found
Argument	None
Description	You performed a database consistency check and a serious error was found that couldn't be repaired.
Solution	Consult with DBMaker support personnel.

Table 4-182 Error Message 3002

ERROR 3004	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid parameter of dbcc or repair not supported
Argument	None
Description	when db repair is set on, cannot some database error checking cannot be performed, including: check db, check catalog, check file and check index

Table 4-183 Error Message 3004

ERROR 3005	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot check or modify journal files
Argument	None
Description	This error is returned when a user attempts to check, shrink, or add pages to journal files.

Table 4-184 Error Message 3005

ERROR 3006	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Checking temp tables, memory tables or views is not supported
Argument	None
Description	You cannot execute checking on temporary tables and views.

Table 4-185 Error Message 3006

ERROR 3101	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	catalog has error:
Argument	ENGINE CATALOG
Description	This error is returned when there is a failure to start a scan on the engine catalog.

Table 4-186 Error Message 3101

ERROR 3102	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get this table OID in engine catalog:
Argument	bad table OID or its table name
Description	This error is returned when there has been a failure to find a table OID in the engine catalog.

Table 4-187 Error Message 3102

ERROR 3103	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table's lock level is wrong:
Argument	bad table OID
Description	This error is returned when the engine catalog records contain incorrect information about lock levels.

Table 4-188 Error Message 3103

ERROR 3104	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns (nCol) exceeds system maximum:
Argument	bad table OID
Description	This error is returned when the engine catalog records contain incorrect information about the number of columns (over the maximum number or less than one).

Table 4-189 Error Message 3104

ERROR 3105	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns (nCol) does not match in two catalogs:
Argument	bad table name
Description	This error is returned when the NUM_COL of SYSTABLE catalog is not equal to the number recorded in the engine catalog.

Table 4-190 Error Message 3105

ERROR 3106	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table has an index which does not belong to this table:
Argument	table name, index name
Description	This error is returned when the information in the SYSTABLE.TABLE_NAME is not equal to the information in the SYSINDEX.TABLE_NAME.

Table 4-191 Error Message 3106

ERROR 3108	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table has a foreign key which is not belong to this table:
Argument	table name, foreign key name
Description	This error is returned when the information in the SYSTABLE.TABLE_NAME is not the same as the information in the SYSFOREIGNKEY.FK_TBL_NAME.

Table 4-192 Error Message 3108

ERROR 3109	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of foreign keys do not match in two catalogs:
Argument	table name
Description	The number of foreign key records in both the system (SYSFOREIGNKEY) and the engine catalog are not correct for a table.

Table 4-193 Error Message 3109

ERROR 3110	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table catalog does not match in two catalog:
Argument	table name
Description	This error is returned when the table record of the system catalog (SYSTABLE) uses an unused entry in engine catalog.

Table 4-194 Error Message 3110

ERROR 3111	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find symbolic table catalog:
Argument	None
Description	This error is returned when there is a failure to fetch table information from the system catalog (SYSTABLE).

Table 4-195 Error Message 3111

ERROR 3112	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find table's (and associated index, foreign keys...) symbolic catalog
Argument	none or table name
Description	This error is returned when there is a failure to find a table's information in the system catalog.

Table 4-196 Error Message 3112

ERROR 3113	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error on table's symbolic catalog:
Argument	None
Description	This error is returned when there is a failure to read the next record from the table system catalog (SYSTABLE).

Table 4-197 Error Message 3113

ERROR 3114	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table's name is not equal to that in column catalog:
Argument	table name, column id
Description	The table contains the column whose table name recorded in system catalog is not correct. That is, SYSTABLE.TABLE_NAME is not equal to SYSCOLUMN.TABLE_NAME.

Table 4-198 Error Message 3114

ERROR 3115	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table's owner name is not the same as to that in column catalog:
Argument	table name, column id
Description	The table owner name recorded in the system catalog is not the same as the column owner name. (SYSTABLE.TABLE_OWNER is not equal to SYSCOLUMN.TABLE_OWNER).

Table 4-199 Error Message 3115

ERROR 3116	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns in the table is invalid:
Argument	table name, column id
Description	The table contains a column whose column ID recorded in the system catalog is wrong.
Example	SYSCOLUMN.COLUMN_ORDER

Table 4-200 Error Message 3116

ERROR 3117	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns is less than that indicated by the table catalog;
Argument	table name, the less number of columns
Description	Some of column records in SYSCOLUMN catalog may be lost because the total number is less than SYSTABLE.NUM_COL.

Table 4-201 Error Message 3117

ERROR 3118	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns is greater than that indicated by the table catalog;
Argument	table name, the more number of columns
Description	The number of column records in the SYSCOLUMN catalog is larger because it contains more columns than the SYSTABLE.NUM_COL.

Table 4-202 Error Message 3118

ERROR 3119	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of replication does not equal to that indicated by the replication catalog;
Argument	table name
Description	The number of replication records in SYSPUBLISH catalog is not equal to SYSTABLE.NUM_PUBLICATION for the table.

Table 4-203 Error Message 3119

ERROR 3120	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the replication OID in replication catalog:
Argument	table name, OIDs of target publication
Description	This error is returned when there is a failure to fetch records from the SYSPUBLISH catalog for the replication of OID's.

Table 4-204 Error Message 3120

ERROR 3121	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	replication name is not the same as the name in the replication catalog:
Argument	table name, replication name
Description	SYSPUBLISH.TABLE_NAME is not equal to SYSTABLE.TABLE_NAME.

Table 4-205 Error Message 3121

ERROR 3122	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	replication owner is not the same as the owner indicated by the replication catalog:
Argument	None
Description	SYSPUBLISH.TABLE_OWNER is not equal to SYSTABLE.TABLE_OWNER.

Table 4-206 Error Message 3122

ERROR 3123	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of text indexes is not the equal to the number indicated in text index catalog;
Argument	table name
Description	The total number of text indexes recorded is not equal to SYSTABLE.NUM_TEXTINDEX.

Table 4-207 Error Message 3123

ERROR 3124	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the text index OID in text index catalog;
Argument	table name, text index OID
Description	This error is returned when there is a failure to fetch the text index from the catalog.

Table 4-208 Error Message 3124

ERROR 3125	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	text index name does not exist in text index catalog;
Argument	table name, text index name
Description	This error is returned when the table name recorded in the text index catalog is not the same name recorded in SYSTABLE.TABLE_NAME.

Table 4-209 Error Message 3125

ERROR 3126	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	text index owner is not the same as the owner indicated by the text index catalog:
Argument	table name, text index name
Description	This error is returned when the table owner name recorded in the text index catalog is not the same name recorded in SYSTABLE.TABLE_OWNER.

Table 4-210 Error Message 3126

ERROR 3151	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get this file Object ID (OID) from the engine catalog (ca_fl):
Argument	tablespace name or OID, file name or OID
Description	This error is returned when there is a failure to fetch a record from the file engine catalog.

Table 4-211 Error Message 3151

ERROR 3152	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	ID of the tablespace which owns the file (ca_fl's OIDS) is wrong:
Argument	tablespace name or OID, file name or OID
Description	This error is returned when the tablespace OID of a file record from the file engine catalog does not match the one that owns the file.

Table 4-212 Error Message 3152

ERROR 3153	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file and tablespace catalogs not consistent for file:
Argument	tablespace name or OID, file name or OID
Description	This error is returned when the tablespace does not contain the file a user is searching for.

Table 4-213 Error Message 3153

ERROR 3154	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file's type is wrong:
Argument	tablespace name or OID, file name or OID
Description	This error is returned when the type of file is not DATA or BLOB.

Table 4-214 Error Message 3154

ERROR 3155	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file type does not match in two catalog:
Argument	file name or OID
Description	SYSFILE.FILE_TYPE doesn't match the file type recorded in the file engine catalog.

Table 4-215 Error Message 3155

ERROR 3156	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file number does not match in two catalog:
Argument	file name or OID
Description	SYSFILE.FILE_NUM doesn't match the file number recorded in the file engine catalog.

Table 4-216 Error Message 3156

ERROR 3157	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find this file's tablespace:
Argument	file name, tablespace name
Description	This error is returned when there is a failure to find a tablespace. There is an error while trying to read the record from the tablespace system catalog.

Table 4-217 Error Message 3157

ERROR 3158	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file tablespace does not match in two catalogs:
Argument	file name, tablespace name
Description	This error is returned when the OID of a tablespace does not match the one in the record of the file engine catalog.

Table 4-218 Error Message 3158

ERROR 3160	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the file in the catalog:
Argument	None
Description	None

Table 4-219 Error Message 3160

ERROR 3171	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get the OID of this tablespace in engine catalog (ca_ts):
Argument	tablespace name or OID
Description	This error is returned either when there is a failure to fetch a record from the tablespace engine catalog, or the incorrect tablespace OID was used to fetch the tablespace information.

Table 4-220 Error Message 3171

ERROR 3172	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tablespace has no files:
Argument	tablespace name or OID
Description	This error is returned when there is a failure to get any file information from the tablespace.

Table 4-221 Error Message 3172

ERROR 3173	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tablespace type is wrong:
Argument	tablespace name or OID
Description	This error is returned when the tablespace type recorded in the tablespace engine catalog is not fixed or extendable.

Table 4-222 Error Message 3173

ERROR 3174	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of pages in the tablespace (nPage) is wrong:
Argument	tablespace name or OID
Description	This error is returned when the number of tablespace pages does not match the number of files which the tablespace contains. These numbers come from the file and tablespace engine catalog.

Table 4-223 Error Message 3174

ERROR 3175	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tablespace type does not match in two catalogs:
Argument	tablespace name
Description	This error is returned when the tablespace type does not match in the engine catalog and SYSTABLESPACE.TS_TYPE.

Table 4-224 Error Message 3175

ERROR 3176	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of files in the tablespace does not match in two catalogs:
Argument	tablespace name
Description	This error is returned when the number of file records fetched from the engine catalog does not match those in SYSTABLESPACE.NUM_FILES.

Table 4-225 Error Message 3176

ERROR 3178	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find any symbolic tablespace catalog:
Argument	None
Description	This error is returned when there is a failure to open a scan for fetching records from the SYSTABLESPACE system catalog.

Table 4-226 Error Message 3178

ERROR 3179	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error on table space's symbolic catalog:
Argument	None
Description	This error is returned when there is a failure to fetch the next or specified record from the SYSTABLESPACE system catalog.

Table 4-227 Error Message 3179

ERROR 3191	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get the object ID of this index in engine catalog (ca_ts):
Argument	table name or OID, index name or OID
Description	This error is returned when there is a failure to fetch a record from the index engine catalog.

Table 4-228 Error Message 3191

ERROR 3192	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index and table catalogs not consistent for this index:
Argument	table name or OID, index name or OID
Description	This error is returned when there is a failure to find the index in the index chain of the table in the engine catalog.

Table 4-229 Error Message 3192

ERROR 3193	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns does not match between the engine table and the engine index catalog
Argument	table name or OID, index name or OID
Description	This error is returned either when the number of table columns recorded in the index engine catalog is incorrect, or it does not match the number of columns recorded in the table engine catalog.

Table 4-230 Error Message 3193

ERROR 3196	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index catalog is inconsistent (btCols is invalid):
Argument	table name or OID, index name or OID
Description	This error is returned when the index column number is incorrect in the index engine catalog.

Table 4-231 Error Message 3196

ERROR 3199	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	wrong table object ID for index:
Argument	table name or OID, index name or OID
Description	This error is returned when the tablespace OID does not match the one recorded in the index engine catalog.

Table 4-232 Error Message 3199

ERROR 3200	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index catalog is inconsistent (ca_bt's oidTs is wrong):
Argument	table name or OID, index name or OID
Description	This error is returned when the tablespace OID does not match the one recorded in the index engine catalog.

Table 4-233 Error Message 3200

ERROR 3201	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	name and OID of the table which has the index does not match:
Argument	table name, index name
Description	This error is returned when the table OID does not match the one coming from the record in the index engine catalog.

Table 4-234 Error Message 3201

ERROR 3202	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index owner is not equal to table owner:
Argument	table name, index name
Description	The owner name of the table and the owner name of the index do not match each other.

Table 4-235 Error Message 3202

ERROR 3203	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns in index does not match between two catalogs:
Argument	table name, index name
Description	SYSINDEX.NUM_COL does not match the number of columns recorded in the index engine catalog.

Table 4-236 Error Message 3203

ERROR 3204	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column name and order in index does not match between two catalog:
Argument	table name, index name
Description	The index columns of the system and the engine catalog are not equal.

Table 4-237 Error Message 3204

ERROR 3205	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index uniqueness does not match between two catalog:
Argument	table name, index name
Description	SYSINDEX.UNIQUE has the index recorded as unique, but the index engine catalog does not. (Or vice versa.)

Table 4-238 Error Message 3205

ERROR 3206	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the index in symbolic catalog:
Argument	None
Description	There was a failure to find the index in the system catalog.

Table 4-239 Error Message 3206

ERROR 3211	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get this object ID in engine catalog (ca_fk):
Argument	table name or OID, foreign key name or OID
Description	There was a failure to fetch a record from the foreign key engine catalog.

Table 4-240 Error Message 3211

ERROR 3213	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	foreign key catalog references a table which does not have this foreign key:
Argument	table name or OID, foreign key name or OID
Description	There was a failure to find the foreign key in the foreign key chain of the table in the engine catalog.

Table 4-241 Error Message 3213

ERROR 3214	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	foreign key catalog references an index that does not have this foreign key:
Argument	index name or OID, foreign key or OID
Description	This error is returned when while searching the foreign key engine catalog for an index, no such foreign key exists in the foreign key chain of the index.

Table 4-242 Error Message 3214

ERROR 3215	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	object ID of foreign table is wrong:
Argument	foreign key or OID
Description	This error is returned when the foreign table OID does not match the foreign key in the foreign key engine catalog.

Table 4-243 Error Message 3215

ERROR 3216	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	object ID of parent table is wrong:
Argument	foreign key or OID
Description	This error is returned either when the parent table OID does not match that of the foreign key in the foreign key engine catalog, or there is a failure to fetch the parent table record from the engine catalog.

Table 4-244 Error Message 3216

ERROR 3217	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of foreign index columns is wrong:
Argument	foreign key name or OID
Description	This error is returned when the number of primary key columns is less than the number of foreign key columns. The numbers are recorded in the index and foreign key engine catalog individually.

Table 4-245 Error Message 3217

ERROR 3218	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns of the foreign key is wrong:
Argument	foreign key name or OID
Description	This error is returned when the number of columns of the foreign key recorded in the engine catalog is wrong. It may be greater than the maximum acceptable value (DB_MAXBTCOL) or less than 1.

Table 4-246 Error Message 3218

ERROR 3219	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column number of foreign key is out of range:
Argument	table name or OID, foreign key name or OID
Description	This error is returned when the column id recorded in the foregen key engine catalog is incorrect. It is out of the table's valid column range.

Table 4-247 Error Message 3219

ERROR 3220	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	foreign key's owner is not the same as the table's owner:
Argument	table name, foreign key name
Description	This error is returned when the owner of the foreign key and its table are not the same. (SYSTABLE.TABLE_OWNER is not equal to SYSFOREIGNKEY.FK_TBL_OWNER.)

Table 4-248 Error Message 3220

ERROR 3221	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	foreign key's owner table does not match between two catalogs:
Argument	table name, foreign key name
Description	This error is returned when the table OID recorded in the foreign key engine catalog does not match the table OID recorded in the system catalog.

Table 4-249 Error Message 3221

ERROR 3222	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column number and order of the foreign key does not match between two catalogs:
Argument	foreign key name
Description	This error is returned when the column id or order of the foreign key does not match in the engine catalog and the system catalog (SYSFOREIGNKEY. FK_COL_ORDER).

Table 4-250 Error Message 3222

ERROR 3223	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	parent table of the foreign key does not match between two catalogs:
Argument	foreign key name, parent table name
Description	This error returned when the parent table OID of the foreign key recorded in the system catalog and the engine catalog do not match.

Table 4-251 Error Message 3223

ERROR 3225	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find foreign key's parent table:
Argument	foreign key name, parent table name
Description	This error is returned when there is a failure to find the foreign key's parent table.

Table 4-252 Error Message 3225

ERROR 3226	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find symbolic foreign key catalog for this object ID:
Argument	table name, record OID of SYSFOREIGNKEY
Description	This error is returned when there is a failure to fetch a record from the SYSFOREIGNKEY system table.

Table 4-253 Error Message 3226

ERROR 3401	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	physical size does not match that indicated by the catalog:
Argument	file name or file OID
Description	This error is returned when the DATA or BLOB file size recorded in engine catalog does not match the physical file size.

Table 4-254 Error Message 3401

ERROR 3402	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error occurred when get attempt to locate file:
Argument	file name or file OID
Description	This error is returned when there is a failure to access DATA or BLOB files.

Table 4-255 Error Message 3402

ERROR 3403	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file doesn't exist:
Argument	file name or file OID
Description	This error is returned when a DATA or BLOB file does not exist or has been removed.

Table 4-256 Error Message 3403

ERROR 3601	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tuple order is not the same as index order:
Argument	index name or OID, key record OID in the leaf page
Description	This error is returned when the true order of the key records in the leaf page is different from the index order recorded in the engine catalog.

Table 4-257 Error Message 3601

ERROR 3602	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid data page ID:
Argument	index name or OID, key record OID in the leaf page
Description	This error is returned when the record OID is wrong, while trying to fetch a data record pointed by the key in the leaf page.

Table 4-258 Error Message 3602

ERROR 3603	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	index key does not equal data records in data page:
Argument	index name or OID, key record OID in the leaf page
Description	This error is returned when the key column values of the data record do not match the key value of the index key. Check to see that the index points to the correct data record.

Table 4-259 Error Message 3603

ERROR 3604	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	leaf pages not at the same level:
Argument	index name or OID, leaf page OID
Description	This error is returned when a leaf page is at the wrong level.

Table 4-260 Error Message 3604

ERROR 3605	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	a tuple's key is too long:
Argument	data record OID, index name or OID
Description	This error is returned when while checking whether the data record exists in all indexes, the total length of the key column values of the data record, exceeds the maximum length (DB_MAXKEYLEN).

Table 4-261 Error Message 3605

ERROR 3606	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the tuple's key:
Argument	data record OID, index name or OID
Description	This error is returned when there is a failure checking whether a data record exists in the index. The index might have lost the key value.
Solution	Try to rebuild the index that the key is in.

Table 4-262 Error Message 3606

ERROR 3607	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of keys not equal to number of tuples:
Argument	table name or OID, index name or OID
Description	This error is returned when the number of the index keys and the number of the data records do not match.

Table 4-263 Error Message 3607

ERROR 3608	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error during index scan
Argument	index name or OID, index root page OID
Description	This error is returned when there has been a failure to prepare the index scan, or there has been a failure to fetch the first leaf page.

Table 4-264 Error Message 3608

ERROR 3609	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	timestamp of parent and child pages is wrong in index
Argument	index name or OID, child page OID
Description	This error is returned when the time of initializing the child page is earlier than the time of modifying its parent page.

Table 4-265 Error Message 3609

ERROR 3701	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	a tuple's foreign key is too long:
Argument	foreign key name or OID
Description	This error is returned when verifying if a parent key exists (referential check), the total length of the key values exceed the maximum length (DB_MAXKEYLEN).

Table 4-266 Error Message 3701

ERROR 3702	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	a foreign key's parent (primary) key does not exist:
Argument	foreign key name or OID
Description	This error is returned when there is a failure while checking for the foreign key's parent (primary) key (whether it exists or not). Check the foreign key and its parent key for consistency.

Table 4-267 Error Message 3702

ERROR 3703	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the foreign key's parent key:
Argument	foreign key name or OID
Description	This error is returned while trying to perform an index scan on the foreign key's parent (primary) key. Check the engine catalog for damage. Check to see if there is a free memory shortage.

Table 4-268 Error Message 3703

ERROR 3801	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page table page mark is wrong:
Argument	file name or OID, page OID
Description	This error is returned when the PE page structure is incorrect. The page mark could be wrong, or the data might be invalid.

Table 4-269 Error Message 3801

ERROR 3802	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	leaf page has no leaf flag:
Argument	index name or OID, leaf page OID
Description	This error is returned when a leaf page flag doesn't indicate that the page is a leaf page.

Table 4-270 Error Message 3802

ERROR 3803	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	object ID is not the same as that in PE:
Argument	page OID
Description	This error is returned when the owner OID (object OID) recorded in the page is not the same one recorded in its PE entry in the PE page.

Table 4-271 Error Message 3803

ERROR 3804	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (cs, fsBeg, fsEnd, PG_FSL_OFF is not consistent)
Argument	page OID
Description	This error is returned when the values for the structure of the page are wrong. The page may be damaged.

Table 4-272 Error Message 3804

ERROR 3805	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (nbFree != fsEnd - fsBeg):
Argument	page OID
Description	This error is returned when the values for the structure of the page are wrong. The page may be damaged.

Table 4-273 Error Message 3805

ERROR 3807	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	root page has wrong flag:
Argument	root page OID
Description	This error is returned when a root page flag doesn't indicate that the page is a root page.

Table 4-274 Error Message 3807

ERROR 3809	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	non index page has next page:
Argument	page OID
Description	This error is returned when a page is not an index leaf, but it indicates that it records the previous and next page from a index leaf chain.

Table 4-275 Error Message 3809

ERROR 3810	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (wrong next object ID):
Argument	page OID
Description	This error is returned when the index leaf pages form a bi-directional linking list. However one of these pages does not point to its next or previous page.

Table 4-276 Error Message 3810

ERROR 3811	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (wrong previous object ID):
Argument	page OID
Description	This error is returned when the index leaf pages form a bi-directional linking list. However one of these pages does not point to its next or previous page.

Table 4-277 Error Message 3811

ERROR 3812	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (free slot chain is wrong):
Argument	wrong tuple OID
Description	This error is returned when the free slot chain of the page is incorrect. The page may be damaged.

Table 4-278 Error Message 3812

ERROR 3813	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (free slot chain < fsEnd):
Argument	page OID
Description	This error is returned when one of the free slots is out of range. It falls in the data free space of the page. The page may be damaged.

Table 4-279 Error Message 3813

ERROR 3814	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page data is inconsistent (share header is not consistent with slot number)
Argument	page OID
Description	This error is returned when a free or dropped page indicates that it has records. The page structure is incorrect.

Table 4-280 Error Message 3814

ERROR 3817	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	wrong page mark:
Argument	None
Description	This error is returned when a page or frame has the wrong mark. (It is not a frame, data page, or PE page.) The page or frame is damaged.

Table 4-281 Error Message 3817

ERROR 3818	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page number exceeds file size:
Argument	page or frame OID
Description	This error is returned when there has been a failure to fetch a page because of an invalid page number error.

Table 4-282 Error Message 3818

ERROR 3819	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	uTim is not equal to uTim2:
Argument	page or frame OID
Description	This error is returned when there has been a failure to fetch the correct page or frame because of an invalid timestamp. The timestamp on the pages' footer is not the same as the timestamp on the pages' header.

Table 4-283 Error Message 3819

ERROR 3820	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get this pe page:
Argument	page OID
Description	This error is returned when there is a failure to get the PE page, which contains the function of a data page that has been checked.

Table 4-284 Error Message 3820

ERROR 3821	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page pe entry idOid is wrong:
Argument	PE page OID
Description	This error is returned when the owner of the OID recorded in the PE entry is wrong. The PE entry may be damaged.

Table 4-285 Error Message 3821

ERROR 3822	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	page does not exist:
Argument	page OID
Description	This error is returned when there is a failure to fetch a page. The failure is due to the fact that the file does not exist.

Table 4-286 Error Message 3822

ERROR 3823	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	leaf page has wrong leaf chain:
Argument	index name or OID, last leaf page
Description	This error is returned when the number of leaf pages counted through the leaf chain is not equal to the number counted in the index tree.

Table 4-287 Error Message 3823

ERROR 3824	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the physical size of the file which owns the page doesn't match that in file catalog
Argument	page OID
Description	This error is returned when trying to fetch a page. The failure occurs because the file size in the engine catalog does not match the physical file size.

Table 4-288 Error Message 3824

ERROR 3825	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	wrong file number, page number:
Argument	None
Description	This error is returned when the file and page number recorded on the page or the frame does not match the file or the page number that are used for fetching the page.

Table 4-289 Error Message 3825

ERROR 3901	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get child page, wrong OID:
Argument	father page OID
Description	This error is returned when there is a failure to get a child page or the child record on the page.

Table 4-290 Error Message 3901

ERROR 3902	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	header length is not consistent with its type:
Argument	record OID
Description	This error is returned when the column's data length is not correct. Check if it is less than 0, or that it is not consistent with its column data type.

Table 4-291 Error Message 3902

ERROR 3903	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	wrong column data type of the record in a page:
Argument	record OID
Description	This error is returned when the column data type is incorrect.

Table 4-292 Error Message 3903

ERROR 3904	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tuples overlap:
Argument	record OID
Description	This error is returned when there are at least two records that overlap each other.

Table 4-293 Error Message 3904

ERROR 3906	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	slot's flag is wrong:
Argument	record OID
Description	This error is returned when a record's slot flag is not correct.
Example	The flag indicates that the record is shared and a parent record. These two statements cannot exist together.

Table 4-294 Error Message 3906

ERROR 3907	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tuple location is out of data area:
Argument	record OID
Description	This error is returned when a record has been placed in the wrong area. It must be placed in the data area of the page.

Table 4-295 Error Message 3907

ERROR 3908	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot get father page, wrong OID:
Argument	indirect record OID
Description	This error is returned when there is a failure to fetch a parent record where an inline BLOB is placed in the child (indirect) record.

Table 4-296 Error Message 3908

ERROR 3909	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The father page retrieved by the inline BLOB of a child tuple is invalid
Argument	None
Description	blob tuple is indirect, but the blob header of its father tuple is incorrect

Table 4-297 Error Message 3909

4.8 Error Messages 4001-4015

ERROR 4001	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB frame type:
Argument	frame OID
Description	This error is returned when the structure of a BLOB frame has been damaged. This could be because the wrong data type was recorded in the frame.

Table 4-298 Error Message 4001

ERROR 4002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid next link of a BLOB frame:
Argument	frame OID
Description	This error is returned when the structure of a BLOB frame is damaged because of an incorrect link recorded in the frame, or there is a failure to fetch the next link of a BLOB frame.

Table 4-299 Error Message 4002

ERROR 4003	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid next link of a BLOB frame:
Argument	frame OID
Description	This error is returned when the structure of a BLOB frame is damaged because of an incorrect link.

Table 4-300 Error Message 4003

ERROR 4004	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid BLOB OID:
Argument	frame OID
Description	This error is returned when a frame's recorded OID is not the same as the specified OID.

Table 4-301 Error Message 4004

ERROR 4005	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid number of free bytes in a frame:
Argument	frame OID
Description	This error is returned when the amount of free space, in the data area, of a frame is not correct.

Table 4-302 Error Message 4005

ERROR 4006	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	PE of BLOB frame is not allocated:
Argument	frame OID
Description	This error is returned when a frame indicates it is allocated, but its PE entry indicates otherwise.

Table 4-303 Error Message 4006

ERROR 4007	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column descriptor BLOB length is invalid:
Argument	frame OID
Description	This error is returned when the real BLOB length is not equal to the column descriptor BLOB length (BBHDR). Both values should be the same.

Table 4-304 Error Message 4007

ERROR 4008	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	OID of small indirect BLOB is invalid:
Argument	record OID
Description	This error is returned when there is a failure to fetch the page of a record of an indirect BLOB.

Table 4-305 Error Message 4008

ERROR 4009	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	contents of small indirect BLOB are invalid:
Argument	record OID
Description	This error is returned when the small indirect BLOB record's slot flag or column type are incorrect.

Table 4-306 Error Message 4009

ERROR 4010	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	share count of BLOB is invalid:
Argument	frame OID
Description	This error is returned when share count to record the number of accesses by columns, for a BLOB, is zero.

Table 4-307 Error Message 4010

ERROR 4011	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	type in BLOB header is invalid:
Argument	record OID
Description	This error is returned when the flag of the BLOB OID is incorrect (not inline, small, huge or file object).

Table 4-308 Error Message 4011

ERROR 4012	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table OID of BLOB is wrong:
Argument	record OID
Description	This error is returned when the table OID recorded in the BLOB descriptor (BBHDR) does not match that of the table.

Table 4-309 Error Message 4012

ERROR 4013	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column ID of inline BLOB is wrong:
Argument	record OID
Description	This error is returned when the column id (number) recorded in the BLOB descriptor, (BBHDR) for inline BLOBs, is not in the correct column.

Table 4-310 Error Message 4013

ERROR 4014	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	record ID of inline BLOB is wrong:
Argument	record OID
Description	This error is returned when the record OID recorded in the BLOB descriptor, (BBHDR) for inline BLOBs, is not in the correct column.

Table 4-311 Error Message 4014

ERROR 4015	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this BLOB has been truncated to zero after rollover:
Argument	frame OID
Description	This error will be returned when the tablespace backup BLOB mode is off, or if the backup mode does not include BLOB, a huge BLOB will not be written to the journal. The incremental backup journal file does not contain the BLOB, so after a rollover, the original BLOB will set the TRUNCATE flag.

Table 4-312 Error Message 4015

4.9 Error Messages 5001-5387

ERROR 5001	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY001
Error Message	out of memory
Argument	None
Description	This error is returned when the system memory has been completely exhausted.

Table 4-313 Error Message 5001

ERROR 5002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	data conversion overflow
Argument	None
Description	This error is returned when Converting a longer data type value to a shorter data type (Convert type long value '2147283600' into short type) or when Converting numeric type value "123.44" into a 4 byte string.

Table 4-314 Error Message 5002

Error Reference and Message

ERROR 5003	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22018
Error Message	Error in assignment (types are compatible, but data cannot be converted to target type)
Argument	None
Description	This error is returned when character types are compatible but cannot be converted to one another.
Example	Type character and type integer are compatible (can convert each other), but characters "abc" cannot be converted to an integer value.

Table 4-315 Error Message 5003

ERROR 5101	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of allocated connection handles exceeds maximum value
Argument	maximum value is MAX_DCB
Description	This error is returned when a user allocates too many connection handles.

Table 4-316 Error Message 5101

ERROR 5102	
ODBC Return Code	SQL_INVALID_HANDLE
ODBC SQL State	HY000
Error Message	invalid environment handle
Argument	None
Description	This error is returned when the environment handle pointer is null or is an invalid environment handle pointer.

Table 4-317 Error Message 5102

ERROR 5103	
ODBC Return Code	SQL_INVALID_HANDLE
ODBC SQL State	HY000
Error Message	invalid connection handle
Argument	None
Description	This error is returned when the connection handle pointer is null or is an invalid connection handle pointer.

Table 4-318 Error Message 5103

ERROR 5104	
ODBC Return Code	SQL_INVALID_HANDLE
ODBC SQL State	HY000
Error Message	invalid statement handle
Argument	None
Description	This error is returned when the statement handle pointer is null or is an invalid statement handle pointer.

Table 4-319 Error Message 5104

ERROR 5105	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY012
Error Message	invalid transaction operation code
Argument	None
Description	This error is returned when a user attempts to use transaction operation options other than SQL_COMMIT or SQL_ROLLBACK.

Table 4-320 Error Message 5105

ERROR 5106	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08003
Error Message	connection not open
Argument	None
Description	This error is returned when, during a transaction, a client cannot communicate with the server after sending a command to the server side for some information about network errors.

Table 4-321 Error Message 5106

ERROR 5107	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08007
Error Message	connection failure during transaction
Argument	None
Description	This error is returned when, during a transaction, a client cannot read from the server to determine if the command was successful or a failure. This error is due to network problems.

Table 4-322 Error Message 5107

ERROR 5108	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot connect to the same db twice in a single AP using different user name
Argument	None
Description	None

Table 4-323 Error Message 5108

ERROR 5109	
ODBC Return Code	SQL_ERROR
ODBC SQL State	IM001
Error Message	driver does not support this function
Argument	None
Description	None

Table 4-324 Error Message 5109

ERROR 5110	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY096
Error Message	type of information out of range
Argument	None
Description	This error is returned when a data type is out of range.
Example	SQLGetInfo; The fInfoType argument value is invalid.

Table 4-325 Error Message 5110

ERROR 5111	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY110
Error Message	flag value which indicates whether driver must prompt for information is invalid
Argument	None
Description	This error is returned when a flag value is invalid.
Example	SQLDriverConnect: The fDriverCompletion argument value is invalid.

Table 4-326 Error Message 5111

ERROR 5112	
ODBC Return Code	SQL_ERROR
ODBC SQL State	IM008
Error Message	the driver attempted to display its login dialog box and failed
Argument	None
Description	This error is returned when a Dialog Box function call has failed.

Table 4-327 Error Message 5112

ERROR 5113	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY095
Error Message	function type out of range
Argument	None
Description	This error is returned when a function type is out of range.
Example	SQLGetFunctions; The fFunction argument is invalid.

Table 4-328 Error Message 5113

ERROR 5114	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot dump plan, please set dump plan ON first
Argument	None
Description	This error is returned when a user attempts to use an invalid sequence to dump.
Solution	Set the dump plan flag on the SQLSetStmtOption(hstmt, SQL_DUMP_PLAN, SQL_DUMP_PLAN_ON); Get the plan length SQLGetStmtOption(hstmt, SQL_PLAN_LEN, &planlen); Get the plan string SQLGetStmtOption(hstmt, SQL_PLAN, plan);

Table 4-329 Error Message 5114

ERROR 5115	
ODBC Return Code	SQL_INVALID_HANDLE
ODBC SQL State	HY000
Error Message	invalid descriptor handle
Argument	None
Description	This error is returned when the descriptor handle pointer is null or is an invalid descriptor handle pointer.

Table 4-330 Error Message 5115

ERROR 5116	
ODBC Return Code	SQL_INVALID_HANDLE
ODBC SQL State	HY000
Error Message	invalid handle type
Argument	None
Description	This error is returned when a user attempts to use a handle type other than environment, connection, statement, descriptor, or BLOB.

Table 4-331 Error Message 5116

ERROR 5117	
ODBC Return Code	SQL_INVALID_HANDLE
ODBC SQL State	HY000
Error Message	invalid blob handle
Argument	None
Description	This error is returned when the BLOB handle pointer is NULL or is an invalid BLOB handle pointer.

Table 4-332 Error Message 5117

ERROR 5118	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08003
Error Message	The address of the connection string is incompatible with dmconfig.ini
Argument	None
Description	DBMaker does not support incompatible addresses between the connection string and dmconfig.ini.

Table 4-333 Error Message 5118

ERROR 5119	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08003
Error Message	The port number of the connection string is incompatible with dmconfig.ini
Argument	None
Description	DBMaker does not support incompatible port numbers between the connection string and dmconfig.ini.

Table 4-334 Error Message 5119

ERROR 5302	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07009
Error Message	bound column number exceeds valid column number range
Argument	valid column number range
Description	This error is returned either when the input column number is less than zero, the bind column number is greater than the projection column number, or the input column number is greater than the maximum column number.

Table 4-335 Error Message 5302

ERROR 5303	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07009
Error Message	parameter number not in valid parameter number range
Argument	parameter range
Description	This error is returned either when the input parameter number is less than zero, the input parameter number is greater than the real parameter number, or the input parameter number is greater than the maximum parameter number.

Table 4-336 Error Message 5303

ERROR 5304	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08002
Error Message	connection in use
Argument	None
Description	This error is returned when a user attempts to connect to the database using a connection handle that is already connected to the database.

Table 4-337 Error Message 5304

ERROR 5305	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08003
Error Message	number of input pareameter(s) is not in parameter number range.
Argument	None
Description	This error is returned when a user, who has not connected to the database, wants to perform an action that requires the user to be connected to the database.

Table 4-338 Error Message 5305

ERROR 5306	
ODBC Return Code	SQL_ERROR
ODBC SQL State	34000
Error Message	invalid cursor name, cannot find cursor
Argument	None
Description	This error is returned when the cursor name cannot be found in all the command handles of the connection.

Table 4-339 Error Message 5306

ERROR 5307	
ODBC Return Code	SQL_ERROR
ODBC SQL State	24000
Error Message	invalid cursor state
Argument	current state
Description	This is a state transition error. Refer to the ODBC manual about state transitions.
Example	Call SQLFetch after executing a non-select command.

Table 4-340 Error Message 5307

ERROR 5308	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY024
Error Message	invalid argument value
Argument	None
Description	This error is returned when, for a specific option, the input option value is not in the valid value range.
Example	For option SQL_ATTR_AUTOCOMMIT in SQLSetConnectAttr, only valid options values are SQL_AUTOCOMMIT_ON and SQL_AUTOCOMMIT_OFF.

Table 4-341 Error Message 5308

ERROR 5309	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07002
Error Message	not enough parameters have been bound for execution or ParamValuePtr is NULL, IndPtr is not SQL_NULL_DATA or SQL_DATA_AT_EXEC and InputOutputType is not SQL_PARAM_OUTPUT
Argument	need parameter number
Description	This error is returned when either a binding parameter number is less than the real parameter number (number of '?' in execute statements), or for parameters that are not output parameters (argument InputOutputType of SQLBindParameter is not SQL_PARAM_OUTPUT) , if the parameter buffer pointer (argument ParamValuePtr of SQLBindParameter) is nil and the indicator pointer (argument IndPtr of SQLBindParameter) is not SQL_NULL_DATA, SQL_DEFAULT_PARAM, or SQL_DATA_AT_EXEC.

Table 4-342 Error Message 5309

ERROR 5310	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY010
Error Message	function sequence error (connection handle should not be freed before disconnect)
Argument	None
Description	This error is returned when a user attempts to free one connection handle that is still connected.

Table 4-343 Error Message 5310

ERROR 5311	
ODBC Return Code	SQL_ERROR
ODBC SQL State	34000
Error Message	length of cursor name exceeds maximum length
Argument	maximum cursor length
Description	None

Table 4-344 Error Message 5311

ERROR 5312	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY092
Error Message	option type out of range
Argument	None
Description	This error is returned when the input option value is undefined in the ODBC.

Table 4-345 Error Message 5312

ERROR 5313	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY010
Error Message	function sequence error
Argument	current state
Description	This is a state transition error. Please refer to the ODBC manual for more information about state transition.
Example	A user calls SQLExecute before preparing an SQL command by calling SQLPrepare.

Table 4-346 Error Message 5313

ERROR 5314	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user data address alignment error
Argument	None
Description	The numeric argument pointer must locate a suitable address (4 bytes alignment for long, double, float and 2 bytes alignment for short), otherwise this error will be returned.
Example;	For the argument ParamValuePtr of SQLBindParameter and C, the argument value is set to numeric (long, short, double, or float).

Table 4-347 Error Message 5314

ERROR 5315	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07006
Error Message	restricted data type attribute violation (cannot convert between SQL and C data type)
Argument	None
Description	DBMaker is not capable of converting between specific SQL and C data types, though they are compatible data types in the ODBC standard definition.
Example	DBMaker cannot convert SQL_BINARY data to SQL_C_DOUBLE.

Table 4-348 Error Message 5315

ERROR 5316	
ODBC Return Code	SQL_NEED_DATA
ODBC SQL State	00000
Error Message	parameter need data
Argument	None
Description	None

Table 4-349 Error Message 5316

ERROR 5317	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY003
Error Message	program type out of range
Argument	None
Description	This error is returned when the input SQL_C_TYPE is undefined in the ODBC.

Table 4-350 Error Message 5317

ERROR 5318	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY004
Error Message	SQL data type out of range
Argument	None
Description	This error is returned when the input SQL_TYPE is undefined in the ODBC.

Table 4-351 Error Message 5318

ERROR 5319	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY104
Error Message	invalid value specified for precision
Argument	None
Description	This error is returned when a user specifies an invalid value for precision (The value is less than zero or less than its scale value.)

Table 4-352 Error Message 5319

ERROR 5320	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	SQL statement exceeds maximum statement length
Argument	DB_MAX_I15
Description	This error is returned when an SQL statement exceeds the maximum statement length. Valid statement lengths must be less than 65535 bytes.

Table 4-353 Error Message 5320

ERROR 5321	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY097
Error Message	column type out of range
Argument	None
Description	None
Example	SQLSpecialcolumn; The only valid values of argument for fColType are SQL_BEST_ROWID and SQL_ROWVER.

Table 4-354 Error Message 5321

ERROR 5322	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY098
Error Message	scope type out of range
Argument	None
Description	None
Example	SQLSpecialcolumn; The only valid values of argument for fScope are SQL_SCOPE_CURROW, SQL_SCOPE_TRANSACTION, and SQL_SCOPE_SESSION.

Table 4-355 Error Message 5322

ERROR 5323	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY099
Error Message	NULLABLE type out of range
Argument	None
Description	SQLSpecialcolumn; The only valid values of argument for fNullable are SQL_NO_NULLS and SQL_NULLABLE.

Table 4-356 Error Message 5323

ERROR 5324	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY100
Error Message	uniqueness option type out of range
Argument	None
Description	None
Example	SQLStatistics; The only valid values of argument for fUnique are SQL_INDEX_UNIQUE and SQL_INDEX_ALL.

Table 4-357 Error Message 5324

ERROR 5325	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY101
Error Message	accuracy option type out of range
Argument	None
Description	This error is returned when the accuracy option type is invalid.
Example;	SQLStatistics; The only valid value of argument for fAccuracy is SQL_ENSURE and SQL_QUICK.

Table 4-358 Error Message 5325

ERROR 5327	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY090
Error Message	invalid string or buffer length
Argument	None
Description	This error is returned either when the buffer length is less than zero, or during execution (by SQLExecDirect or SQLExecute), the input buffer pointer, set by SQLBindParameter, is nil and the value of the indicator buffer is not SQL_NULL_DATA, SQL_DEFAULT_PARAM, SQL_DATA_AT_EXEC, or SQL_COLUMN_IGNORE.

Table 4-359 Error Message 5327

ERROR 5328	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HYC00
Error Message	the driver not capable of doing conversion
Argument	None
Description	DBMaker is not capable of converting between specific SQL and C data types, though they are compatible data types in the ODBC standard definition.
Example	DBMaker cannot convert SQL_CHAR data to SQL_C_LONG.

Table 4-360 Error Message 5328

ERROR 5329	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY105
Error Message	the value specified for the argument fParamType is invalid
Argument	None
Description	This error is returned when the parameter value is anything other than SQL_PARAM_INPUT, SQL_PARAM_OUTPUT, or SQL_PARAM_INPUT_OUTPUT.

Table 4-361 Error Message 5329

ERROR 5330	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HYC00
Error Message	driver not capable
Argument	None
Description	This error is returned when the DBMaker driver does not support the data type or operation.
Example;	DBMaker does not support the operation SQL_C_UBIGINT.

Table 4-362 Error Message 5330

ERROR 5331	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY010
Error Message	function sequence error (environment handle should not be freed before disconnecting)
Argument	None
Description	None

Table 4-363 Error Message 5331

ERROR 5332	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY010
Error Message	function sequence error (environment handle should not be freed before freeing connection handle)
Argument	None
Description	None

Table 4-364 Error Message 5332

ERROR 5333	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY011
Error Message	Operation invalid at this time
Argument	None
Description	This error is returned when a corresponding event has not happened. DBMaker has some options that must be got in a certain order.
Example	Call SQLGetStmtOption with SQL_GET_INCREMENT_VALUE, but not an insert statement.

Table 4-365 Error Message 5333

ERROR 5334	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of database name exceeds system limitation
Argument	None
Description	None

Table 4-366 Error Message 5334

ERROR 5335	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of user name exceeds system limitation
Argument	None
Description	None

Table 4-367 Error Message 5335

ERROR 5336	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of password exceeds system limitation
Argument	None
Description	None

Table 4-368 Error Message 5336

ERROR 5337	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid database name
Argument	None
Description	This error is returned when a user attempts to call SQLConnect to connect to a data source. The input database name length that is used by the user is zero.

Table 4-369 Error Message 5337

ERROR 5338	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	get BKUP_ID statement option specified buffer size less than required
Argument	required buffer size
Description	This error is returned when a user attempts to call the apiGetStmtAttr() function to get a statement option and the buffer size allotted is insufficient. The user must provide enough buffer space to contain the return value.

Table 4-370 Error Message 5338

ERROR 5339	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY008
Error Message	operation has been canceled
Argument	None
Description	This error is returned when a user attempts to continue a putting operation after SQLCancel has been called.
Example	SQLPutData is used to input a large piece of data. During the putting of data, SQLCancel is called. The operation of putting data will be terminated. The user continues to try and put the data using SQLParmData and SQLPutData. To put data, the user should start over again by executing an SQL command.

Table 4-371 Error Message 5339

ERROR 5340	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY104
Error Message	invalid scale value
Argument	None
Description	This error is returned when a user specifies an invalid scale (less than zero).

Table 4-372 Error Message 5340

ERROR 5341	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07009
Error Message	the column to be bound has already been bound
Argument	None
Description	This error is returned when a user attempts to bind a column that has already been bound.

Table 4-373 Error Message 5341

ERROR 5342	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find valid cursor for update/delete current
Argument	None
Description	This error is returned when a cursor's command is not a single table query.

Table 4-374 Error Message 5342

ERROR 5343	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	numeric data cannot be put more than once
Argument	None
Description	This error is returned when an int column has just called SQLPutData to put data. SQLPutData can only be called once to put data into an int column.

Table 4-375 Error Message 5343

ERROR 5344	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this type of data cannot be put more than once
Argument	None
Description	This error is returned when a char column has just called SQLPutData to put data. SQLPutData can only be called once to put data in a char column.

Table 4-376 Error Message 5344

ERROR 5345	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	when retrieve data, the number of bytes available return to the user buffer is greater than boundary of sign long
Argument	None
Description	This error is returned when a user attempts to retrieve long varbinary data by converting it to SQL_C_CHAR and the size of the long varbinary data is greater than 2147483647/2 (2G/2).

Table 4-377 Error Message 5345

ERROR 5346	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file name exceeds 256 bytes (including null terminator)
Argument	file name
Description	None

Table 4-378 Error Message 5346

ERROR 5347	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot open a client file
Argument	file name
Description	This error is returned when a user attempts to save a file object on the server, but the server is unable to find the file.

Table 4-379 Error Message 5347

ERROR 5348	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error reading client file
Argument	file name
Description	This error is returned when reading the content of a client file, to insert as a file object/BLOB column.

Table 4-380 Error Message 5348

ERROR 5349	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error writing client file error
Argument	file name
Description	This error is returned when selecting a BLOB column into a client file.

Table 4-381 Error Message 5349

ERROR 5351	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the client file does not exist
Argument	file name
Description	None

Table 4-382 Error Message 5351

ERROR 5352	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the client file is a directory, it should be a file
Argument	file name
Description	None

Table 4-383 Error Message 5352

ERROR 5353	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22023
Error Message	invalid input parameter value or input parameter buffer length cause conversion error
Argument	None
Description	This error is returned when the input parameter (SQL_C_TYPE) value and input parameter buffer length are not compatible with each other.
Example	SQLPutData: parameter value is '123', buffer length is 20.

Table 4-384 Error Message 5353

ERROR 5354	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	total data size of input parameters is too large
Argument	None
Description	This error is returned when the total data size of all input parameters for one tuple is greater than 60K.

Table 4-385 Error Message 5354

ERROR 5355	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file extension name exceeds 7 character
Argument	file extname
Description	None

Table 4-386 Error Message 5355

ERROR 5356	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot allocate environment handle
Argument	None
Description	None

Table 4-387 Error Message 5356

ERROR 5357	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY107
Error Message	row value out of range
Argument	None
Description	This error is returned when a row value is out of range.
Example;	SQLSetPo: Input row number is greater than rowset size

Table 4-388 Error Message 5357

ERROR 5358	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The result set from SQLExtendedFetch() is not modifiable
Argument	None
Description	This error occurs when a user attempts to modify the result set from SQLExtendedFetch(). A user can get the result set from SQLExtendedFetch, but some result sets can be modified and others cannot.
Example	The result set got from a single table can be modified. The result set derived from multiple tables cannot be modified.

Table 4-389 Error Message 5358

ERROR 5360	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Rowset size must be 1 if call SQLSetPos and SQLPutData modifying blob fields
Argument	None
Description	None

Table 4-390 Error Message 5360

ERROR 5361	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	NULL or DEFAULT data cannot be put more than once
Argument	None
Description	None

Table 4-391 Error Message 5361

ERROR 5362	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	NULL or DEFAULT data cannot be put after putting general data
Argument	None
Description	This error is returned when a user attempts to put NULL or DEFAULT data after putting data.
Example	SQLPutData is used to insert data. The user cannot put string 'abc' and then in the next operation put a null value or default value for the same parameter.

Table 4-392 Error Message 5362

ERROR 5363	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY109
Error Message	invalid cursor position
Argument	None
Description	This error is returned when a user attempts an operation on the wrong tuple of rowset.
Example	A user tries to get data from a tuple and that tuple had been deleted in the rowset.

Table 4-393 Error Message 5363

ERROR 5364	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid input file type
Argument	None
Description	This error is returned when a user attempts to use an invalid input file type. To insert file objects, for result set got from an extended fetch, the user must set the file object type by SQLSetStmtAttr with the option SQL_SPOS_FO. The value of option SQL_SPOS_FO is only SQL_SPOS_FO_SFILE and SQL_SPOS_FO_CFILE.

Table 4-394 Error Message 5364

ERROR 5365	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY017
Error Message	invalid use of an automatically allocated descriptor handle
Argument	None
Description	This error is returned when a user attempts invalid use of an automatically allocated descriptor handle.
Example	The Attribute argument was SQL_ATTR_IMP_ROW_DESC or SQL_ATTR_IMP_PARAM_DESC. The Attribute argument was SQL_ATTR_APP_ROW_DESC or SQL_ATTR_APP_PARAM_DESC, and the value in ValuePtr was an implicitly allocated descriptor handle other than the handle originally allocated for the ARD or APD.

Table 4-395 Error Message 5365

ERROR 5366	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY092
Error Message	invalid attribute/option identifier; this attribute is read-only; or value of value buffer is invalid for the descriptor field
Argument	None
Description	None

Table 4-396 Error Message 5315

ERROR 5367	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY016
Error Message	cannot modify an implementation row descriptor
Argument	None
Description	This error is returned when a user calls a function (SQLSetDescRec, SQLSetDescField, or SQLCopyDesc) and the target descriptor is an implementation row descriptor.

Table 4-397 Error Message 5367

ERROR 5368	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY021
Error Message	type, concise type and interval code are not consistent, or date/time data type is inconsistent with ODBC version
Argument	None
Description	None
Example	The type, concise type and interval code of descriptor are not consistent. In ODBC 3.0, a user should use SQL_TYPE_TIME/SQL_TYPE_DATE/SQL_TYPE_TIMESTAMP for type time/date/timestamp, not SQL_TIME/SQL_DATE/SQL_TIMESTAMP defined in ODBC 2.0.

Table 4-398 Error Message 5368

ERROR 5369	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY091
Error Message	field is invalid or read-only
Argument	None
Description	SQLColAttribute: a user calls it with an invalid input attribute. SQLSetDescField: a user cannot call it with a read-only option
Example	SQL_DESC_AUTO_UNIQUE_VALUE, SQL_DESC_BASE_COLUMN_NAME.

Table 4-399 Error Message 5369

ERROR 5370	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07009
Error Message	invalid record number
Argument	None
Description	This error is returned when the input record number is less than or equal to zero (for descriptor functions).

Table 4-400 Error Message 5370

ERROR 5371	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY009
Error Message	invalid use of null pointer
Argument	None
Description	This error is returned when the buffer pointer argument is nil.

Table 4-401 Error Message 5371

ERROR 5372	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY017
Error Message	an automatically allocated descriptor handle is free (unallocated)
Argument	None
Description	This error is returned when a user attempts to free an automatically allocated descriptor.

Table 4-402 Error Message 5372

ERROR 5373	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	set wrong type in SQL_DESC_TYPE field
Argument	None
Description	None

Table 4-403 Error Message 5373

ERROR 5374	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	wrong type set in SQL_DESC_CONCISE_TYPE field
Argument	None
Description	None

Table 4-404 Error Message 5374

ERROR 5375	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07005
Error Message	statement prepared but no result set available
Argument	None
Description	These functions cannot be called in state S2 (no result set can be generated after prepare). S2 is a standard state in ODBC.

Table 4-405 Error Message 5375

ERROR 5376	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY011
Error Message	attribute cannot be set now
Argument	None
Description	This error is returned when an attribute is set in state S2, S3, S8, S9, S10 (These state definitions are ODBC standard spec.).

Table 4-406 Error Message 5376

ERROR 5377	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY106
Error Message	fetch type is out of range, SQL_ATTR_CURSOR_TYPE = SQL_CURSOR_FORWARD_ONLY / SQL_ATTR_CURSOR_SCROLLABLE = SQL_NONSCROLLABLE but fetch type is not SQL_FETCH_NEXT, or SQLFetchScroll with SQL_FETCH_BOOKMARK and the SQL_ATTR_USE_BOOKMARKS statement attribute was set to SQL_UB_OFF
Argument	None
Description	This error is returned when: 1. The fetch type is out of range. 2. When a user sets the value of option SQL_ATTR_CURSOR_TYPE to SQL_CURSOR_FORWARD_ONLY or sets the value of option SQL_ATTR_CURSOR_SCROLLABLE to SQL_NONSCROLLABLE, the fetch direction must only be SQL_FETCH_NEXT 3. When a user calls SQLFetchScroll with SQL_FETCH_BOOKMARK and the SQL_ATTR_USE_BOOKMARKS statement attribute is set to SQL_UB_OFF

Table 4-407 Error Message 5377

ERROR 5378	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22002
Error Message	null data fetched into a column whose SQL_DESC_INDICATOR_PTR was a null pointer
Argument	None
Description	The user must allocate the indicator buffer for the null data that will be retrieved. The user must also set the pointer of the allocated indicator buffer by the option SQL_DESC_INDICATOR_PTR of the descriptor functions.

Table 4-408 Error Message 5378

ERROR 5379	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HYC00
Error Message	optional feature not implemented
Argument	None
Description	This error is returned when DBMaker does not support the option.

Table 4-409 Error Message 5379

ERROR 5380	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY024
Error Message	the value in bind offset pointer is invalid
Argument	None
Description	This error is returned when the value in the bind offset pointer is less than zero.

Table 4-410 Error Message 5380

ERROR 5381	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot communicate with MS DTC
Argument	None
Description	Make sure the Microsoft Distributed Transaction Coordinator has been started.

Table 4-411 Error Message 5381

ERROR 5382	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Invalid set option value
Argument	None
Description	This error is returned when a user inputs an invalid set value.
Example	'set autocommit', its option value should be 'on' or 'off', not '1', or '2'

Table 4-412 Error Message 5382

ERROR 5383	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	too many BLOB handles allocated
Argument	we can allocate max BLOB handle number
Description	This error is returned when a user allocates a number of BLOB handles that exceeds the maximum value BLOB handles that DBMaker can support.

Table 4-413 Error Message 5383

ERROR 5384	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07006
Error Message	Restricted data type attribute violation (The bound column is 0, but the C type is not SQL_C_BOOKMARK or SQL_C_VARBOOKMARK.)
Argument	None
Description	The bound column is 0, but the C type is not SQL_C_BOOKMARK or SQL_C_VARBOOKMARK.

Table 4-414 Error Message 5384

ERROR 5385	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY111
Error Message	Invalid bookmark value
Argument	None
Description	The bookmark value specified by SQLSetStmtAttr with attribute SQL_ATTR_FETCH_BOOKMARK_PTR is an invalid input bookmark value or the tuple specified by the bookmark has been deleted/updated

Table 4-415 Error Message 5385

ERROR 5386	
ODBC Return Code	SQL_ERROR
ODBC SQL State	07009
Error Message	Invalid descriptor index (Column 0 was bound, and the SQL_ATTR_USE_BOOKMARKS statement attribute was set to SQL_UB_OFF.)
Argument	None
Description	Column 0 was bound, and the SQL_ATTR_USE_BOOKMARKS statement attribute was set to SQL_UB_OFF.

Table 4-416 Error Message 5386

ERROR 5387	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY111
Error Message	The cursor position is undefined, the cursor cannot move next/prior/relative
Argument	None
Description	the cursor position is undefined after SQLBulkOperations

Table 4-417 Error Message 5387

4.10 **Errors 5502-5518 (DCI Errors)**

ERROR 5502	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column type not supported
Argument	None
Description	This error occurs when opening a table with an unsupported column data type.

Table 4-418 Error Message 5502

ERROR 5503	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid key name
Argument	key name
Description	A COBOL READ/START/WRITE/REWRITE statement has an invalid key name

Table 4-419 Error Message 5503

ERROR 5504	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use host variable in DBM_EXECSQL()
Argument	None
Description	A user cannot pass an SQL command with a host variable

Table 4-420 Error Message 5504

ERROR 5506	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid cursor state (no current cursor)
Argument	None
Description	Attempted to READ a record when the cursor has not been opened yet or has been closed

Table 4-421 Error Message 5506

ERROR 5507	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table is opened read-only
Argument	None
Description	Attempted to WRITE/REWRITE/DELETE on a table which was opened as read-only.

Table 4-422 Error Message 5507

ERROR 5508	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	do not have INSERT/UPDATE/DELETE privilege
Argument	None
Description	Attempted to open with I-O mode, but the user does not have update privilege

Table 4-423 Error Message 5508

ERROR 5510	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid DCI connection handle
Argument	None
Description	DCI attempted to use a connection handle for a connection that has not been opened yet.

Table 4-424 Error Message 5510

ERROR 5511	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid DCI table handle
Argument	None
Description	DCI attempted to use a table handle for a table that has not been opened yet.

Table 4-425 Error Message 5511

ERROR 5512	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot issue select query in DBM_EXECSQL()
Argument	None
Description	This error occurs when a user attempts to run a SELECT SQL command in COBOL program

Table 4-426 Error Message 5512

ERROR 5513	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	client-server version mismatch when dci connect
Argument	None
Description	The DCI executable version is incompatible with the DBMaker server For example, the 3.71 DCI executable is connected to a DBMaker 3.7 server. This error is returned when a new DCI runtime connects to an older DBMaker server

Table 4-427 Error Message 5513

ERROR 5514	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid column number
Argument	None
Description	When user's XFD column number > table column number

Table 4-428 Error Message 5514

ERROR 5515	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid XFD column name or data type and length does not match
Argument	None
Description	When user's XFD column name or data type and length does not match the table definition

Table 4-429 Error Message 5515

ERROR 5517	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	DCI support opening with a single table view, does not support view with subq/join/aggregate/dist/union
Argument	None
Description	when user open a view and this view is not a single table view

Table 4-430 Error Message 5517

ERROR 5518	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	DCI blob data is null
Argument	None
Description	This message is returned when a user tries to retrieve BLOB data from a column and the data is null.

Table 4-431 Error Message 5518

4 Error Messages

This chapter lists all general error messages that may be returned by DBMaker. General error messages indicate the execution of a transaction has been terminated due to an unexpected condition. The cause of the error is indicated by the error message. Some modifications to the transaction or the database settings are required in order for the transaction to be successfully completed.

4.11 **Errors 5601-5642 (XML Errors)**

ERROR 5601	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xml parser internal error
Argument	None
Description	None

Table 4-1 Error Message 5601

ERROR 5602	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	general xml parser error, please see log file
Argument	None
Description	xml file parse failed, refer to the log file for specific error messages.

Table 4-2 Error Message 5602

ERROR 5603	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no base element specified, must have base element for import
Argument	None
Description	The correct base element(s) must be specified from the document root in order to identify the starting point for xml document import.

Table 4-3 Error Message 5603

ERROR 5604	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no. of imported columns and imported column count do not match
Argument	None
Description	The number of imported columns should be consistent with the imported column count.

Table 4-4 Error Message 5604

ERROR 5605	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specified base element
Argument	None
Description	The base element specified cannot be found in the xml document that the user is trying to import into the database.

Table 4-5 Error Message 5605

ERROR 5606	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	base element has no attribute
Argument	None
Description	users have specified column_as_attribute option when importing xml file, but there is no attribute under the base element.

Table 4-6 Error Message 5606

ERROR 5607	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	imported column_count must be the same as no. of selected columns
Argument	None
Description	The number pf XML columns imported should be the same as the number of selected columns

Table 4-7 Error Message 5607

ERROR 5608	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot import data because no dtd and no selected columns
Argument	None
Description	You must have a DTD and specify what columns are to be imported when importing xml data into the database.

Table 4-8 Error Message 5608

ERROR 5609	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	dbname argument cannot be a null or empty string
Argument	None
Description	A database name must be specified when importing xml data.

Table 4-9 Error Message 5609

ERROR 5610	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	export blob and column as attribute options cannot exist at the same time
Argument	None
Description	xml file parse failed, refer to the log file for specific error messages.

Table 4-10 Error Message 5610

ERROR 5611	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xml element cannot use duplicate name
Argument	None
Description	None

Table 4-11 Error Message 5611

ERROR 5612	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xvt invalid argument
Argument	xvt invalid argument error
Description	1. Missing required argument for xvt api. 2. Failed to open xvt file or create xml file. 3. Other error

Table 4-12 Error Message 5612

ERROR 5613	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xerces parser error
Argument	xerces parser error
Description	1. Not an XML file, first line is not <?xml version="1.0"?> 2. The XML file is not well-formed 3. Invalid XML file 4. Other error

Table 4-13 Error Message 5613

ERROR 5614	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid xtt syntax
Argument	invalid xtt syntax
Description	Possible reasons for error: 1. Root element is not <xtt:template>. 2. Not in namespace "urn:schema-dbmaker-com:xml-template". 3. Duplicate attribute name under user-defined element. 4. Missing required attribute. 5. Other errors

Table 4-14 Error Message 5614

ERROR 5615	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xrt process error
Argument	xrt process error
Description	Possible reasons for error: 1. Invalid variable reference. 2. I/O error. 3. Other errors

Table 4-15 Error Message 5615

ERROR 5641	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xrt api error
Argument	xrt api error
Description	Possible reasons for error: 1. Failed to create Java virtual machine 2. Failed to create new java object 3. Other errors

Table 4-16 Error Message 5641

ERROR 5642	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	xtn process error
Argument	xtn process error
Description	Possible reasons for error: 1. Invalid variable reference. 2. I/O error. 3. XSL transformation error. 4. Other errors

Table 4-17 Error Message 5642

4.12 Error Messages 6002-6020

ERROR 6002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	syntax error near or at
Argument	current token value
Description	This error is returned when: The syntax does not expect keyword or a keyword as an identifier. A delimiter is required between the number and identifier;
Example	Example 1: 124id. A delimiter is required between the string and identifier. Example 2: '4566'abc. The exponent of a floating-point number has invalid syntax. Example 3: 1234e4a. There is an unknown constant data type definition

Table 4-18 Error Message 6002

ERROR 6003	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	specified integer constant is less than minimum value
Argument	-(DB_MAX_I31+1)
Description	This error is returned when an integer constant is less than the minimum integer value (-2147483648).

Table 4-19 Error Message 6003

ERROR 6004	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	specified integer constant is greater than maximum value
Argument	DB_MAX_I31
Description	This error is returned when an integer constant is greater than the maximum integer value (2147483647).

Table 4-20 Error Message 6004

ERROR 6005	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	specified single quote (') is missing at the other end of string
Argument	None
Description	This error is returned when a single quote (') is missing for a single quoted string.
Example	Insert into t1 values ('abc);

Table 4-21 Error Message 6005

ERROR 6006	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	None specified double quote (") is missing at the other end of
Argument	string
Description	This error is returned when a double quote (") is missing for a double quoted string.
Example	Create table "abc (c1 int);

Table 4-22 Error Message 6006

ERROR 6007	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	specified decimal number exceeds maximum number of digits: digit number
Argument	n_dec_digits maximum number of digits
Description	This error is returned when the decimal constant number exceeds the maximum number of digits.

Table 4-23 Error Message 6007

ERROR 6008	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	smallest non-zero floating point number is less than minimum value
Argument	minexp
Description	This error is returned when the floating point number is less than the minimum double floating point value.

Table 4-24 Error Message 6008

ERROR 6009	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	minimum floating point number is about
Argument	-maxexp
Description	None

Table 4-25 Error Message 6009

ERROR 6010	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	Maximum floating point number is about
Argument	-maxexp to maxexp
Description	The maximum floating-point number is about -(maximum double floating point value) to maximum floating point value. Number out of this range encountered.

Table 4-26 Error Message 6010

ERROR 6011	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22018
Error Message	character not recognized in hexadecimal constant
Argument	invalid hexadecimal token
Description	This error is returned when a user inputs invalid hexadecimal constants.
Example	The hexadecimal constant '12pk'x is invalid. The valid range for hexadecimal values is between 0 and F.

Table 4-27 Error Message 6011

ERROR 6012	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	expected hexadecimal data between the quotes
Argument	None
Description	This error is returned when a hexadecimal character is missing from the quoted string.
Example	'x

Table 4-28 Error Message 6012

ERROR 6013	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22018
Error Message	even number of digits required in hexadecimal constant
Argument	None
Description	This error is returned when a user attempts to input an odd number of digits as a hexadecimal constant.
Example	'123'x

Table 4-29 Error Message 6013

ERROR 6014	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	invalid constant data type definition, expected '}'
Argument	None
Description	The following is the correct format of the constant data type definition date: {d '12-31-94'} time: {t 'xxxxxxx'} timestamp: {ts 'xxxxxxx'} hex : {x '12345678'} ; it is not specified in ODBC if there're no ";" directly after the string for the above case.
Example	{d '12-31-94' afdsf

Table 4-30 Error Message 6014

ERROR 6015	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	incomplete SQL statement input
Argument	None
Description	This error is returned when the SQL statement used is incomplete.
Example	Select * from ;

Table 4-31 Error Message 6015

ERROR 6017	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	invalid outer join syntax
Argument	None
Description	This error is returned when the outer join syntax is invalid.
Example	Select * from t1 left outer join t2; t3 left outer t4 on t3.c1 = t4.c9; where t1.c1 = t2.c1;

Table 4-32 Error Message 6017

ERROR 6018	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	syntax error or it's reserved word
Argument	reserved word
Description	This error is returned when a reserved word is used to name a database object.
Example	1. create group PUBLIC;

Table 4-33 Error Message 6018

ERROR 6019	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	cannot use constant in group by list
Argument	None
Description	You cannot use a constant for grouping when using GROUP BY in a select statement.
Example	select sum(c1) from t1 group by 1;

Table 4-34 Error Message 6019

ERROR 6020	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	length of the host variable or indicator name exceeds maximum length .
Argument	None
Description	select c1 from t1.
Where	hv123456890123456789012345678901 :ind12345689012345678901 2345678901

Table 4-35 Error Message 6020

4.13 Error Messages 6101-6199

ERROR 6101	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	allocated too many command handles
Argument	we can allocate max command handle number
Description	This error is returned when the number of calls to SQLAllocHandle (SQL_HANDLE_STMT), exceed the maximum number of command handles per connection.

Table 4-36 Error Message 6101

ERROR 6103	
ODBC Return Code	SQL_ERROR
ODBC SQL State	3C000
Error Message	duplicate cursor name
Argument	None
Description	This error is returned when a cursor name has been defined with a duplicate SQLSetCursorName().

Table 4-37 Error Message 6103

ERROR 6105	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	limitation or not supported yet
Argument	None
Description	This error is returned because of an SQL limitation or a feature that is not supported by DBMaker.
Example	Example 1:Distinct expression in aggregate function select c1, sum(distinct c2+100) from t1 group by c1; Example 2:Host variable create table or create domain Ed2 int default ?;

Table 4-38 Error Message 6105

ERROR 6107	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	integrity constraint violation (cannot insert NULL value on NON-NULL column)
Argument	None
Description	This error is returned when a user attempts to insert a NULL value on a NON-NULL column.
Example	create table t1 (c1 int not null); insert into t1 values (null);

Table 4-39 Error Message 6107

ERROR 6109	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	union column number does not match
Argument	column number of two union table
Description	This error is returned when the column numbers of two union tables are different.
Example	Two union tables; one with 3 columns, one with 2 columns

Table 4-40 Error Message 6109

ERROR 6110	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of aggregate function exceeds maximum
Argument	max number of aggregate
Description	This error is returned when the number of aggregation functions exceeds the maximum aggregate function in a query.
Example	select max(c1), sum(c1), from t1 group by c2;

Table 4-41 Error Message 6110

ERROR 6111	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use aggregate function in where predicate
Argument	None
Description	This error is returned when a user attempts to use an aggregate function in a where predicate.
Example	select * from t1 where sum(c1) > 200;

Table 4-42 Error Message 6111

ERROR 6112	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid projection in subquery
Argument	None
Description	This error is returned when the number of projection columns in a subquery is greater than one.
Example	<pre>select * from t1 where c1 = (select c1,c2 from t2);</pre>

Table 4-43 Error Message 6112

ERROR 6113	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use outer reference column in aggregate
Argument	None
Description	This error is returned when a user attempts to use the outer reference column in an aggregate function.
Example	<pre>Select c1 from t1 where c1 = (select max(t1.c1) from t2);</pre> The aggregate max() references the outer table's column t1.c1.

Table 4-44 Error Message 6113

ERROR 6114	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	select into view not supported
Argument	None
Description	This error is returned when a user attempts to select into a view.
Example	create view v1 as select * from t1; select * from t2 into v1;

Table 4-45 Error Message 6114

ERROR 6115	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid fill factor for index or table
Argument	fill factor range is 50 ~ 100
Description	This error is returned when a user attempts to create or alter a table with the wrong fill factor value.
Example	create table t1 (c1 int) fillfactor 30; alter table t1 set fillfactor 30;

Table 4-46 Error Message 6115

ERROR 6116	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use host variable when creating view
Argument	None
Description	This error is returned when a user attempts to use a host variable when creating a view.
Example	create view v1 as select * from t1 where c1 = ?;

Table 4-47 Error Message 6116

ERROR 6117	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use OID as column name when creating view/table
Argument	None
Description	This error is returned when a user tries to use OID as a name when creating a table or view. OID is a reserved word and cannot be used as a name for a table or view.
Example	Example 1: create view v1 (oid , c2) as select c1, c2 from t1; Example 2: create table t1 (c1 int, oid int); Example 3: select oid from t1 into tmp1; tmp1 is a non-existent temporary table

Table 4-48 Error Message 6117

ERROR 6118	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of referenced table exceeds maximum value
Argument	max table referenced number
Description	This error is returned when the total number of referenced tables in a query exceeds the maximum value.
Example	select * from t1,t2, ... tn; where n > maximum value select * from v1,v2, ... vn; where n < maximum value, However the total number of table referenced in the view exceeds maximum value.

Table 4-49 Error Message 6118

ERROR 6119	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	ambiguous table name
Argument	ambiguous table name
Description	This error is returned when there is a duplicate table name defined in the query without defining the correlation name.
Example	select * from t1, t1 where t1.c1 = t1.c1; The query should be written as follows: select * from t1 a, t1 b where a.c1 = b.c1;

Table 4-50 Error Message 6119

ERROR 6120	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	ambiguous column name
Argument	ambiguous column name
Description	This error is returned when there is a duplicate column name in a joined table.
Example	create table t1 (c1 int, c2 int); create table t2 (c1 int, c3 int); select * from t1,t2 where c1 = c3; Both table t1 and t2 have a column named c1, the user needs to specify the table name.
Solution	select * from t1,t2 where t1.c1 = c3;

Table 4-51 Error Message 6120

ERROR 6121	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of outer reference columns exceeds maximum value
Argument	max outer reference column number
Description	This error is returned when the number of outer reference columns in a query exceeds the maximum value.
Example	Select * from t1 where exists (select c1 from t2 where t1.c1 = t2.c1 and t1.c2 = t2.c1 and ... t1.nn = t2.nn; where nn > maximum outer reference column number

Table 4-52 Error Message 6121

ERROR 6122	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tried to insert or update more than one value in the same column
Argument	the operated column name
Description	This error is returned when a user attempts to insert or update a column with more than one value.
Example	Example 1: insert into t1(c1, c1, c2) values (1, 2, 3); Example 2: update t1 set c1 = 1, c1 = 2;

Table 4-53 Error Message 6122

ERROR 6123	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unexpected column in predicate of aggregate distinct
Argument	None
Description	This error is returned when there is an unexpected column in the predicate of the aggregate distinct.
Example	Select c1,Sum(distinct c2,c5>'aaa') from t1 group by c1; In the Aggregate Distinct, a predicate can only contain distinct columns.

Table 4-54 Error Message 6123

ERROR 6125	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S01
Error Message	number of source columns greater than number of columns in target table
Argument	None
Description	This error is returned when the number of columns specified in the source query is greater than the number of columns in the target table.
Example	Select c1, c2 from t1 into t2; (t2 just has one column); Insert into t2(c1) select c1, c2 from t1;

Table 4-55 Error Message 6125

ERROR 6126	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S01
Error Message	number of source columns less than number of columns in target table
Argument	None
Description	This error is returned when the number of columns specified in the source query is less than the number of columns in the target table.
Example	(tt2 table does not exist) Select c1, c2 from t1 into tt2 (c1, c2, c3);

Table 4-56 Error Message 6126

ERROR 6127	
ODBC Return Code	SQL_ERROR
ODBC SQL STATE	21S01
Error Message	insert value list does not match specified column list
Argument	None
Description	This error is returned when the insert value list does not match the specified column list.
Example	insert into t1 (c1, c2) values(1, 2, 3);

Table 4-57 Error Message 6127

ERROR 6128	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S01
Error Message	number of values to insert exceeds number of columns in the table
Argument	column number of table definition
Description	This error is returned when the number of columns inserted on a table exceeds the number of columns on the table.
Example	create table t1 (c1 int, c2 int); insert into t1 values(1, 2, 3);

Table 4-58 Error Message 6128

ERROR 6129	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S02
Error Message	number of columns of view does not match the number of projection columns
Argument	None
Description	This error is returned when the number of columns for a view does not match the number of projection columns.
Example	create view v1 (e1) as select c1,c2 from t1;

Table 4-59 Error Message 6129

ERROR 6130	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid operation in expression
Argument	None
Description	This error is returned when the data type used is invalid for the operation.
Example	c1, c2 is integer type; select c1 c2 from t1;

Table 4-60 Error Message 6130

ERROR 6131	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot to drop SYSTEM tables
Argument	None
Description	This error is returned when a user attempts to drop the system table.
Example	drop table SYSTEM.SYSTABLE.

Table 4-61 Error Message 6131

ERROR 6132	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot to drop index on system table
Argument	None
Description	This error is returned when a user attempts to drop an index from the system table.
Example	drop index systemidx from SYSTEM.SYSTABLE;

Table 4-62 Error Message 6132

ERROR 6133	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot to create index on system table
Argument	None
Description	This error is returned when a user attempts to create an index on a system table.
Example	create index systemidx on SYSTEM.SYSTABLE (INDEX_NAME);

Table 4-63 Error Message 6133

ERROR 6134	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user can only create his own
Argument	object name, i.e. table, synonym or domain, etc.
Description	This error is returned when a user, without DBA privileges, attempts to create an object for another user.
Example	User u1 with resource privileges attempts the following; create table u2.t1 (c1 int);

Table 4-64 Error Message 6134

ERROR 6135	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid OID expression
Argument	None
Description	This error is returned when there is an invalid OID operation in an expression.
Example	select * from t1 where oid in (select oid from t1);

Table 4-65 Error Message 6135

ERROR 6137	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	record size is too big to store
Argument	None
Description	This error is returned when the total data size of the projection columns is greater than 4k.
Example	c1 is 3000 byte chars; select c1,c1 from t1;

Table 4-66 Error Message 6137

ERROR 6138	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	too many save points to be used
Argument	None
Description	This error is returned when a user defines too many savepoints using savepoint syntax.

Table 4-67 Error Message 6138

ERROR 6139	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	referenced an undefined save point
Argument	None
Description	This error is returned when a user attempts to rollback to or remove an undefined save point name.

Table 4-68 Error Message 6139

ERROR 6140	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot redefine save point
Argument	None
Description	This error is returned when a user attempts to redefine a savepoint name by using savepoint syntax.

Table 4-69 Error Message 6140

ERROR 6141	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot fetch OID in distinct/aggregate/sort/join query
Argument	None
Description	This error is returned when a user attempts to use an OID predicate to fetch data from a distinct/aggregate/sort/join query.
Example	select * from t1 where oid = ? order by 1;

Table 4-70 Error Message 6141

ERROR 6142	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S22
Error Message	invalid fully qualified column name
Argument	column name of the invalid full qualified column
Description	This error is returned when a user calls a full qualified column name that does not exist.
Example	t1 does not have column cc1. select SYSADM.t1.cc1 from t1;

Table 4-71 Error Message 6142

ERROR 6143	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S22
Error Message	invalid column name
Argument	column name of the invalid qualified column
Description	This error is returned when a user specifies a column in a table that does not exist.
Example	t1 does not have column cc1. select t1.cc1 from t1;

Table 4-72 Error Message 6143

ERROR 6144	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate column found in GROUP BY column list
Argument	None
Description	This error is returned when a duplicate column is found in a GROUP BY column list.
Example	select c1, sum(c2) from t1 group by c1, c1;

Table 4-73 Error Message 6144

ERROR 6145	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	non-aggregate column must be in the GROUP BY list
Argument	None
Description	This error is returned when a non-aggregate column is not in the GROUP BY list.
Example	c3 cannot appear in the projection list. select c1, c3, sum(c2) from t1 group by c1;

Table 4-74 Error Message 6145

ERROR 6146	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	only GROUP BY column can be used as outer reference column in group-by query
Argument	None
Description	This error is returned when a column, other than a GROUP BY column, is used as a reference in a group-by query.
Example	t1.c3 cannot be an outer reference column for the subquery. select c1, sum(c2) from t1 group by c1 having c1 > (select c2 from t2 where t2.c1 > t1.c3);

Table 4-75 Error Message 6146

ERROR 6147	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	non-aggregate column which is not in the GROUP BY list cannot appear in having predicate
Argument	None
Description	This error is returned when a non-aggregate column, which is not in the GROUP BY list, appears in a having predicate.
Example	c3 cannot appear in the projection list. select c1, sum(c2) from t1 group by c1 having c3 > 100;

Table 4-76 Error Message 6147

ERROR 6148	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user specify OID value is invalid
Argument	None
Description	This error is returned when a user specifies the wrong OID value in a query.
Example	select * from t1 where oid = '001234'x;

Table 4-77 Error Message 6148

ERROR 6149	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	for Mapping use the connection does not exist
Argument	None
Description	This error is returned when a session, does not exist, was killed by another user or a user attempts to kill a session that does not exist.

Table 4-78 Error Message 6149

ERROR 6150	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22018
Error Message	the insert/update value type is incompatible with column data type or compare/operand value is incompatible with column data type in expression/predicate
Argument	None
Description	None
Example	Example 1: c1 data type incompatible with int. update set c1=100 ...; Example 2: c1 data type incompatible with int. insert into ...(100); Example 3: expression, predicate: c1 > 100, c1+100, 100 > 'aaa';

Table 4-79 Error Message 6150

ERROR 6151	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	projection list does not include the ORDER BY number
Argument	invalid ORDER BY number
Description	This error is returned when the ORDER BY number is not in the projection list. The ORDER BY number must be less or equal to the number of projects listed.
Example	ORDER BY number must be 1 or 2 select c1, c2 from t1 order by 3;

Table 4-80 Error Message 6151

ERROR 6152	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	a nested aggregate is not allowed
Argument	None
Description	This error is returned when a user attempts to use a nested aggregate.
Example	Example 1: select sum(c1, sum(c2) > 20) from t1; Example 2: select sum(sum(c1)) from t1.

Table 4-81 Error Message 6152

ERROR 6153	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of ORDER BY columns exceeds maximum value
Argument	maximum number of ORDER BY columns
Description	This error is returned when the number of ORDER BY columns exceeds the maximum value.
Example	select * from t1 order by c1, c2, ..., n; (where n > maximum value).

Table 4-82 Error Message 6153

ERROR 6154	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate column found in ORDER BY column list
Argument	duplicate column name
Description	This error is returned when a duplicate column is found in the ORDER BY column list.
Example	select * from t1 order by c1,c1;

Table 4-83 Error Message 6154

ERROR 6157	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of predicates exceeds maximum
Argument	None
Description	This error is returned when the number of factors in the predicate exceeds the maximum value: 255.

Table 4-84 Error Message 6157

ERROR 6158	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter system table (drop/create primary key ...)
Argument	None
Description	This error is returned when a user attempts to create or drop a primary key on a system table.
Example	alter SYSTEM.SYSTABLE drop primary key;

Table 4-85 Error Message 6158

ERROR 6159	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	NULL or DEFAULT should not be specified in IN/ANY/ALL query
Argument	None
Description	This error is returned when a user specifies a NULL or DEFAULT value in an IN/ANY/ALL query.
Example	Select * from tb1 where tb1.c1 in (1,2,null); select * from tb1_d1 where c1 = any(NULL); select * from tb1_d1 where c1 = all(NULL);

Table 4-86 Error Message 6159

ERROR 6161	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this operation is not allowed on a view
Argument	None
Description	This error is returned when a user attempts an invalid operation on a view.
Example	Example 1: Cannot use drop table syntax to drop a view Example 2: Cannot create index on a view Example 3: Cannot create signature on a view Example 4: Cannot alter on a view Example 5: Cannot lock on a view

Table 4-87 Error Message 6161

ERROR 6164	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	subquery predicate in trigger/replication/outer-join statement not supported
Argument	None
Description	This error is returned when a user attempts to use a subquery predicate in a trigger/replication/outer-join statement.
Example	select * from t1 left outer join t2 on t1.c1=t2.c2 and t2.c1 = (select t1.c1 from t1 where t1.c1=2);

Table 4-88 Error Message 6164

ERROR 6166	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update column using aggregate value
Argument	None
Description	This error is returned when a user attempts to update a column using an aggregate value.
Example	update t1 set c1 = max(c2);

Table 4-89 Error Message 6166

ERROR 6167	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of parameters exceeds maximum value
Argument	maximum parameter (MAX_PARM_NUM)
Description	This error is returned when a user attempts to use too many parameters in an operation.
Example	select c1+?+?+...+? from t1;

Table 4-90 Error Message 6167

ERROR 6168	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Invalid escape string. The escape string cannot contain more than one character
Argument	None
Description	This error is returned when a user attempts to use more than one character in an escape operation.
Example	select * from t1 where c1 like 'a%' escape 'aa'

Table 4-91 Error Message 6168

ERROR 6169	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot do sort on a non-ordered data type
Argument	None
Description	This error is returned when a user attempts to sort a non-ordered data type.
Example	Example 1: c1 is BLOB type select c1 from t1 ORDER BY c1; Example 2: c1 is BLOB type (select c1 from t1) union (select c1 from t1);

Table 4-92 Error Message 6169

ERROR 6170	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use BLOB data type with select into/insert into ... statement
Argument	None
Description	This error is returned when a user attempts to use a BLOB data type with select into/insert into statements.
Example	c1 is BLOB type: select c1 from t1 into t2;

Table 4-93 Error Message 6170

ERROR 6171	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid name; may be too long
Argument	None
Description	This error is returned when the user name is too long.

Table 4-94 Error Message 6171

ERROR 6172	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot select into a table which has already been referenced in the query
Argument	None
Description	This error is returned when a user attempts to select into a table, which has already been referenced.
Example	select * from t1 into t1

Table 4-95 Error Message 6172

ERROR 6173	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update in distinct/aggregate/join query
Argument	None
Description	This error is returned when a user attempts an update in a distinct/aggregate/join query.
Example	select distinct c1,c2 from t1 for update; select * from t1,t2 where t1.c1 = t2.c1 for update;

Table 4-96 Error Message 6173

ERROR 6174	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot do outer-join: no join-factor or join-factor in OR operand
Argument	None
Description	This error is returned when a user attempts an outer join in an OR operand.
Example	select * from t1 outer t2 where t1.c1 = t2.c1 or t1.c1 > 100

Table 4-97 Error Message 6174

ERROR 6175	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update/delete cursor on column which has not declared updateable
Argument	None
Description	This error is returned when a user attempts to update or delete a cursor on a column, when the column has not been declared as updateable.
Example	cur1: select c1,c2,c3 from t1; => did not have update clause; update t1 set c3=1000 where current of cur1;

Table 4-98 Error Message 6175

ERROR 6176	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot define a domain on serial data type
Argument	None
Description	This error is returned when a user attempts to define a domain on serial data.
Example	create domain d1 serial(2147483646);

Table 4-99 Error Message 6176

ERROR 6177	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot set savepoint when autocommit is on
Argument	None
Description	None

Table 4-100 Error Message 6177

ERROR 6178	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot reference OID column in view's definition
Argument	None
Description	This error is returned when a user attempts to reference an OID column in a view's definition.
Example	create view v1 as select oid from t1;

Table 4-101 Error Message 6178

ERROR 6179	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update BLOB column to/with other column
Argument	None
Description	This error is returned when a user attempts to update a BLOB column to/ with another column.
Example	create table tt1 (c1 char(10), c2 long varchar(10)); update tt1 set c1 = c2;

Table 4-102 Error Message 6179

ERROR 6180	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file name is too long
Argument	file name
Description	This error is returned when the file name syntax of the file object to be moved is too long.

Table 4-103 Error Message 6180

ERROR 6181	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file name should be a full path
Argument	file name
Description	This error is returned when the user did not use the full path name for a file.
Example	move file object "a.c" to "/disk2/".

Table 4-104 Error Message 6181

ERROR 6182	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	target file name cannot contain '*'
Argument	file name
Description	None

Table 4-105 Error Message 6182

ERROR 6183	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	target file name should be a directory and end with SLASH
Argument	file name
Description	This error is returned when a user attempts to move some data to another directory using invalid syntax. The syntax should end only with a backslash.
Example	move file object '/disk1/' to '/disk2/fo'

Table 4-106 Error Message 6183

ERROR 6184	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	source file name cannot contain more than one '*'
Argument	file name
Description	This error is returned when a user attempts to move some data to another directory using invalid syntax. The user has placed an extra "*" symbol in the syntax.
Example	move file object '/disk1/d*a*.c' to '/disk2/'

Table 4-107 Error Message 6184

ERROR 6185	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	source file name cannot contain slash after '*'
Argument	file name
Description	This error is returned when a user attempts to move some data to another directory using invalid syntax.
Example	move file object '/disk1/a*d/a.c' to '/disk2/'

Table 4-108 Error Message 6185

ERROR 6186	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	only users with DBA privilege can move a file object
Argument	None
Description	None

Table 4-109 Error Message 6186

ERROR 6187	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	system internal error, or file damaged
Argument	None
Description	for mapping SQLI rc from engine

Table 4-110 Error Message 6187

ERROR 6188	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use aggregate function in group by list
Argument	None
Description	This error is returned when a user attempts to use an aggregate function in a group list by.
Example	select c1 from t1 group by min(c1);

Table 4-111 Error Message 6188

ERROR 6189	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table has been altered when put data
Argument	None
Description	This error occurs when a user attempts to use the SQLPutData() command to insert data on a table, but the table has been altered by another process.

Table 4-112 Error Message 6189

ERROR 6194	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot allow old correlation name in statement trigger or row trigger of insert trigger event
Argument	None
Description	This error is returned when a user attempts to use an “old” correlation name in an insert event for a row or statement trigger.
Example	create trigger tr1 after insert on t1 for each row (insert into t2 values (old.c1, new.c2));

Table 4-113 Error Message 6194

ERROR 6195	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot allow a new correlation name in statement trigger or row trigger of delete trigger event
Argument	None
Description	This error is returned when a user attemps to use a “new” correlation name in a delete trigger event for a row or statement trigger.
Example	Example 1: create trigger tr1 before delete on t1 for each statement (insert into t3 values (old.c1, new.c2) Example 2: create trigger tr2 before delete on t1 for each row (insert into t2 values (old.c1, new.c2));

Table 4-114 Error Message 6195

ERROR 6196	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create trigger on temporary table or view
Argument	None
Description	This error is returned when a user attempts to create a trigger on a temporary table or view.
Example	v1 is a view create trigger tr1 before insert on v1 for each statement (insert into t2 values (100));

Table 4-115 Error Message 6196

ERROR 6197	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create trigger on system table
Argument	None
Description	This error is returned when a user attempts to create a trigger on a system table.
Example	create trigger tr1 before insert on SYSTEM.SYSTABLE for each statement (insert into t2 values (100));

Table 4-116 Error Message 6197

ERROR 6198	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	illegal column found in update of column list, already existed in other trigger
Argument	None
Description	This error is returned when a user attempts to use a column in a trigger that is being used by another trigger.
Example	create trigger tr1 after update of c1,c2 on t1 create trigger tr2 after update of c2,c3 on t1

Table 4-117 Error Message 6198

ERROR 6199	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create update-of-column trigger if update trigger exists or vice versa
Argument	None
Description	This error is returned when a user attempts to create an update-of-column trigger when an update trigger exists. This error is also returned when a user attempts to create an update trigger when an update-of-column trigger exists.
Example	create trigger tr1 after update on t1 create trigger tr2 after update of c1 on t1

Table 4-118 Error Message 6199

4.14 Error Messages 6201-6320

ERROR 6201	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cascade trigger exceed maximum level
Argument	maximum level of trigger
Description	This error is returned when a user sets more than 64 triggers to cascade from a single event.

Table 4-119 Error Message 6201

ERROR 6202	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	undefined correlation name
Argument	correlation name
Description	This error is returned when a user attempts to use an undefined correlation name in their statement.
Example	create trigger tr1 after update on t1 for each row when (pre.c1 > post.c1) Undefined correlation name pre and post, default correlation names are old and new.

Table 4-120 Error Message 6202

ERROR 6203	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate correlation name
Argument	None
Description	This error is returned when a user attempts to use a correlation twice in one expression.
Example	create trigger tr1 after update on t1 referencing old as post new as post

Table 4-121 Error Message 6203

ERROR 6207	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the number of remote connections exceeds the limitation
Argument	remote database, remote server (if any)
Description	This error is returned when the number of remote connections exceeds the licence limitation.

Table 4-122 Error Message 6207

ERROR 6208	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the global transaction level exceeds the limit
Argument	remote database , remote server (if any)
Description	This error is returned when the global transaction level has exceeded its limit.

Table 4-123 Error Message 6208

ERROR 6210	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unknown coordinator/database name
Argument	None
Description	This error is returned when a remote database name does not exist in the dmconfig.ini file.

Table 4-124 Error Message 6210

ERROR 6211	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	remote error occurred
Argument	remote database, remote server (if any)
Description	This error is returned when an error occurs at the remote database.

Table 4-125 Error Message 6211

ERROR 6212	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot close the specified link (maybe this link doesn't exist)
Argument	database link
Description	This error is returned when a user attempts to close a link that does not exist.

Table 4-126 Error Message 6212

ERROR 6213	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot close this link because transaction is still active
Argument	database link
Description	This error is returned when a user attempts to close a link, but there is a transaction that is still active.

Table 4-127 Error Message 6213

ERROR 6214	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create a link called 'all'
Argument	None
Description	This error is returned when a user attempts to create a link called "all".

Table 4-128 Error Message 6214

ERROR 6215	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	not permitted to drop all database links
Argument	None
Description	This error is returned when a user attempts to drop all database links.

Table 4-129 Error Message 6215

ERROR 6216	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot close database link all because transaction is still active
Argument	None
Description	This error is returned when a user attempts to close all database links but a transaction is still active.

Table 4-130 Error Message 6216

ERROR 6217	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create the specified link because some link with the same name is in active
Argument	database link
Description	None

Table 4-131 Error Message 6217

ERROR 6218	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	ddb mode is turned off
Argument	None
Description	This error is returned when either a user has not set DD_DDBMD=1 or when the licence does not authorize the DDB function. DD_DDBMD is in the dmconfig.ini file.
Solution	Set the DD_DDBMD=1 or upgrade the licence and then set the DD_DDBMD=1.

Table 4-132 Error Message 6218

ERROR 6219	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	project not found
Argument	None
Description	This error is returned when DBMaker is unable to find a project that a user wants to drop.
Example	drop project pj1;

Table 4-133 Error Message 6219

ERROR 6220	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	host variable is not allowed here
Argument	None
Description	This error is returned when a user attempts to use the host variable in the syntax.
Example	create trigger tr1 before insert on t1 for each statement (insert into t2 values (?,?));

Table 4-134 Error Message 6220

ERROR 6221	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	referencing clause is not allowed here
Argument	None
Description	This error is returned when a user attempts to use a trigger-referencing clause for each statement.
Example	create trigger tr1 before update on t1 referencing new as post old as pre for each statement (insert into t2 values (111,222,333,'aaaa'));

Table 4-135 Error Message 6221

ERROR 6222	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the module already link to another project, one module can only link to one project
Argument	None
Description	This error is returned when a user attempts to use a module name, for the ESQL/C program, linked with more than one project.
Example	<code>dmppcc -d xxx -u xxx -m module1 -j pj1 file1.c dmppcc -d xxx -u xxx -m module1 -j pj2 file2.c;</code>

Table 4-136 Error Message 6222

ERROR 6223	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid time interval
Argument	valid range
Description	None

Table 4-137 Error Message 6223

ERROR 6224	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid text bit length
Argument	valid range
Description	This error is returned when a user attempts to create a text index using an invalid text bit length.
Example	<code>create text index tidx1 on sigt1 (c1);</code> basic bit length 0;

Table 4-138 Error Message 6224

ERROR 6225	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid cluster width
Argument	valid range
Description	This error is returned when a user attempts to create a text index using an invalid cluster width.
Example	create text index tidx1 on sigt1 (c1); cluster width 0;

Table 4-139 Error Message 6225

ERROR 6226	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid text block size
Argument	valid range
Description	This error is returned when a user attempts to create a text index using an invalid text block size.
Example	create text index tidx1 on sigt1 (c1); text block size 0;

Table 4-140 Error Message 6226

ERROR 6227	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create text index on system table
Argument	None
Description	This error is returned when a user attempts to create a text index on a system table.
Example	create text index tidxs on SYSTEM.SYSTEXTINDEX (TABLE_OWNER);

Table 4-141 Error Message 6227

ERROR 6228	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	delete/update/insert view only allow on single table view, don't allow on distinct/aggregate/join/subquery/remote view
Argument	None
Description	This error is returned when a user attempts to delete/update/insert on a distinct/aggregate/join/subquery/remote view.
Example	create view v1 (e1,e2) as select distinct c1, c2 from t1; update v1 set e1 = 100;

Table 4-142 Error Message 6228

ERROR 6229	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot insert to a view with any column derived by expression or constant
Argument	None
Description	This error is returned when a user attempts to insert to a view that has a column derived from an expression or constant.
Example	create view v1 (e1, e2) as select c1+100, c2 from t1; insert into v1 values (100, 200);

Table 4-143 Error Message 6229

ERROR 6230	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column is derived by expression or constant therefore the view is not updateable
Argument	None
Description	This error is returned when a user attempts to update a view that has a column derived from an expression or constant.
Example	create view v1 (e1, e2) as select c1+100, c2 from t1; update v1 set e1 = 100;

Table 4-144 Error Message 6230

ERROR 6231	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	trigger execution error
Argument	trigger name (owner.name), triggering table (owner.tbname)
Description	This error is returned when a problem occurs while executing a trigger.

Table 4-145 Error Message 6231

ERROR 6232	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	value number of input value list do not match parameter number of executed stored command
Argument	None
Description	This error is returned when the value of the input value list does not match the parameter number of executed stored commands.
Example	create command cmd1 as insert into t1 values (?, 1, ?); execute command cmd1 (2)
Solution	create command cmd1 as insert into t1 values (?, 1, ?); execute command cmd1 (2, 3)

Table 4-146 Error Message 6201

ERROR 6233	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	parameter cannot be used in match operation as left operand
Argument	None
Description	This error is returned when a parameter is used in a match operation as the left operand.
Example	select * from t1 where ? matches 'aaa'.

Table 4-147 Error Message 6233

ERROR 6234	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	OLD value of BLOB cannot be referenced in delete/update AFTER row trigger
Argument	None
Description	This error is returned when a user attempts reference the old value of a BLOB after a row trigger.
Example	t1 (c1 long varchar), t2 (c1 long varchar) create trigger tr1 after delete (or update) on t1 for each row (insert into t2 values (old.c1).

Table 4-148 Error Message 6234

ERROR 6235	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot replicate a view
Argument	table name
Description	This error returned when user attempts to create a table replication on a view.

Table 4-149 Error Message 6235

ERROR 6236	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot replicate a temp table
Argument	table name
Description	This error is returned when a user attempts to create a table replication on a temporary table.

Table 4-150 Error Message 6236

ERROR 6237	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot replicate a system table
Argument	table name
Description	This error is returned when a user attempts to create a table replication on a system table.

Table 4-151 Error Message 6237

ERROR 6238	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot replicate a table which has no primary key
Argument	table name
Description	This error is returned when a user attempts to replicate a table, which has no primary key.

Table 4-152 Error Message 6238

ERROR 6239	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	project columns must contain primary keys when replicate a table
Argument	table name
Description	This error is returned when the replicated columns do not contain primary keys when replicating a table.

Table 4-153 Error Message 6239

ERROR 6240	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns to subscribe is not equal to the number of columns to publish
Argument	None
Description	This error is returned when a user tries to create a replication schedule and the number of columns in the subscriber table, do not equal the number of columns in the publisher table.
Example	create async replication rp1 with primary as t1(c1,c2); replicate to db1:t1 (c1,c2,c3);

Table 4-154 Error Message 6240

ERROR 6241	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	numbers of primary columns of base and destination tables are not equal
Argument	None
Description	This error is returned when the number of primary columns, in a base and destination table, is not equal.
Example	Base table's primary key has 3 columns: c1, c2, c3; destination table 4: col1, col2, col3, col4 (cannot form one-to-one Mapping, cannot create table replication between them).

Table 4-155 Error Message 6241

ERROR 6244	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	fragment cannot refer to another table in table replication
Argument	None
Description	This error is returned when a user attempts to create a partial replication of a table.
Example	Create async replication rp1 with primary as t1(c1,c2) where t2.c1>0; replicate to db1: t1 (c1,c2);

Table 4-156 Error Message 6244

ERROR 6245	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot allow synonyms to be based on remote objects
Argument	None
Description	This error is returned when a user attempts to create a replication on a synonym.

Table 4-157 Error Message 6245

ERROR 6246	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter table to drop all columns
Argument	dropped column no.
Description	This error is returned when a user attempts to alter a table by dropping all columns on the table.
Example	t1 (c1, c2); alter table t1 drop (c1, c2);

Table 4-158 Error Message 6246

ERROR 6247	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter table because the number of columns to be added is too high
Argument	added column no.
Description	This error is returned when a user attempts to add a number of columns that exceeds the maximum number allowed for a table.
Example	Table t1 (c1, c2, ... cn), n is the maximum column alter table; add cn1 int;

Table 4-159 Error Message 6247

ERROR 6248	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter table because foreign key or primary key exists on the columns
Argument	the column name on which foreign key or primary key is defined
Description	This error is returned when a user attempts to alter a table when a primary/foreign key exists on columns in the table.
Example	create table t1 (c1 int primary key, c2 int); create table t2 (c1 int, c2 references t1 (c1)); alter table t2 modify c2 type to float;

Table 4-160 Error Message 6248

ERROR 6249	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter table, the specified table has table constraint
Argument	None
Description	This error is returned when a user attempts to alter a table that has table constraints.
Example	create table altt1 (c1 int) check c1 > 100; alter table altt1 modify c1 name to c2;

Table 4-161 Error Message 6249

ERROR 6250	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	invalid host variable usage; ':host_variable_name' can only be used in ESQL program
Argument	None
Description	This error is returned when a user attempts to use "select c1 from t1 where c2 = :v2 into :v1" in a non-ESQL program.

Table 4-162 Error Message 6250

ERROR 6251	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter a system table, temporary table, or view
Argument	None
Description	This error is returned when a user attempts to alter a system table, temporary table or view.
Example	create temp table tt1 (c1 int); alter table tt1 add c1 int;

Table 4-163 Error Message 6251

ERROR 6252	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter a remote table or a synonym on remote table
Argument	None
Description	This error is returned when a user attempts to alter a remote table/synonym based on a remote table.
Example	create synonym syn1 for db1: tb1; alter table syn1 add c1 int;

Table 4-164 Error Message 6252

ERROR 6253	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use stored procedure with return value is trigger action
Argument	None
Description	This error is returned user attempts to use a stored procedure with a return value in a trigger action.
Example	Create trigger tr1 before update on t1 for each row (call sp1 (old.c1,2,3,4));

Table 4-165 Error Message 6253

ERROR 6254	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use database section like db host to create or start database
Argument	None
Description	This error is returned when a user attempts to create/start a database using a database section like db host.

Table 4-166 Error Message 6254

ERROR 6255	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the executable may be out of date, please rebuild it
Argument	None
Description	This error is returned when the ESQL program has been preprocessed after being linked into an executable.
Example	1) dmppcc; test1.ec; 2) link into an executable test1 3) run test1; 4) dmppcc ...test1.ec; 5) run test1. The user should recompile the test1.c and link into a new executable.

Table 4-167 Error Message 6255

ERROR 6256	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	GIVE SEQUENCE or GIVE SEQ is dedicated for adding or modifying a serial type column
Argument	None
Description	This error is returned when a user attempts to use the GIVE SEQUENCE or GIVE SEQ commands for anything other than adding or modifying a serial column.
Example	alter table altt1 modify c11 to c1 int give seq;

Table 4-168 Error Message 6256

ERROR 6257	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot modify a column's value to NULL or drop a column because a primary key is defined on it
Argument	the column name on which primary key is defined
Description	This error is returned when a user attempts to modify a column's value to NULL or drop a column and there is a primary key defined on the column.
Example	create table t1 (c1 int primary key, c2 int); alter table t1 modify c1 type to float;

Table 4-169 Error Message 6257

ERROR 6258	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find makefile for stored procedure creation
Argument	the default makefile name
Description	This error is returned when DBMaker cannot find a stored procedure makefile in the installed directory or SPDIR.

Table 4-170 Error Message 6258

ERROR 6259	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the column name has already existed on the table
Argument	the new column name
Description	This error is returned when a user attempts to modify a column name in a table to a name that already exists in the table.
Example	Alter table t1 modify c1 name to c2; (t1 already contains (c1, c2)).

Table 4-171 Error Message 6259

ERROR 6260	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the same attribute to be modified for a column is specified more than once
Argument	None
Description	This error is returned when a user attempts to modify the same attribute for a column more than once, at the same time.
Example	Alter table t1 modify (c1 type to char(10), c1 type to int);

Table 4-172 Error Message 6260

ERROR 6261	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column without correlation name is not allowed in WHEN condition of trigger
Argument	None
Description	This error is returned when a user attempts to create a WHEN condition for a trigger using a column without a correlation name.
Example	Create trigger tr1 before insert on SYSADM. t2 for each row when (c1>1) (insert into SYSADM.t3 values (100,200));

Table 4-173 Error Message 6261

ERROR 6262	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create a stored command on a synonym
Argument	None
Description	This error is returned when a user attempts to create a stored command on a synonym.
Example	create synonym syn1 for t1; create command cmd1 as select * from syn1;

Table 4-174 Error Message 6262

ERROR 6263	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create table on SYSTABLESPACE
Argument	None
Description	This error is returned when a user attempts to create a table on SYSTABLESPACE.
Example	create table t1 (c1 int) in SYSTABLESPACE;

Table 4-175 Error Message 6263

ERROR 6264	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot modify a column type to BLOB; an index exists on it
Argument	the column which type to be changed to BLOB
Description	This error is returned when a user attempts to alter a column data type to BLOB but an index exist on the column.
Example	create table t1 (c1 int, c2 char(10)); create index ix1 on t1 (c2); alter table t1 modify c2 type to long varchar;

Table 4-176 Error Message 6264

ERROR 6265	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot set this option because database is started in single-user mode or already in multi-user mode
Argument	None
Description	This error is returned when a user attempts to set this option when the database was started in single-user mode or is already in multi-user mode. The user should issue 'set dbmode single' in multi-user mode before setting this option.

Table 4-177 Error Message 6265

ERROR 6266	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use synonym or view in trigger action
Argument	None
Description	None

Table 4-178 Error Message 6266

ERROR 6267	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cascaded trigger actions form a cycle
Argument	None
Description	Create trigger tr1 after insert on t1 for each row (insert into t2 values (new.c1). Create trigger tr2 after insert on t2 for each row (insert into t1 values (new.c1).

Table 4-179 Error Message 6267

ERROR 6268	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	primary key of source table should map to primary key of destination tables
Argument	None
Description	This error is returned when the primary key of the source table is not mapped to the primary key of the destination table.
Example	t1 (c1 int, c2 int, c3 int) primary index (c1) t2 (c1 int, c2 int, c3 int); (primary index (c1) can not create a replication t1 (c1, c2) to t2 (c2, c1)).

Table 4-180 Error Message 6268

ERROR 6269	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate parameter name in stored procedure definition
Argument	the parameter name
Description	This error is returned when there are duplicate parameter names in a stored procedures definition.
Example	create procedure add_member(char(20) name, char(20) tel, char(20) tel).

Table 4-181 Error Message 6269

ERROR 6270	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unable to get procedure name from source file
Argument	None
Description	This error is returned when a user tries to use a stored procedure and DBMaker is unable to find the keyword 'create procedure' in the source file (.ec file).

Table 4-182 Error Message 6270

ERROR 6271	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	trigger to be fired is invalid because schema changed, please recreate it
Argument	trigger name
Description	None

Table 4-183 Error Message 6271

ERROR 6276	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	referential action fails because schema changed, please drop/recreate foreign key
Argument	None
Description	This is a special case error.
Example	Create table tt1 (c1 int primary key, c2 int); create table tt2 (c1 int, c2 int, foreign key (c1) references tt1 (c1) on update cascade on delete cascade); Alter table tt1 modify c1 name to k1; the user then attempts to "update tt1 set k1=111" (the error will be returned).

Table 4-184 Error Message 6276

ERROR 6277	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	more than one check option on table definition
Argument	None
Description	None

Table 4-185 Error Message 6277

ERROR 6278	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	more than one null option on column definition
Argument	None
Description	None

Table 4-186 Error Message 6278

ERROR 6279	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	more than one reference option on column definition
Argument	None
Description	None

Table 4-187 Error Message 6279

ERROR 6280	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	more than one primary key option on table definition
Argument	None
Description	None

Table 4-188 Error Message 6280

ERROR 6281	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	more than one default option on column definition
Argument	None
Description	None

Table 4-189 Error Message 6281

ERROR 6282	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specific C compiler
Argument	None
Description	None

Table 4-190 Error Message 6282

ERROR 6283	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid number of result rows in subquery
Argument	None
Description	This error is returned when there is an invalid number of result rows in a subquery.
Example	select * from t1 where c1 = (select c1 from t2); (t2 has more than one tuple).

Table 4-191 Error Message 6283

ERROR 6284	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	not support subquery in trigger when predicate
Argument	None
Description	This error is returned when a user attempts to use a subquery in a trigger that has a predicate.
Example	create trigger trig1 after insert on t1 for each row when (new c1 > (select c1 from t2 where t2, c1=2))

Table 4-192 Error Message 6284

ERROR 6285	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S02
Error Message	no column can be updated due to unbound, read-only, or SQL_COLUMN_IGNORE
Argument	None
Description	This error is returned when using extended fetch, a user tries to use SQLSetPos to update rowset data. If a user wants to ignore updates on some columns in one updated tuple, the user can set SQL_COLUMN_IGNORE into the corresponding column indicator buffer. If the user sets all the projection columns to SQL_COLUMN_IGNORE, the error will be returned.

Table 4-193 Error Message 6285

ERROR 6286	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot execute union command, column type do not match
Argument	nth column's type is not match
Description	This error is returned when a user attempts to perform a union command on two columns and the data types of the two columns do not match.
Example	t1.c3 is char, t2.c1 is int; user executes "select c3 from t1 union select c1 from t2".

Table 4-194 Error Message 6286

ERROR 6287	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error found in applying operation upon all rows of rowset
Argument	None
Description	This error is returned when a user attempts an operation (update, delete, or insert) on a rowset, and not one tuple of the rowset is successful in completing the operation.

Table 4-195 Error Message 6287

ERROR 6288	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	stored procedure directory in configuration file is invalid: should be a full path
Argument	DB_SPDIR path
Description	None

Table 4-196 Error Message 6288

ERROR 6289	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot setpos if a query has remote tables
Argument	None
Description	This error is returned when a user calls SQLSetPos to update the result set derived from a remote table.

Table 4-197 Error Message 6289

ERROR 6290	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot execute this operation when autocommit is off
Argument	None
Description	When AUTO-COMMIT is OFF, you performed a command (SHRINK DATAFILE, which must be in an AUTO-COMMIT-ON environment).
Solution	Set AUTO-COMMIT ON.

Table 4-198 Error Message 6290

ERROR 6292	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot compress system tablespace
Argument	None
Description	None

Table 4-199 Error Message 6292

ERROR 6293	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid outer reference in outer join
Argument	None
Description	None
Example	Select c1 from t1 Where (c1 = (select max(t2.c1) from t2 outer t3 b Where t2.c1 = c3.t1 and t2 = t1.c1))

Table 4-200 Error Message 6293

ERROR 6294	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use aggregate function in the select without from syntax
Argument	None
Description	Usage of the; select max(100); will cause this error to be returned.

Table 4-201 Error Message 6294

ERROR 6295	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop system stored procedures
Argument	None
Description	None

Table 4-202 Error Message 6295

ERROR 6296	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of stored procedure name is too long
Argument	None
Description	None

Table 4-203 Error Message 6296

ERROR 6297	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid argument parsing for stored procedure
Argument	None
Description	The argument(s) does/do not follow the rule(s) set for this stored procedure.
Solution	See the documentation on the stored procedure for correct usage.

Table 4-204 Error Message 6297

ERROR 6298	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column tags and table column names do not match
Argument	None
Description	The XML import column tags do not match the table column names being used.
Solution	Perform the XML import using the same names for the column tags and the table column names.

Table 4-205 Error Message 6298

ERROR 6299	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	for select distinct, order by column or expressions must appear in the projection list
Argument	the order by column name, empty if it is an expression
Description	The order by expressions projection list has not been included.
Solution	Add the order by expressions projection list in the select distinct function.
Example	Select distinct c1 from t1 order by c1+5;

Table 4-206 Error Message 6299

ERROR 6300	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	order by constant must be interger
Argument	None
Description	Only integers can be used in ORDER BY constant.
Example	Select * from t1 order ny 3.99;

Table 4-207 Error Message 6300

ERROR 6301	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use aggregate function in order by
Argument	None
Description	Only integers can be used in ORDER BY constant.
Example	Select * from t1 order by max(c1)+100;

Table 4-208 Error Message 6301

ERROR 6302	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use aggregate function in insert into
Argument	None
Description	insert into does not accept usage of the aggregate function.
Example	insert into t1 values (max(c1))

Table 4-209 Error Message 6302

ERROR 6303	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter other's table or owner name of tables, except DBA
Argument	None
Description	A person other than a DBA is attempting to alter a table or the owner name of a table that they are not the owner of and they do not have DBA privilege.
Example	A user must be either user u1 or have DBA privilege to perform this function; alter table u1.t1 rename to u1.t2;

Table 4-210 Error Message 6303

ERROR 6304	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter the table name, because the table associated some dependent objects
Argument	None
Description	A table name cannot be altered when it is associated with a dependent object like a View, Stored Command, Stored Procedure, Trigger, or Foreign Key.
Solution	Drop the associated dependent object(s), rename the table, and re-associate the dependent object(s).

Table 4-211 Error Message 6304

ERROR 6305	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	ambiguous constraint name
Argument	None
Description	Simultaneous usage of two different constraint names has been attempted.
Solution	Only one constraint name can be used at a time. The second user should wait until the first user is finished or use the same constraint name.

Table 4-212 Error Message 6305

ERROR 6306	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid media type or specify media type for a non-blob data type
Argument	None
Description	Attempt to create a domain with an invalid media type or create a domain with media type on a non-blob data type column
Examples	create domain logtype as clob media 'log'; create domain wordtype as char(10) media 'word';

Table 4-213 Error Message 6306

ERROR 6307	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S02
Error Message	number of columns of FROM sub-select does not match the number of projection columns
Argument	None
Description	None
Example	select * from (select c2,c1 from t1) as foo (c1,c2,c3);

Table 4-214 Error Message 6307

ERROR 6308	
ODBC Return Code	SQL_ERROR
ODBC SQL State	21S02
Error Message	invalid text index scale
Argument	valid range
Description	None
Example	create ivf text index tid1 on ivft1 (c1) scale 0;

Table 4-215 Error Message 6308

ERROR 6309	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The database cannot startup due to a UDF failure when creating the database
Argument	None
Description	A binding UDF error occurs when creating database (cannot find the UDF file or the file is corrupt).

Table 4-216 Error Message 6309

ERROR 6310	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The index name cannot be the same as the primary key name
Argument	None
Description	Alter index ix1 on pt1 rename to PrimaryKey.

Table 4-217 Error Message 6310

ERROR 6311	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The number of arguments do not match between SP creation and java method
Argument	None
Description	None

Table 4-218 Error Message 6311

ERROR 6312	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The jar file does not exist.
Argument	None
Description	None

Table 4-219 Error Message 6312

ERROR 6313	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The jar file is duplicate.
Argument	None
Description	None

Table 4-220 Error Message 6313

ERROR 6314	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The user is not owner of the jar file
Argument	None
Description	None

Table 4-221 Error Message 6314

ERROR 6315	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	fail to wake up JVM
Argument	None
Description	None

Table 4-222 Error Message 6315

ERROR 6316	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot find the class.
Argument	None
Description	None

Table 4-223 Error Message 6316

ERROR 6317	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot find the method.
Argument	None
Description	None

Table 4-224 Error Message 6317

ERROR 6318	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Don't support the data type for arguments of java method in java SP.
Argument	None
Description	None

Table 4-225 Error Message 6318

ERROR 6319	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	don't support the data type conversion between the SQL type and Java type.
Argument	None
Description	None

Table 4-226 Error Message 6319

ERROR 6320	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot use host variable when creating index.
Argument	None
Description	Cannot use host variable when creating index.
Example	create index idx1 on t1 (c1+?)

Table 4-227 Error Message 6320

4.15 Error Messages 6501-6599

ERROR 6501	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create primary key on NULLABLE column
Argument	the nullable column name
Description	This error is returned when a user attempts to create a primary key on a NULLABLE column.

Table 4-228 Error Message 6501

ERROR 6502	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create foreign key that the parent table has no primary key
Argument	None
Description	This error is returned when a user attempts to create a foreign key on a table that has no primary key.
Example	Alter table tb2, foreign key fk1 (c1,c2), references tb1; ==> When creating the foreign key the user didn't specify the corresponding referenced unique index. The DBMS will try to find the primary key of the referenced table but will be unable to find any primary key.

Table 4-229 Error Message 6502

ERROR 6503	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find any unique index on the user specified referenced columns
Argument	None
Description	This error is returned when DBMaker cannot find a unique index on user specified reference columns.
Example	Alter table tb2, foreign key fk1 (c1,c2), references tb1 (c1,c2); ==> There is no index on the referenced column (c1,c2) of tb1 or the index is not a unique index.

Table 4-230 Error Message 6503

ERROR 6504	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user drop primary key on a normal index
Argument	None
Description	This is a special case error.
Example	User creates an index PrimaryKey on tb1 (c1,c2); alter table tb1 drop primary key; ==> DBMaker's default primary key name is "PrimaryKey" (unless users specify the name using "constraint" phrase when creating table), but a user can still create a normal index called "PrimaryKey". This error is returned when a user drops the primary key on a table, which happens to have an index called "PrimaryKey".

Table 4-231 Error Message 6504

ERROR 6505	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use drop index to drop a primary key
Argument	None
Description	This error is returned when a user tries to drop a primary key by dropping the index it is referenced to.
Example	Alter table tb1 primary key (c1,c2); drop index PrimaryKey from tb1; ==> PrimaryKey is default name for primary key unless the user specifies the key name when table is created. Users are not allowed to drop primary keys using this internal name.

Table 4-232 Error Message 6505

ERROR 6506	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	primary key does not exist
Argument	None
Description	This error is returned when a user attempts to drop a primary key that does not exist.
Example	Alter table tb1, drop primary key; (no primary key exists).

Table 4-233 Error Message 6506

ERROR 6507	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specified foreign key
Argument	None
Description	This error is returned when a foreign key, specified by a user, does not exist.
Example	Alter table tb1, drop foreign key fk1; (no such foreign key exists).

Table 4-234 Error Message 6507

ERROR 6508	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create primary key or foreign key on a temp table
Argument	None
Description	This error is returned when a user tries to create a primary/foreign key on a temporary table.

Table 4-235 Error Message 6508

ERROR 6509	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of column of primary key and foreign key not equal
Argument	None
Description	This error is returned when the number of columns contained in the primary and foreign columns is not equal.
Example	alter table tb2 foreign key fk1 (c1,c2); references tb1 (c1)

Table 4-236 Error Message 6509

ERROR 6510	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	data type of primary key and foreign key not equal
Argument	None
Description	This error is returned when the data type(s) of the referenced column(s) and the referencing column(s) do not match.

Table 4-237 Error Message 6510

ERROR 6511	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	primary key already exists
Argument	None
Description	This error is returned when a user tries to create a primary key on a table and a primary key already exists on the table. Only one primary key is allowed for each table.

Table 4-238 Error Message 6511

ERROR 6512	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	foreign key already exists
Argument	None
Description	This error is returned when a user attempts to create a foreign key and another foreign key by that name already exists in the table.

Table 4-239 Error Message 6512

ERROR 6513	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	number of columns in index exceeds maximum value
Argument	max number of index columns: DB_MAXBTCOL
Description	This error is returned when a user tries to create an index containing 17 columns.
Example	Create index idx1 on t1 (c1, c2, ..., c17); (Max number of columns is 16).

Table 4-240 Error Message 6513

ERROR 6514	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create an index because column position in the table definition exceeds the maximum value
Argument	index column number max value: DB_MAXBTCID
Description	This error is returned because storage for the number denoting column position in the target is limited.
Example	Table t1 has 128 columns c1, c2,..., c127, c128 and a user tries to create an index idx1 on t1 (c1, c128); If the maximum number of columns which can be stored in the index is 127, this command will fail.

Table 4-241 Error Message 6514

ERROR 6515	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter a NOT NULL column (add or modify) on a non-empty table without specifying give value
Argument	None
Description	This error is returned when a user wants to change to nullable column to NOT NULL on a non-empty table. The user must specify a value to replace the null value.

Table 4-242 Error Message 6515

ERROR 6516	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot alter temporary table
Argument	None
Description	This error is returned when a user attempts to alter a temporary table.

Table 4-243 Error Message 6516

ERROR 6517	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tablespace already exists
Argument	None
Description	This error is returned when a user attempts to create a tablespace when a tablespace using that name already exists.

Table 4-244 Error Message 6517

ERROR 6518	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specified tablespace
Argument	None
Description	This error is returned when a tablespace by that name does not exist.

Table 4-245 Error Message 6518

ERROR 6519	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	file already exists
Argument	file name of the duplicate file
Description	This error is returned when a user tries to add a file to a tablespace but another file by that name already exists in the tablespace.

Table 4-246 Error Message 6519

ERROR 6520	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S01
Error Message	base table or view already exists
Argument	None
Description	This error is returned when a user attempts to create a table or view and that table or view already exists.

Table 4-247 Error Message 6520

ERROR 6521	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S02
Error Message	table or view does not exist
Argument	invalid table name
Description	This error is returned when a table or view does not exist.

Table 4-248 Error Message 6521

ERROR 6522	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicated column specified when creating index
Argument	column name of the duplicate column
Description	This error is returned when a column is duplicated while creating an index.
Example	create index idx1 on tb1 (c1,c2,c1).

Table 4-249 Error Message 6522

ERROR 6523	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S22
Error Message	invalid column name
Argument	column name of the invalid column
Description	This error is returned when a user attempts to call on a column, in a table, that does not exist.
Example	Select cc1 from t1 (t1 does not have a column called cc1).

Table 4-250 Error Message 6523

ERROR 6524	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S11
Error Message	index already exists
Argument	None
Description	This error is returned when a user tries to create an index that is the same as an index that already exists.

Table 4-251 Error Message 6524

ERROR 6525	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S12
Error Message	index not found
Argument	None
Description	This error is returned when DBMaker cannot find an index.

Table 4-252 Error Message 6525

ERROR 6526	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S21
Error Message	duplicate column specified when creating/altering table
Argument	column name of the duplicate column
Description	This error is returned when a user creates duplicate columns on a table when creating/altering a table.
Example	create table (c1 int, c2 int, c1 char(5));

Table 4-253 Error Message 6526

ERROR 6527	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	total length of all columns exceeds maximum length
Argument	maximum tuple length
Description	This error is returned when a user tries to create a table in which the sum of the sizes of all the columns in a tuple exceeds the maximum tuple length.

Table 4-254 Error Message 6527

ERROR 6528	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	length of column is zero
Argument	None
Description	This error is returned when a user tries to set the length of a column at zero. A column of zero length is not allowed.
Example	create table t1 (c1 char(0), c2 char(0));

Table 4-255 Error Message 6528

ERROR 6529	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	specified precision in column definition is out of range
Argument	valid precision range
Description	This error is returned when a user attempts to create a table, which contains a decimal type column. The precision specified for that decimal column exceeds the maximum allowable precision.

Table 4-256 Error Message 6529

ERROR 6530	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	in column definition, specified precision is less than scale
Argument	None
Description	This error is returned when a user sets the precision on a column definition, less than the scale. The precision must be greater than or equal to the scale.
Example	create table t1 (c1 decimal(15, 17));

Table 4-257 Error Message 6516

ERROR 6531	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	in column definition, specified scale is less than zero
Argument	None
Description	This error is returned when a user sets the column definition scale to a value less than zero. The scale must be positive or zero.
Example	create table t1 (c1 decimal(15, -1));

Table 4-258 Error Message 6531

ERROR 6532	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create index on large object column
Argument	BLOB column name
Description	Cannot create indexes on large object columns (such as long varbinary, long varchar, and so on)

Table 4-259 Error Message 6532

ERROR 6533	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column number exceeds maximum value
Argument	maximum column (DB_MAXCOL)
Description	This error is returned when a user assigns too many columns when creating/altering a table.

Table 4-260 Error Message 6533

ERROR 6534	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	wrong function name: old version, function has been dropped or library file name has been changed
Argument	None
Description	This error is returned when a user attempts to call a function, and the function cannot be found.

Table 4-261 Error Message 6534

ERROR 6535	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the functions library file
Argument	None
Description	This error is returned when DBMaker can not find the function library file.

Table 4-262 Error Message 6535

ERROR 6536	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	function Arguments do not match definition
Argument	None
Description	This error is returned when the function Arguments do not match the definition.

Table 4-263 Error Message 6536

ERROR 6537	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	function return value do not match definition
Argument	None
Description	This error is returned when the function return value does not match the definition.

Table 4-264 Error Message 6537

ERROR 6539	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this view exists but it is invalid
Argument	None
Description	This error is returned when although a view exists in a remote table, it is not valid.

Table 4-265 Error Message 6539

ERROR 6541	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate domain
Argument	None
Description	This error is returned when a user tries to create a domain that already exists.

Table 4-266 Error Message 6541

ERROR 6542	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	domain name cannot be an existing data type
Argument	None
Description	This error is returned when a user attempts to use the name of an existing data type as the name for a domain.

Table 4-267 Error Message 6542

ERROR 6543	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	nested domain are not supported
Argument	None
Description	This error is returned when a user attempts to build (nest) one domain in another.

Table 4-268 Error Message 6543

ERROR 6544	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	default value's ASCII form is too long
Argument	None
Description	This error is returned when the ASCII form of a default value is too long.

Table 4-269 Error Message 6544

ERROR 6545	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop a non-existent domain
Argument	None
Description	This error is returned when a user attempts to drop a domain that does not exist.

Table 4-270 Error Message 6545

ERROR 6546	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop a domain which is being referenced by a column
Argument	None
Description	This error is returned when a user attempts to drop a domain, which is referenced by a column.

Table 4-271 Error Message 6546

ERROR 6547	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	more than one SERIAL column is not allowed
Argument	None
Description	This error is returned when a user attempts to have more than one SERIAL type data column in a table.

Table 4-272 Error Message 6547

ERROR 6548	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot accept Arguments when function is used as insert or DEFAULT value
Argument	None
Description	A function with an argument cannot be used in a default clause or as an insert value.

Table 4-273 Error Message 6548

ERROR 6549	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create synonym on temporary table
Argument	None
Description	This error is returned when a user attempts to create a synonym on a temporary table.

Table 4-274 Error Message 6549

ERROR 6550	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create view on synonym
Argument	None
Description	This error is returned when a user attempts to create a view on a synonym.

Table 4-275 Error Message 6550

ERROR 6551	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid data type when creating or altering table/domain
Argument	invalid type string
Description	This error is returned when a user attempts to use an invalid data type when creating or altering a table/domain.
Example	create table t1 (c1 inttt);

Table 4-276 Error Message 6551

ERROR 6552	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot define or alter NULL/NOT-NULL in SERIAL type column
Argument	None
Description	This error is returned when a user attempts to define a NULL/NOT-NULL value in a SERIAL column.
Example	Create table t1(c1 serial null); create table t1(c1 serial not null);

Table 4-277 Error Message 6552

ERROR 6553	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot define default value in SERIAL type column
Argument	None
Description	This error is returned when a user attempts to define a default value for a SERIAL column.
Example	Create table t1(c1 serial default 555);

Table 4-278 Error Message 6553

ERROR 6554	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot define default value on FILE column
Argument	None
Description	This error is returned when a user attempts to define a default value on a FILE column.
Example	Create table t1(c1 file default '/tmp.txt');

Table 4-279 Error Message 6554

ERROR 6555	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use host variable in constraint
Argument	None
Description	This error is returned when a user attempts to have a parameter in a constraint statement.
Example	create domain d1 int check value + ? > 12; create table t1 (c1 int check value + ? > 12); create table t1 (c1 int) check c1 + ? > 12;

Table 4-280 Error Message 6555

ERROR 6556	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use aggregate function in constraint
Argument	None
Description	This error is returned when a user attempts to use an aggregate function in a constraint.
Example	create domain d1 int check sum(value) > 12; create table t1 (c1 int check sum(value) > 12); create table t1 (c1 int) check sum(value) > 12;

Table 4-281 Error Message 6556

ERROR 6557	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specified synonym
Argument	None
Description	This error is returned when DBMaker cannot find a specified synonym.

Table 4-282 Error Message 6557

ERROR 6558	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	synonym already exists
Argument	None
Description	This error is returned when a user attempts to create a synonym that already exists.

Table 4-283 Error Message 6558

ERROR 6559	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create view on temporary table
Argument	None
Description	This error is returned when a user attempts to create a view on a temporary table.

Table 4-284 Error Message 6559

ERROR 6560	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specified file
Argument	None
Description	This error is returned when DBMaker cannot find a specified file in a tablespace.

Table 4-285 Error Message 6560

ERROR 6561	
ODBC Return Code	SQL_ERROR
ODBC SQL State	s1000
Error Message	cannot update NULL value on SERIAL column
Argument	None
Description	This error is returned when a user attempts to set a NULL value on a SERIAL column.
Example	create table t1(c1 serial(1)); update t1 set c1=null where c1=1;

Table 4-286 Error Message 6561

ERROR 6562	
ODBC Return Code	SQL_ERROR
ODBC SQL State	s1000
Error Message	no data file specified when creating tablespace
Argument	None
Description	This error is returned when no data file has been specified when creating tablespace.

Table 4-287 Error Message 6562

ERROR 6563	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot define CHECK constraint on SERIAL column
Argument	None
Description	This error is returned when a user attempts to define a CHECK constraint on a SERIAL column.
Example	create table t1(c1 serial check value > 5).

Table 4-288 Error Message 6563

ERROR 6564	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	NULL value in new column violate column constraint
Argument	None
Description	Try to impose a column constraint when adding a new column to a non-empty table using alter table SQL statement but the constraint will cause conflict when column is added.
Example	Alter table t1 add col int check value > 0 (t1 is not empty); This command will fail since when the column is added, the initial value is set to null.

Table 4-289 Error Message 6564

ERROR 6565	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	FILE objects in temporary table are not allowed
Argument	None
Description	This error is returned when a user attempts to place a file object in a temporary table.
Example	create temp table t1 (c1 file).

Table 4-290 Error Message 6565

ERROR 6566	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the length specified for the domain is invalid
Argument	None
Description	This error is returned when a user attempts to create a domain using an invalid specified length.
Example	Create domain d1 as char(3993). For char data type max length is 3992.

Table 4-291 Error Message 6566

ERROR 6567	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create built-in function
Argument	None
Description	This error is returned when a user attempts to create a built-in function.

Table 4-292 Error Message 6567

ERROR 6568	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error in Windows API function WNetGetUniversalName
Argument	return code of WNetGetUniversalName
Description	This message occurs when there is an error in the Windows API function WNetGetUniversalName.

Table 4-293 Error Message 6568

ERROR 6569	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	nonexistent stored command
Argument	None
Description	This error is returned when a user attempts to execute a nonexistent stored command.

Table 4-294 Error Message 6569

ERROR 6570	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the stored command or module already exists
Argument	None
Description	This error is returned when a user tries to create a stored command or module and the stored command or module already exists.

Table 4-295 Error Message 6570

ERROR 6571	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find specified trigger
Argument	None
Description	This error is returned when DBMaker cannot find a specified trigger.

Table 4-296 Error Message 6571

ERROR 6572	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	trigger already exists
Argument	None
Description	This error is returned when a user tries to create a trigger that already exists.

Table 4-297 Error Message 6572

ERROR 6573	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	trigger of this type already exists
Argument	None
Description	This error is returned when a trigger, with same trigger event and same trigger action time, already exists in the triggering table. (See the “SQL Command & Reference Manual” for details.)

Table 4-298 Error Message 6573

ERROR 6574	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this stored command exists but it is invalid
Argument	None
Description	This error is returned when a user tries to execute a stored command but the stored command is marked as invalid in the system table.

Table 4-299 Error Message 6574

ERROR 6575	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	stored procedure not found
Argument	None
Description	This error is returned when DBMaker cannot find a specified stored procedure.

Table 4-300 Error Message 6575

ERROR 6576	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid stored procedure
Argument	None
Description	This error is returned when a stored procedure exists, but the ".so" file does not exist.

Table 4-301 Error Message 6576

ERROR 6577	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the sql statement cannot be created as stored command
Argument	None
Description	This error is returned when a user attempts to create a stored command using SQL statements other than; select, insert, delete or update. (Only select, insert, delete and update SQL statements can be used when creating a stored command.)

Table 4-302 Error Message 6577

ERROR 6578	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the name of database link already exists
Argument	None
Description	This error is returned when a user attempts to create a database link and uses the name of a database link name that already exists.

Table 4-303 Error Message 6578

ERROR 6579	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42S02
Error Message	nonexistent database link
Argument	invalid link name
Description	None

Table 4-304 Error Message 6579

ERROR 6580	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create text index on temporary table
Argument	None
Description	This error is returned when a user attempts to create a text index on a temporary table.

Table 4-305 Error Message 6580

ERROR 6581	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	text index already exists
Argument	None
Description	This error is returned when a user attempts to create a text index that already exists.

Table 4-306 Error Message 6581

ERROR 6582	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	create text index on invalid column
Argument	None
Description	This error is returned when a user attempts to create a text index on a specified column. (The index cannot be created on the specified column because of the column type.)

Table 4-307 Error Message 6582

ERROR 6583	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	text index does not exist
Argument	None
Description	This error is returned when a text index does not exist.

Table 4-308 Error Message 6583

ERROR 6584	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	subscription does not exist
Argument	None
Description	This error is returned when the subscriber table, on a remote site for replication, does not exist.

Table 4-309 Error Message 6584

ERROR 6585	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	table replication does not exist
Argument	None
Description	This error is returned when a specified publisher table for replication cannot be found.

Table 4-310 Error Message 6585

ERROR 6586	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	specify invalid parameter type when procedure creation
Argument	None
Description	This error is returned when the wrong parameter types are used when creating a stored procedure.

Table 4-311 Error Message 6586

ERROR 6587	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	source file transmit error
Argument	None
Description	This error is returned when there is a failure to open a source file when trying to create a stored procedure from the file.
Example	Create procedure from 'proc1.ec';

Table 4-312 Error Message 6587

ERROR 6589	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	preprocessor translating error: error message in
Argument	error message file name
Description	This error is returned when an error occurs when translating ESQL source code to C. Check the error message file to find out what went wrong.

Table 4-313 Error Message 6589

ERROR 6590	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	source compiling error: error message in
Argument	error message file name
Description	This error is returned when an error occurs during the compilation process of a stored procedure. Check the error message file to find out what went wrong.

Table 4-314 Error Message 6590

ERROR 6591	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	link error: error message in
Argument	error message file name
Description	This error is returned when a linking error has occurred during the linking process of a stored procedure. Check the error message file to find out what went wrong.

Table 4-315 Error Message 6591

ERROR 6592	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	stored procedure definition too long
Argument	None
Description	This error is returned when an SQL statement string in a stored procedure definition is too long.

Table 4-316 Error Message 6592

ERROR 6593	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user has no privilege to execute this procedure
Argument	None
Description	None

Table 4-317 Error Message 6593

ERROR 6595	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	procedure without status
Argument	None
Description	This error is returned when a user tries to get a status value from a stored procedure without return status.

Table 4-318 Error Message 6595

ERROR 6596	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	parameter number or type not match
Argument	None
Description	This error is returned when while executing a procedure an incorrect number of parameters was assigned.

Table 4-319 Error Message 6596

ERROR 6597	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicated stored procedure definition
Argument	None
Description	This error is returned when a user creates a stored procedure, which already exists.

Table 4-320 Error Message 6597

ERROR 6598	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no buffer bind for output parameter
Argument	None
Description	This error is returned when a user does not use a constant to bind output parameters in a stored procedure.
Example	Call p1(3) (where the parameter is an output parameter).

Table 4-321 Error Message 6598

ERROR 6599	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the stored command does not exist, it is a module name
Argument	None
Description	This error is returned to prevent a user from accidentally dropping a stored command when they try to drop a module.

Table 4-322 Error Message 6599

4.16 **Error Messages 6600-6633**

ERROR 6600	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this ESQL module is invalid by schema changed, please rebuild it
Argument	command name
Description	This error is returned when a table schema used by an ESQL module has been changed. The ESQL module needs to be rebuilt.

Table 4-323 Error Message 6600

ERROR 6601	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	this stored procedure is invalid by schema changed, please rebuild it
Argument	None
Description	This error is returned when a table schema used by a stored procedure has been changed. The stored procedure needs to be rebuilt.

Table 4-324 Error Message 6601

ERROR 6602	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	project already exists
Argument	None
Description	None

Table 4-325 Error Message 6602

ERROR 6603	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	store procedure may be in use, cannot drop it
Argument	None
Description	None

Table 4-326 Error Message 6603

ERROR 6604	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot open stored procedure trace/error log file
Argument	None
Description	None

Table 4-327 Error Message 6604

ERROR 6605	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid size of stored procedure trace/error log file
Argument	None
Description	This error is returned when a user passes an invalid sized stored procedure when putting the source client file to the server.

Table 4-328 Error Message 6605

ERROR 6606	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot write to stored procedure trace/error log file
Argument	None
Description	This error is returned when a user attempts to write to a stored procedure and a trace/error log file failure occurs.

Table 4-329 Error Message 6606

ERROR 6607	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unable to copy stored procedure source file for preprocessor
Argument	None
Description	None

Table 4-330 Error Message 6607

ERROR 6608	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	not permitted to drop SYSTABLESPACE or DEFTABLESPACE
Argument	None
Description	None

Table 4-331 Error Message 6608

ERROR 6609	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid option name for getting or setting the system option
Argument	wrong option name
Description	Passed an incorrect option name to GetSystemOption() or SetSystemOption() system stored-procedure.

Table 4-332 Error Message 6609

ERROR 6610	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop built-in or internal function
Argument	None
Description	cannot drop built-in or internal function.

Table 4-333 Error Message 6610

ERROR 6611	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot load dmudf.dll
Argument	None
Description	cannot load dmudf.dll.

Table 4-334 Error Message 6611

ERROR 6612	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop system or default database file
Argument	None
Description	This error is returned when a user attempts to drop the system or default database file from the system table. The system and default database files cannot be removed from the system table.

Table 4-335 Error Message 6612

ERROR 6613	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop last datafile from tablespace
Argument	None
Description	This error is returned when a user attempts to drop the last datafile in a tablespace. A tablespace must contain at least one datafile.

Table 4-336 Error Message 6613

ERROR 6614	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the datafile is not belong to this tablespace
Argument	None
Description	This message is returned when a user attempts to drop a datafile that does not belong to the tablespace that the user has specified.

Table 4-337 Error Message 6614

ERROR 6615	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	schema does not exist, invalid schema name
Argument	schema-id
Description	This message is returned when a user attempts to modify or drop a schema that does not exist in the database.

Table 4-338 Error Message 6615

ERROR 6616	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	schema already exists
Argument	None
Description	This message is returned when a user attempts to create a schema, but a schema with the same name already exists in the database..

Table 4-339 Error Message 6616

ERROR 6617	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Schemas which contain tables cannot be dropped
Argument	None
Description	You cannot drop a schema which contains a table

Table 4-340 Error Message 6617

ERROR 6618	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop default schema
Argument	None
Description	This message is returned when a user attempts to drop the system or default schema for the database. You cannot drop the default or system schema from the database.

Table 4-341 Error Message 6618

ERROR 6619	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Schemas that contain domains cannot be dropped
Argument	None
Description	You cannot drop a schema which contains domains.

Table 4-342 Error Message 6619

ERROR 6620	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Schema which contain procedures cannot be dropped
Argument	None
Description	You cannot drop a schema which contains procedures.

Table 4-343 Error Message 6620

ERROR 6621	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	BLOB related data in the memory table is not supported
Argument	None
Description	Create memory table t1 (c1 long varchar).

Table 4-344 Error Message 6621

ERROR 6622	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	A table/view that has a synonym referring to it cannot be dropped
Argument	None
Description	You cannot drop a table/view that has a synonym referring to it.

Table 4-345 Error Message 6622

ERROR 6623	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	A table which has a dependent replication cannot be dropped
Argument	None
Description	You cannot drop a table which has a dependent replication.

Table 4-346 Error Message 6623

ERROR 6624	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	A table that has an index referring to it cannot be dropped
Argument	None
Description	You cannot drop a table that has an index referring to it.

Table 4-347 Error Message 6624

ERROR 6625	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot drop a table that has a text index referring to it.
Argument	None
Description	Cannot drop a table that has a text index referring to it.

Table 4-348 Error Message 6625

ERROR 6626	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	A table which has a dependent trigger cannot be dropped.
Argument	None
Description	You cannot drop a table which has a dependent trigger.

Table 4-349 Error Message 6626

ERROR 6627	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot drop a column that has a text index referring to it.
Argument	None
Description	Cannot drop a column that has a text index referring to it.

Table 4-350 Error Message 6627

ERROR 6628	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	A column that has an index referring to it cannot be dropped.
Argument	None
Description	You cannot drop a column that has an index referring to it.

Table 4-351 Error Message 6628

ERROR 6629	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	A column that has a view referring to it cannot be dropped.
Argument	None
Description	You cannot drop a column that has a view referring to it.

Table 4-352 Error Message 6629

ERROR 6630	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot revoke connect from user that has a schema referring to it.
Argument	None
Description	Cannot revoke connect from user that has a schema referring to it.

Table 4-353 Error Message 6630

ERROR 6631	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot revoke connect from user that has a table referring to it.
Argument	None
Description	Cannot revoke connect from user that has a table referring to it.

Table 4-354 Error Message 6631

ERROR 6632	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot revoke connect from user that has a domain referring to it.
Argument	None
Description	Cannot revoke connect from user that has a domain referring to it.

Table 4-355 Error Message 6632

ERROR 6633	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot revoke connect from user that has a procedure referring to it.
Argument	None
Description	Cannot revoke connect from user that has a procedure referring to it.

Table 4-356 Error Message 6633

4 Error Messages

This chapter lists all general error messages that may be returned by DBMaker. General error messages indicate the execution of a transaction has been terminated due to an unexpected condition. The cause of the error is indicated by the error message. Some modifications to the transaction or the database settings are required in order for the transaction to be successfully completed.

4.17 Error Messages 6802-6872

ERROR 6802	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	database has no security mechanism
Argument	None
Description	This error is returned when a user attempts to grant access privileges to another user (The database has no security mechanism so granting privileges is unnecessary.)

Table 4-1 Error Message 6802

ERROR 6803	
ODBC Return Code	SQL_ERROR
ODBC SQL State	28000
Error Message	invalid authorization specification (invalid username when connecting)
Argument	None
Description	This error is returned when a user attempts to connect/start a database (the user name does not exist).

Table 4-2 Error Message 6803

ERROR 6804	
ODBC Return Code	SQL_ERROR
ODBC SQL State	28000
Error Message	invalid authorization specification (invalid password when connecting)
Argument	None
Description	This error is returned when a user attempts to connect/start a database and the password they provide is invalid.

Table 4-3 Error Message 6804

ERROR 6805	
ODBC Return Code	SQL_ERROR
ODBC SQL State	28000
Error Message	invalid authorization specification (no username specified when connecting, and cannot find default username in configuration file)
Argument	None
Description	This error is returned when a user attempts to connect/start a database without specifying a user name, while the default user name is not specified in the configuration file.
Example	Connect to <database name>; (The user neglects to specify a user name or password when connecting. The correct way to connect is: Connect to <database name><username><password>;).

Table 4-4 Error Message 6805

ERROR 6806	
ODBC Return Code	SQL_ERROR
ODBC SQL State	28000
Error Message	invalid authorization specification (no password specified when connecting, and cannot find default password in configuration file)
Argument	None
Description	This error is returned when a user attempts to connect/start a database. The user name is found in the configuration file, but there is no specified password.

Table 4-5 Error Message 6806

ERROR 6807	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid group
Argument	None
Description	This error is returned when a user attempts to execute commands on an invalid group.
Example	Example 1: Add user1 to grp1; (when grp1 does not exist). Example 2: Drop group grp1; (when grp1 does not exist). Example 3: Remove user1 from group grp1; (when grp1 does not exist). Example 4: Create group AAA; (when AAA is an existing users' id).

Table 4-6 Error Message 6807

ERROR 6808	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the specified group name already exists in the database
Argument	None
Description	This error is returned when a user attempts to create a group using a name that already exists as a group.
Example	Create group GGG; (when GGG is already an existing group name).

Table 4-7 Error Message 6808

ERROR 6809	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot add a group into itself
Argument	None
Description	This error is returned when a user attempts to add a group to itself.
Example	Add grp1 to group grp1;

Table 4-8 Error Message 6809

ERROR 6810	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	PUBLIC is a reserved word
Argument	None
Description	This error is returned when a user attempts to use the "PUBLIC", when this word is reserved for DBMaker use.
Example	Example 1: Create group PUBLIC; Example 2: Grant connect to PUBLIC;

Table 4-9 Error Message 6810

ERROR 6811	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Invalid user name.
Argument	uid
Description	1. add user1 to grp1; (if user1 is not existent) see siaddgrp.c 2. alter password of user1 to a12345; (if user1 is not existent) see sialtpwd.c 3. grant RESOURCE/DBA to user1; (if user1 is not existent) see sigrant1.c 4. grant select on t1 to user1; (if user1 is not existent, not "PUBLIC", not group id) see sigrant2.c 5. revoke CONNECT/RESOURCE/DBA/ACCESS from user1; (if user1 is not existent) see sirevok1.c 6. revoke select on t1 from user1; (if user1 is not existent and not group) see sirevok2.c.

Table 4-10 Error Message 6811

ERROR 6813	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the specified group already has a user with that name
Argument	uid
Description	This error is returned when a user attempts to add a user to a group, when another user with the same name already belongs to the group.
Example	Add user1 to group grp1; (grp1 already has a user called user1).

Table 4-11 Error Message 6813

ERROR 6814	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	Cannot grant special privilege(CONNECT/RESOURCE/DBA/ACCESS) to group.
Argument	gid
Description	Grant connect/RESOURCE/DBA/ACCESS to grp1; (if grp1 is an existent group name) <internal> see sigrant1.c.

Table 4-12 Error Message 6814

ERROR 6815	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot grant object privilege to SYSADM, because SYSADM already has all privilege
Argument	None
Description	This error is returned when a user attempts to grant access privileges to the SYSADM.
Example	grant select on t1 to SYSADM.

Table 4-13 Error Message 6815

ERROR 6816	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot revoke any privilege from SYSADM
Argument	None
Description	This error is returned when a user attempts to revoke access privileges from the SYSADM.
Example	Example 1: Revoke connection access from SYSADM; Example 2: Revoke select on t1 from SYSADM.

Table 4-14 Error Message 6816

ERROR 6817	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot grant object privileges to oneself
Argument	None
Description	This error is returned when a user attempts to grant access privileges to themselves.
Example	Grant select on t1 to user1; (current user is user1).

Table 4-15 Error Message 6817

ERROR 6818	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot revoke object privileges from oneself
Argument	None
Description	This error is returned when a user attempts to revoke their own access privileges.
Example	Revoke select on t1 from user1; (current user is user1).

Table 4-16 Error Message 6818

ERROR 6819	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the group has no such user
Argument	uid
Description	This error is returned when a user attempts to remove a user from a group, when that user does not belong to the group.
Example	Remove user1 from group grp1; (user1 is not in group grp1).

Table 4-17 Error Message 6819

ERROR 6820	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: not group owner. Except for SYSADM/DBA, only the group owner can execute this command
Argument	None
Description	This error is returned when a user, who is not a SYSADM/DBA and not the owner of the group, attempts to execute one of the following commands: Add a user to a group, Drop a group, Remove a user from a group.

Table 4-18 Error Message 6820

ERROR 6821	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: user is not the table/view's schema owner, only the table/view's schema owner can execute the command
Argument	None
Description	This error is returned when a user, who is not the table/view's schema owner, attempts to drop a table/view. Only the schema owner , or users with DBA or SYSADM authority, can drop a table/view.

Table 4-19 Error Message 6821

ERROR 6822	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	user is not the domain's schema owner, only the domain's schema owner can execute the command
Argument	None
Description	This error is returned when a user, who is not the domain's schema owner, attempts to drop a domain. Only the schema owner , or users with DBA or SYSADM authority, can drop a domain.

Table 4-20 Error Message 6822

ERROR 6823	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: current user has no DBA privilege
Argument	None
Description	This error is returned when a user, who does not have DBA privileges, attempts to create a group. Only users with DBA privileges can create a group.

Table 4-21 Error Message 6823

ERROR 6824	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: current user has no RESOURCE privileges
Argument	None
Description	This error is returned when a user, with no resource privileges, attempts to create a table.

Table 4-22 Error Message 6824

ERROR 6825	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only SYSADM can grant special privileges (CONNECT/RESOURCE/DBA/ACCESS) to users.
Argument	None
Description	grant CONNECT DBA RESOURCE to user1; (if current user is not SYSADM) <internal> see sigrant1.c.

Table 4-23 Error Message 6825

ERROR 6826	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only SYSADM can revoke special privileges (CONNECT/RESOURCE/DBA/ACCESS) from users
Argument	None
Description	Revoke CONNECT DBA RESOURCE from user1; (if current user is not SYSADM) <internal> see sirevok1.c.

Table 4-24 Error Message 6826

ERROR 6827	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no privilege to grant specified operation
Argument	sel ins upd del alt idx
Description	A user without sufficient access privileges tries to grant access privileges to another user.

Table 4-25 Error Message 6827

ERROR 6828	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no privilege to revoke specified operation
Argument	sel ins upd del alt idx
Description	A user without sufficient access privileges tries to revoke the access privileges of another user.

Table 4-26 Error Message 6828

ERROR 6829	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no SELECT privilege
Argument	None
Description	None

Table 4-27 Error Message 6829

ERROR 6830	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no INSERT privilege
Argument	None
Description	None

Table 4-28 Error Message 6830

ERROR 6831	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no DELETE privilege
Argument	None
Description	None

Table 4-29 Error Message 6831

ERROR 6832	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no UPDATE privilege
Argument	None
Description	None

Table 4-30 Error Message 6832

ERROR 6833	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no REFERENCE privilege
Argument	None
Description	None

Table 4-31 Error Message 6833

ERROR 6834	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no ALTER TABLE privilege
Argument	None
Description	None

Table 4-32 Error Message 6834

ERROR 6835	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no CREATE/CHECK/REBUILD INDEX privilege on the specified table
Argument	None
Description	A user tries to create an index on a table when the user has no access privileges on the table.

Table 4-33 Error Message 6835

ERROR 6839	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only SYSADM can alter another user's password
Argument	None
Description	This error is returned when a user other than the SYSADM, attempts to alter another user's password by using the syntax "alter password of ... to...". Only the SYSADM is able to alter the passwords of other users.

Table 4-34 Error Message 6839

ERROR 6840	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only SYSADM can grant privileges to a user who has the DBA authority
Argument	None
Description	This error will occur when a user (user1) tries to grant access privileges to another user (user2), when user1 is not the SYSADM and user2 has DBA authority. Only the SYSADM can grant privileges to users with DBA authority.

Table 4-35 Error Message 6840

ERROR 6841	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only SYSADM can revoke object privileges from a user who has DBA privilege
Argument	None
Description	This error will occur when a user (user1) tries to revoke the access privileges of another user (user2), when user1 is not the SYSADM and user2 has DBA authority. Only the SYSADM can revoke the privileges of users with DBA authority.

Table 4-36 Error Message 6841

ERROR 6842	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	privilege list has duplicate item
Argument	duplicate privilege, sel ins ...
Description	None
Example	Example 1: grant select, select on t1 to user1; see sigrant2.c Example 2: revoke select, select from user1;

Table 4-37 Error Message 6842

ERROR 6843	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	column privilege list has duplicate item
Argument	duplicate column name
Description	While granting a user access privileges to a column, the column privilege list has duplicate information.
Example	grant insert (c1,c1) on t1 to user1

Table 4-38 Error Message 6843

ERROR 6844	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	redundant statement, PUBLIC includes all users
Argument	None
Description	This error is returned when a redundant privilege granting statement is issued.
Example	Example 1: Grant select on t1 to user1, PUBLIC (PUBLIC includes all users so granting user1 privileges as well is redundant); Example 2: Revoke select on t1 from user1, PUBLIC (PUBLIC includes all users so revoking privileges on user1 as well is redundant);

Table 4-39 Error Message 6844

ERROR 6845	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	incorrect old password
Argument	None
Description	This error will be returned while a client user is attempting to alter their password (old password to a new password). The old password, that is input while attempting the alteration, is invalid.

Table 4-40 Error Message 6845

ERROR 6846	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot add a group that will cause a cyclic chain
Argument	None
Description	This error will be returned when trying to add a new member to a group.
Example	Add g1 to group g2; (g2 is already a member of g1). This results in cyclic group chain.

Table 4-41 Error Message 6846

ERROR 6847	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	tried to modify system table
Argument	None
Description	None

Table 4-42 Error Message 6847

ERROR 6848	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user doesn't have privilege to terminate database
Argument	None
Description	None

Table 4-43 Error Message 6848

ERROR 6849	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	user doesn't have privilege to start database
Argument	None
Description	None

Table 4-44 Error Message 6849

ERROR 6850	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only users having SELECT privileges can lock a table in share mode
Argument	None
Description	This error is returned when a user does not have the access privileges to a table and they try and lock that table.

Table 4-45 Error Message 6850

ERROR 6851	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: only users having DELETE or UPDATE privileges can lock a table in EXCLUSIVE mode
Argument	None
Description	This error is returned when a user does not have enough privileges to lock that table.

Table 4-46 Error Message 6851

ERROR 6853	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot grant object privileges to object owner
Argument	uid
Description	This error is returned when a user tries to grant access privileges on an object that they own .
Example	Grant select on user1.t1 to user1. The user already has full privileges on the object.

Table 4-47 Error Message 6853

ERROR 6854	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot revoke object privileges from object owner
Argument	uid
Description	This error is returned when a user tries to revoke access privileges on an object that they own.
Example	Revoke select on user1.t1 from user1. The user owns the table and has full privileges on the table and so cannot revoke their own privileges.

Table 4-48 Error Message 6854

ERROR 6856	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid group name: maybe the specified group name may be a existing username
Argument	None
Description	None

Table 4-49 Error Message 6856

ERROR 6857	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use SYSTEM as a user or group name
Argument	None
Description	None

Table 4-50 Error Message 6857

ERROR 6858	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create a foreign key which references a system table
Argument	None
Description	None

Table 4-51 Error Message 6858

ERROR 6859	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create a synonym for a system table
Argument	None
Description	None

Table 4-52 Error Message 6859

ERROR 6860	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot GRANT/REVOKE privileges on temporary tables
Argument	temporary table name
Description	None

Table 4-53 Error Message 6860

ERROR 6861	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no EXECUTE privilege
Argument	None
Description	None

Table 4-54 Error Message 6861

ERROR 6862	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: user is not the project owner, only the project owner can execute the command
Argument	None
Description	This error is returned when a user attempts to drop a project that they do not own.
Example	Drop project prj1; Only the project owner can drop the project.

Table 4-55 Error Message 6862

ERROR 6863	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: user is not the stored command's schema owner, only the stored command's schema owner can drop the stored command
Argument	None
Description	This error is returned when a user tries to drop a stored command and they are not the schema owner, or a user with DBA authority, of the stored command.
Example	Drop command uxx.cmd1; Only the schema owner of the stored command can drop the stored command.

Table 4-56 Error Message 6863

ERROR 6864	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: user is not the stored procedure's schema owner, only the stored procedure's schema owner can drop the stored procedure
Argument	None
Description	This error is returned when a user tries to drop a stored procedure and they are not the schema owner, or a user with DBA authority, of the stored procedure.
Example	Drop procedure uxx.sp1; (Only the schema owner of the stored procedure can drop the stored procedure).

Table 4-57 Error Message 6864

ERROR 6865	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid operation (cannot grant or revoke any privilege except select/delete/update/insert on view)
Argument	None
Description	Only users with the Data Modification Language privilege can grant/revoke privileges on a view.

Table 4-58 Error Message 6865

ERROR 6866	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	only table owner or DBA can create/drop replications on/from a table
Argument	None
Description	None

Table 4-59 Error Message 6866

ERROR 6867	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	user is not the schema owner, only the schema owner can execute the command
Argument	None
Description	This error is returned when a user who is not the schema owner attempts to execute a command on a schema. Only the schema owner or a user who has DBA authority can execute a command on the schema.

Table 4-60 Error Message 6867

ERROR 6868	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	user is not the synonym's schema owner, only the synonym's schema owner can execute the command
Argument	None
Description	Only synonym's schema owner or a user withy DBA authority can drop the synonym from the schema.

Table 4-61 Error Message 6868

ERROR 6869	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	The IP address entered is incorrect
Argument	None
Description	The entered IP address does not allow connection to the database.

Table 4-62 Error Message 6869

ERROR 6870	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	Cannot update the setting with the following: (SYSADM,'127.0.0.1')
Argument	None
Description	Cannot update the setting with the following: (SYSADM,'127.0.0.1').

Table 4-63 Abort Message 6870

ERROR 6871	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	An allow record in SYSACL already exists
Argument	None
Description	SYSACL does not support having more than one allow record.

Table 4-64 Error Message 6871

ERROR 6872	
ODBC Return Code	SQL_ERROR
ODBC SQL State	42000
Error Message	access violation: no USE privilege
Argument	None
Description	None

Table 4-65 Error Message 6872

4.18 Error Messages 7102-7122

ERROR 7102	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid filename: filename may be too long
Argument	None
Description	The statistics filename is invalid. Check to see if the filename is too long.

Table 4-66 Error Message 7102

ERROR 7103	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error opening load file
Argument	None
Description	The statistics file cannot be accessed. Check to see if the file exists.

Table 4-67 Error Message 7103

ERROR 7104	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	end of load file
Argument	None
Description	None

Table 4-68 Error Message 7104

Error Reference and Message

ERROR 7105	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	syntax error in load file
Argument	None
Description	This error is returned when the statistics file has a syntax error.

Table 4-69 Error Message 7105

ERROR 7106	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	incorrect database name in load file
Argument	None
Description	The database name in the statistics file does not match the current database name.

Table 4-70 Error Message 7106

ERROR 7107	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid owner name in load file
Argument	None
Description	The owner name in the statistics file is invalid.

Table 4-71 Error Message 7107

ERROR 7108	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate owner name in load file
Argument	None
Description	There is a duplicate owner name in the statistics file.

Table 4-72 Error Message 7108

ERROR 7109	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no owner name in load file
Argument	None
Description	There is no owner name in the statistics file.

Table 4-73 Error Message 7109

ERROR 7110	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid table name in load file
Argument	None
Description	The table name in the statistics file is invalid.

Table 4-74 Error Message 7110

ERROR 7111	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no table name in load file
Argument	None
Description	There is no table name in the statistics file.

Table 4-75 Error Message 7111

ERROR 7112	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid column name in load file
Argument	None
Description	The column name in the statistics file is invalid.

Table 4-76 Error Message 7112

ERROR 7113	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no column name in load file
Argument	None
Description	There is no column name in the statistics file.

Table 4-77 Error Message 7113

ERROR 7114	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid index name in load file
Argument	None
Description	The index name in the statistics file is invalid.

Table 4-78 Error Message 7114

ERROR 7115	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no index name in load file
Argument	None
Description	There is no index name in the statistics file.

Table 4-79 Error Message 7115

ERROR 7116	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid integer value in load file
Argument	None
Description	The integer value in the statistics file is invalid.

Table 4-80 Error Message 7116

ERROR 7117	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid float value in load file
Argument	None
Description	The float value in the statistics file is invalid.

Table 4-81 Error Message 7117

ERROR 7118	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid hex value in load file
Argument	None
Description	The hex value in the statistics file is invalid.

Table 4-82 Error Message 7118

ERROR 7119	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid sample value
Argument	None
Description	The sample rate given to update the statistics is invalid. A valid value is an integer between 1 and 100.

Table 4-83 Error Message 7119

ERROR 7120	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update/unload/load statistics on view
Argument	None
Description	The statistics on a view cannot be updated, unloaded or loaded.

Table 4-84 Error Message 7120

ERROR 7121	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot update/unload/load statistics on temporary table
Argument	None
Description	The statistics on a temporary table cannot be updated, unloaded or loaded.

Table 4-85 Error Message 7121

ERROR 7122	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid string value in load file
Argument	None
Description	The string value in the statistics file is invalid.

Table 4-86 Error Message 7122

4.19 Error Messages 7501-7555

ERROR 7501	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	out of memory
Argument	None
Description	There is insufficient memory to execute the requested command.

Table 4-87 Error Message 7501

ERROR 7502	
ODBC Return Code	SQL_ERROR
ODBC SQL State	24000
Error Message	invalid cursor name
Argument	None
Description	try to open, fetch or close a cursor which has not been declared before.
Example	exec sql open testCur1;

Table 4-88 Error Message 7502

ERROR 7503	
ODBC Return Code	SQL_ERROR
ODBC SQL State	24000
Error Message	the statement is associated with a opened cursor
Argument	None
Description	try to prepare or execute a statement, which is already associate with an opened cursor.
Example	exec sql prepare stmt1 FROM :stmt_string; exec sql declare cur1 cursor for stmt1; exec sql open cur1; exec sql execute stmt1;

Table 4-89 Error Message 7503

ERROR 7504	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the statement is associated with a declared cursor
Argument	None
Description	This error is returned when a user tries to prepare or execute a statement, which is already associated with a declared cursor.
Example	<pre>exec sql prepare stmt1 FROM : stmt_string; exec sql declare cur1 cursor for stmt1; exec sql execute stmt1;</pre>

Table 4-90 Error Message 7504

ERROR 7505	
ODBC Return Code	SQL_ERROR
ODBC SQL State	24000
Error Message	can not fetch data, cursor is not opened yet or it's closed by commit
Argument	None
Example	<pre>exec sql declare cur1 cursor for select * from t1 into :c1, :c2; exec sql open cur1;</pre>

Table 4-91 Error Message 7505

ERROR 7506	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	singleton SELECT can only retrieve at most one row
Argument	None
Description	This error is returned when checking the number of rows in a singleton select statement and the result is more than one. You can set the check feature by setting the -s option in the ESQL preprocessor. The default setting is off.
Example	Table t1 has 2 rows ex: exec sql select * from t1 into :c1, :c2;

Table 4-92 Error Message 7506

ERROR 7508	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	connection has not opened yet
Argument	None
Description	This error is returned when there is no connect syntax in the ESQL program or the connection has failed.
Example	Execute the following esql program when there is no connection syntax exec sql select * from t1 into :c1, :c2

Table 4-93 Error Message 7508

ERROR 7509	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid statement name
Argument	None
Description	The statement name is invalid.
Example	Exec sql execute stmt1; (stmt1 has not been prepared.)

Table 4-94 Error Message 7509

ERROR 7510	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot declare cursor for a non-query statement
Argument	None
Description	This error is returned when a cursor is declared for a non-query statement.
Example	Exec sql prepare stmt1 from "insert into t1 values (100,200)"; exec sql declare cur1 cursor for stmt1;

Table 4-95 Error Message 7510

ERROR 7511	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot declare cursor for single select
Argument	None
Description	There is no cursor to declare because a cursor is not used to get data for a single select function.

Table 4-96 Error Message 7511

ERROR 7512	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot describe output host variable for a non-query statement
Argument	None
Description	This error is returned when a user tries to describe the output host variable for a non-query statement.
Example	Exec sql describe select list for stmt1 INTO output_descriptor; (stmt1 is not a query statement.)

Table 4-97 Error Message 7512

ERROR 7513	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the statement is still not be prepared
Argument	None
Description	This error is returned when a user tries to execute or describe a non-prepared statement.

Table 4-98 Error Message 7513

ERROR 7514	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the statement is associated a query, cannot use EXECUTE to open cursor
Argument	None
Description	This error is returned when a user attempts to open a cursor using an EXECUTE command.
Example	exec sql prepare stmt1 from "select * from t1"; exec sql execute stmt1;

Table 4-99 Error Message 7514

ERROR 7516	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	ESQL statement's operation has been canceled
Argument	statement or cursor name
Description	This error is returned when a put BLOB operation has been canceled for the statement or cursor, when disconnecting from the DB without committing the transaction.

Table 4-100 Error Message 7516

ERROR 7517	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	describe host variable number > maximum host variable number of describe area
Argument	None
Description	This error is returned when the maximum allocated host variables in the descriptor area are less than the number of host variables in a statement.

Table 4-101 Error Message 7517

ERROR 7518	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	bind too many columns
Argument	None
Description	This error is returned when too many columns have been bound.
Example	exec sql select c1,c2 from t1 into :c1, :c2, :c3;

Table 4-102 Error Message 7518

ERROR 7519	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	bind too many parameters
Argument	None
Description	This error is returned when too many parameters have been bound.
Example	strcpy(stmt1.arr, "insert into t1 values (:n1, :n2)"); exec sql prepare stmt1 from :stmt1; exec sql execute stmt1 using :x1, :x2, :x3;

Table 4-103 Error Message 7519

ERROR 7520	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	bind too few parameters
Argument	None
Description	This error is returned when too few parameters have been bound.
Example	<pre>strcpy(stmt1.arr, "insert into t1 values (:n1, :n2)"); exec sql prepare stmt1 from :stmt1; exec sql execute stmt1 using :x1;</pre>

Table 4-104 Error Message 7520

ERROR 7521	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	has data need to be put
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-105 Error Message 7521

ERROR 7522	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	data is putting
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-106 Error Message 7522

ERROR 7523	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	data putting has end
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-107 Error Message 7523

ERROR 7524	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	must get data after fetch a cursor or execute a query
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-108 Error Message 7524

ERROR 7525	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the stmt still not be executed, cannot begin put data
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-109 Error Message 7525

ERROR 7526	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot put data into a query statement
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-110 Error Message 7526

ERROR 7527	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot put data or end put data before begin put data
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)
Solution	A user must start from "begin put data" to put data. The process of put data is: begin put data put data end put data

Table 4-111 Error Message 7527

ERROR 7528	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot associate blob parameters with a query
Argument	None
Description	This error is returned when a user attempts to bind BLOB type parameters with a query.

Table 4-112 Error Message 7528

ERROR 7529	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot cancel put blob from a query
Argument	None
Description	This error is returned when a user attempts to cancel a put BLOB statement for a query.

Table 4-113 Error Message 7529

ERROR 7530	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot put BLOB into a statement that do not include BLOB parameters
Argument	None
Description	None

Table 4-114 Error Message 7530

ERROR 7531	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot do the operation when has some data will be put
Argument	None
Description	According to ESQL state transition, the current state is starting to put data. The ESQL states follow a strict sequence: PREPARE/DECLARE CURSOR PUT/GET DATA END/CLOSE CURSOR (This sequence is always followed.)

Table 4-115 Error Message 7531

ERROR 7532	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no more parameters will be put
Argument	None
Description	This error is returned when a user attempts a "PUT NEXT" operation, after all the parameters have been put. The user should call an "END PUT" operation, not a "PUT NEXT" operation.

Table 4-116 Error Message 7532

ERROR 7533	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	still has parameters will be put
Argument	None
Description	This error is returned when a user attempts an "END PUT" operation, but some parameters still have not been put. The user should call a "PUT NEXT" operation, not an "END PUT" operation.

Table 4-117 Error Message 7533

ERROR 7534	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid fetch operation, cursor should declare scrollable
Argument	None
Description	None

Table 4-118 Error Message 7534

ERROR 7535	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid SQLDA or unallocated SQLDA pointer
Argument	None
Description	This error is returned when the pointer of the SQLDA is nil, or invalid.

Table 4-119 Error Message 7535

ERROR 7536	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid host variable number
Argument	None
Description	This error is returned when a user calls the SQLDA functions GetSQLDA() or SetSQLDA(), and one of three things occurs: The input host variable number is less than zero. The input host variable is greater than the maximum host variable. The input host variable is greater than the maximum host number of SQLDA.

Table 4-120 Error Message 7536

ERROR 7537	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid fields option of SQLDA
Argument	None
Description	This error is returned when the SQLDA function, GetSQLDA()'s input field option is not defined. This error is also returned when the SQLDA function, SetSQLDA()'s input field option is not defined or cannot be set.

Table 4-121 Error Message 7537

ERROR 7538	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	output user log tailed
Argument	None
Description	Check the disk space to see if there is enough space to write the total stored procedure trace information.

Table 4-122 Error Message 7538

ERROR 7539	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	close user log failed
Argument	None
Description	This error returns when there is a failure to close the stored procedure trace file.

Table 4-123 Error Message 7539

ERROR 7540	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	open user log failed
Argument	None
Description	This error returns when there is a failure to open the stored procedure trace file.

Table 4-124 Error Message 7540

ERROR 7541	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot use the descriptor, because has not any describe information in it
Argument	None
Description	None

Table 4-125 Error Message 7541

ERROR 7542	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the statement cannot be executed/opened, because has not enough information in associated descriptor
Argument	None
Description	None

Table 4-126 Error Message 7542

ERROR 7543	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid input maximum number of SQLDA
Argument	None
Description	This error is returned when using the SQLDA function <code>allocate_descriptor_storage()</code> to allocate SQLDA and the input SQLDA entry size is less or equal than zero or is greater than 2147483647.

Table 4-127 Error Message 7543

ERROR 7544	
ODBC Return Code	SQL_ERROR
ODBC SQL State	24000
Error Message	the cursor has been declared
Argument	None
Description	The cursor has been declared, cannot declare it again.

Table 4-128 Error Message 7544

ERROR 7545	
ODBC Return Code	SQL_ERROR
ODBC SQL State	24000
Error Message	the cursor has been opened
Argument	None
Description	By ESQL state transition, current state is open or fetch state, so user cannot "DECLARE CURSOR" now.

Table 4-129 Error Message 7545

ERROR 7546	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid data length, data length should be greater than zero
Argument	None
Description	None

Table 4-130 Error Message 7546

ERROR 7547	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	can't get blob without specified output host variable or descriptor
Argument	None
Description	None

Table 4-131 Error Message 7547

ERROR 7548	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	can't get blob with single tuple selection
Argument	None
Description	None

Table 4-132 Error Message 7548

ERROR 7549	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	can't fetch more rows than host variable array size
Argument	None
Description	This error is returned when the user tries to specify a number of FETCH rows that is greater than rowset size.

Table 4-133 Error Message 7549

ERROR 7550	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	can't fetch more than one row when getting BLOB
Argument	None
Description	When a user wants to retrieve BLOB data by using the GET DATA command, the rowset size must be 1.

Table 4-134 Error Message 7550

ERROR 7551	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	can't fetch zero or negative rows
Argument	None
Description	This error is returned when a user tries to specify a number of rows to be fetched as a negative value or zero.

Table 4-135 Error Message 7551

Error Reference and Message

ERROR 7552	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid input file type specified
Argument	None
Description	When a user tries call functions other than ESQL_STORE_FILE_CONTENT and ESQL_STORE_FILE_NAME to put a file object this error will occur.

Table 4-136 Error Message 7552

ERROR 7553	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no result set returned in SP program
Argument	None
Description	None

Table 4-137 Error Message 7553

ERROR 7554	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot return more than one result set in SP program
Argument	None
Description	None

Table 4-138 Error Message 7554

ERROR 7555	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot describe input parameters after execute statement
Argument	None
Description	None

Table 4-139 Error Message 7555

4.20 Error Messages 7701-7719

ERROR 7701	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid log records of async table replication
Argument	None
Description	This error is returned when the async table replication log file (*.TRP) is corrupted. This may be the result from illegally modifying the TRP files or internal error might have occurred when writing log data into the TRP files.

Table 4-140 Error Message 7701

ERROR 7702	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the schedule does not exist
Argument	None
Description	This error is returned when a user attempts to modify a schedule that does not exist.
Example	The user tries to create async table replication on this schedule when the schedule doesn't exist.

Table 4-141 Error Message 7702

ERROR 7704	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicated columns in projection list
Argument	None
Description	This error is returned when there are duplicated replication columns.
Example	create async replication rp1 with primary as tb1 (c1,c2,c3) replicate to db2:tb2 (c1,c2,c1);

Table 4-142 Error Message 7704

ERROR 7705	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	heterogeneous ATR cannot perform data initialization
Argument	None
Description	This error is returned when a no_check (heterogeneous) replication has been created and the user then tries to clear data, flush data or, clear and flush data.

Table 4-143 Error Message 7705

ERROR 7706	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	the number of rows affected is not 1
Argument	None
Description	This error is returned when the replication source table and target table are not the same.
Example	A user tries to delete a tuple on the source table when the target table does not have this tuple.

Table 4-144 Error Message 7706

ERROR 7707	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop schedule with subscriptions
Argument	None
Description	This error is returned when a user tries to drop a schedule and there are still some replications based on the schedule. First, drop all replications based on the schedule, and then the schedule can be dropped.

Table 4-145 Error Message 7707

ERROR 7708	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate replication
Argument	None
Description	This error is returned when trying to create table replication, a name that already exists is used.

Table 4-146 Error Message 7708

ERROR 7709	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	duplicate schedule
Argument	None
Description	This error is returned when a duplicate schedule has been created on the same target database.

Table 4-147 Error Message 7709

ERROR 7711	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	error happens during synchronization
Argument	None
Description	This error is returned during the synchronization of data. Check the ERROR.LOG for error information that is helpful in solving the problem.

Table 4-148 Error Message 7711

ERROR 7712	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot load odbc dll
Argument	None
Description	The ODBC dll:ODBC32.DLL cannot be loaded.

Table 4-149 Error Message 7712

ERROR 7713	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot check remote schema if heterogeneous
Argument	None
Description	Heterogeneous table replication cannot check remote schema.

Table 4-150 Error Message 7713

ERROR 7714	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create synchronous replication with no cascade subscription
Argument	None
Description	Synchronous table replication cannot be created to use the no cascade function.

Table 4-151 Error Message 7714

ERROR 7715	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	distributor is busy
Argument	None
Description	This error is returned because while the distributor is synchronizing one DB, another user requests another synchronization.

Table 4-152 Error Message 7715

ERROR 7716	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot drop all the subscribers in a replication
Argument	None
Description	This error is returned because a replication must have at least one subscriber.
Example	A replication (rp1) has a subscriber (db2:t2), then a user tries to alter replication rp1 by dropping the replicate.

Table 4-153 Error Message 7716

ERROR 7717	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	log data exceeds 2G
Argument	None
Description	The size of the data to be logged cannot exceed 2G. For insertion, log new data; for updates, new+old; deletion, old.

Table 4-154 Error Message 7717

ERROR 7718	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot perform express ATR if heterogeneous
Argument	None
Description	This error is returned when a user attempts to apply express Asynchronous Table Replication between two databases that are not the same type, Oracle and DBMaker, for example.

Table 4-155 Error Message 7718

ERROR 7719	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot perform express ATR if stop on error
Argument	None
Description	This error is returned when trying to apply the STOP ON ERROR option to express Asynchronous Table Replication.

Table 4-156 Error Message 7719

4.21 Error Messages 8001-8069

ERROR 8001	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	configuration value type not support
Argument	None
Description	This error is returned when the value type set for configuration is not supported by DBMaker.

Table 4-157 Error Message 8001

ERROR 8002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	keyword entry is required in configuration file
Argument	keyword
Description	There is no value specified for a keyword in the dmconfig.ini file.
Solution	Add the keyword value to the dmconfig.ini file.

Table 4-158 Error Message 8002

ERROR 8003	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	config value too long
Argument	config value return length and max length
Description	The value specified for a keyword in the dmconfig.ini file is too long.
Solution	Modify the value of the keyword so it is within the range of DBMaker system limits (80 characters).

Table 4-159 Error Message 8003

ERROR 8005	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	configuration file entry format error or config keyword too long
Argument	keyword
Description	The keyword entry that you specified in the dmconfig.ini file is not in the correct format or its length exceeds the maximum limit of 80 characters.
Solution	Modify the value of the keyword so it is within the range of DBMaker system limits (80 characters).

Table 4-160 Error Message 8005

ERROR 8006	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	config value is not an integer
Argument	keyword value
Description	The value of a keyword specified in the dmconfig.ini file should be an integer.
Solution	Change the value of the keyword in the dmconfig.ini file to an integer value.

Table 4-161 Error Message 8006

ERROR 8007	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find the specified database section in the configuration file
Argument	None
Description	No database section exists in the dmconfig.ini file for the database you want to connect to or start. There are two possible reasons: The database has not been created yet. The database section has been removed from the dmconfig.ini file.
Solution	Ensure that the name of the database you want connect to or start is valid. You must create a database before you can use that database name. If the database has already been created, you should add it to the database section in the dmconfig.ini file. If any of the keywords relating to BLOB or journal files were changed, you must rewrite them correctly or you may fail to start or connect to the database.

Table 4-162 Error Message 8007

ERROR 8008	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot create database section in configuration file
Argument	None
Description	You tried to create a database, but the dmconfig.ini file is write-protected.
Solution	Turn off write-protection for the dmconfig.ini file and try to create the database again.

Table 4-163 Error Message 8008

ERROR 8009	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	configuration file does not exist
Argument	None
Description	DBMaker could not find the file in its search path when it tried to update or insert data in the dmconfig.ini file.
Solution	Make sure that the dmconfig.ini file exists within a directory in the search path.

Table 4-164 Error Message 8009

ERROR 8010	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	configuration file close failed
Argument	None
Description	The dmconfig.ini file was opened and could not be closed.
Solution	This is an operating system error. Check to ensure that the file was not deleted, moved, or write-protected while it was in use. If the file is okay, retry executing the command that caused the error.

Table 4-165 Error Message 8010

ERROR 8011	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	I/O error writing configuration file
Argument	None
Description	None

Table 4-166 Error Message 8011

ERROR 8012	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot set DB_DBDIR to current directory, directory length may be too long
Argument	None
Description	The maximum length of the current path is 70. Try to use another path to the current directory.

Table 4-167 Error Message 8012

ERROR 8014	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	no default installed directory
Argument	None
Description	While installing DBMaker on a Unix platform, the setup program cannot find the default directory entry for the default DBMaker user "dbmaker". Cannot find default directory entry for user dbmaker
Solution	Reinstall DBMaker.

Table 4-168 Error Message 8014

ERROR 8030	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot open temp file to backup configuration file
Argument	None
Description	DBMaker tried to back up the dmconfig.ini file, but does not have the privileges to create files in the backup directory
Solution	Make sure that you have the privileges to create files in the backup directory.

Table 4-169 Error Message 8030

ERROR 8031	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find backup ID in backup history file
Argument	None
Description	You tried to restore a database from a backup with Server Manager, but Server Manager cannot find the backup ID in the history file because the file was backed up manually.
Solution	Make sure that you remember the relationship between the backup ID and the backup file when you do manual backups, so you can give the correct files to Server Manager. Otherwise, Server Manager may fail to properly restore files from a backup.

Table 4-170 Error Message 8031

ERROR 8032	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22018
Error Message	invalid hex format
Argument	None
Description	None

Table 4-171 Error Message 8032

ERROR 8040	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot move old backup history file to back file
Argument	None
Description	You do not have the proper privileges to read the old backup history file or to write to a .bak file.
Solution	Make sure that you have the proper privileges to read or write the related files.

Table 4-172 Error Message 8040

ERROR 8050	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid datetime format
Argument	None
Description	None

Table 4-173 Error Message 8050

ERROR 8051	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid datetime format (invalid date format delimiter)
Argument	None
Description	This error is returned when the datetime format delimiter is invalid.

Table 4-174 Error Message 8051

ERROR 8052	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	datetime field overflow (invalid the date value)
Argument	None
Description	None

Table 4-175 Error Message 8052

ERROR 8053	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	datetime field overflow (invalid the date integer)
Argument	None
Description	None

Table 4-176 Error Message 8053

ERROR 8054	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid datetime format
Argument	None
Description	None

Table 4-177 Error Message 8054

ERROR 8055	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid datetime format (invalid time format delimiter)
Argument	None
Description	None

Table 4-178 Error Message 8055

ERROR 8056	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	datetime field overflow (invalid time value)
Argument	None
Description	None

Table 4-179 Error Message 8056

ERROR 8057	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid time integer
Argument	None
Description	None

Table 4-180 Error Message 8057

ERROR 8058	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid datetime format
Argument	None
Description	None

Table 4-181 Error Message 8058

ERROR 8059	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	datetime field overflow (the timestamp value is invalid)
Argument	None
Description	None

Table 4-182 Error Message 8059

ERROR 8060	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid datetime interval
Argument	None
Description	None

Table 4-183 Error Message 8060

ERROR 8061	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22007
Error Message	invalid weekday specified
Argument	None
Description	None

Table 4-184 Error Message 8061

ERROR 8063	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid format
Argument	None
Description	This is a general error for an invalid string format.

Table 4-185 Error Message 8063

ERROR 8064	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	keyword value unmatched double quotes
Argument	keyword value
Description	A pair of double quotes should encase a keyword value with spaces. If there is only a left quotation mark ("), and no right quotation mark ("), this error code is returned.

Table 4-186 Error Message 8064

ERROR 8066	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	There is an incompatible local code setting between the client and server
Argument	None
Description	1.The client and server have a different DB_LCODE 2. The client connects to two servers with a different DB_LCODE.

Table 4-187 Error Message 8066

ERROR 8067	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	The field positions in the description file encountered error(s) when parsing the fields.
Argument	None
Description	1.For variable format files, check if the field position is correct. 2.For fixed format files, check if the field position causes overpass.

Table 4-188 Error Message 8067

ERROR 8068	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	password value is too long in dmconfig.ini
Argument	None
Description	None

Table 4-189 Error Message 8068

ERROR 8069	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	key length of AES must be 16, 24, 32
Argument	None
Description	None

Table 4-190 Error Message 8069

4.22 Error Messages 8325-8349

ERROR 8325	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	result overflow during evaluation
Argument	None
Description	This error is returned when the maximum value for a data type has been exceeded.

Table 4-191 Error Message 8325

ERROR 8326	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY019
Error Message	result underflow during evaluation
Argument	None
Description	This error is returned when the minimum value for a data type has not been meet.

Table 4-192 Error Message 8326

ERROR 8327	
ODBC Return Code	SQL_ERROR
ODBC SQL State	22012
Error Message	divide by zero
Argument	None
Description	This error is returned when a user attempts to divide by zero.

Table 4-193 Error Message 8327

ERROR 8328	
ODBC Return Code	SQL_ERROR
ODBC SQL State	01004
Error Message	result data truncated during evaluation
Argument	None
Description	This error is returned when the result data has been truncated during evaluation.

Table 4-194 Error Message 8328

ERROR 8329	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	data type is incompatible with column type: cannot do type conversion
Argument	None
Description	This error is returned because the data type is incompatible with the column type in a table.

Table 4-195 Error Message 8329

ERROR 8330	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	building multiple index scan keys requires too much memory
Argument	None
Description	The size of the condition list specified is too large to build multiple index scan keys.
Example	SELECT col1 from table1 where col1 IN (1, 3,...,99999); The number of multiple index scan keys (1, 3, 5,,99999) exceeds the system limitations for DBMaker.
Solution	Reduce the size of the condition list for building multiple index scan keys.

Table 4-196 Error Message 8330

ERROR 8332	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	expression or predicate needs too large memory
Argument	None
Description	The expression or predicate needs too much memory to perform a comparison. It has exceeded the system limitations for DBMaker.
Solution	Reduce the size of the expression or predicate when doing conditional evaluation.

Table 4-197 Error Message 8332

ERROR 8333	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	constant data in expression or predicate is too large (over 64KB)
Argument	None
Description	The expression or predicate constant data is too large (over 64KB).
Example	Select * from t1 where c1=DATA; and DATA is a very large string (over 64 KB)

Table 4-198 Error Message 8333

ERROR 8334	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	host data in expression or predicate is too large (over 64KB)
Argument	None
Description	The expression or predicate host data is too large (over 64KB).
Example	Select * from t1 where c1=?; and put a very large string host data (over 64 KB)

Table 4-199 Error Message 8334

ERROR 8335	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	key data in expression or predicate is too large (over 64KB)
Argument	None
Description	An expression or predicate index key data is too large (over 64KB).
Example	Select * from t1 where c1=DATA; use index scan on c1, and DATA is a very large string (over 64KB).

Table 4-200 Error Message 8335

ERROR 8336	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	character/binary data truncated during internal conversion
Argument	None
Description	Data was truncated while performing a character to binary data conversion or vise versa, because of size differences.
Solution	Avoid transferring data between character and binary fields with different lengths.

Table 4-201 Error Message 8336

ERROR 8337	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	table constraint violation
Argument	None
Description	This error is returned when there has been a table constraint violation.

Table 4-202 Error Message 8337

ERROR 8338	
ODBC Return Code	SQL_ERROR
ODBC SQL State	23000
Error Message	A column constraint violation has occurred
Argument	which column violate
Description	A column constraint violation occurred.

Table 4-203 Error Message 8338

ERROR 8340	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	built-in function does not accept BLOB type for host argument
Argument	None
Description	This error is returned when a built-in function does not accept the BLOB data type for the host argument.

Table 4-204 Error Message 8340

ERROR 8341	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	function argument is out of range or invalid
Argument	None
Description	You gave an invalid argument value to a built-in function.
Solution	Call the function again using valid argument values.

Table 4-205 Error Message 8341

ERROR 8342	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	host variable in expression/predicate does not allow NULL data
Argument	None
Description	The expression or predicate host data does not allow NULL data.
Example	Example 1: update t1 set c1 = 2 where c2 = ?; Example 2: NULL

Table 4-206 Error Message 8342

ERROR 8344	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	host variable in expression/predicate does not allow DEFAULT data
Argument	None
Description	The expression or predicate host data does not allow DEFAULT data.
Example	Example 1: update t1 set c1 = 2 where c2 = ?; Example 2: DEFAULT

Table 4-207 Error Message 8344

ERROR 8345	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	invalid match pattern
Argument	None
Description	There are two reasons why this error will occur; the pattern contains invalid Boolean operators: 'a & b', '(a b' or the pattern length is too long.

Table 4-208 Error Message 8345

ERROR 8346	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unable to cast source type to target type, they are incompatible
Argument	no argument
Description	consult DBMaker manuals for compatible type casting operations

Table 4-209 Error Message 8346

ERROR 8347	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unable to cast due to invalid source data
Argument	None
Description	Either the source data format is incorrect or the source data being used is outside of the valid range,
Solution	Check documentation for the correct usage of the data source format and the valid ranges.

Table 4-210 Error Message 8347

ERROR 8348	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	host data in expression index column is too large (over 256 Bytes)
Argument	None
Description	None

Table 4-211 Error Message 8348

ERROR 8349	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	total length of index key exceeds maximum length (1024 Bytes)
Argument	None
Description	None

Table 4-212 Error Message 8348

4.23 Error Messages 8401-8410

ERROR 8401	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	could not find Java 2 Runtime Environment
Argument	no argument
Description	DBMaker could not find the Java 2 Runtime Environment on your system.

Table 4-213 Error Message 8401

ERROR 8402	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	could not find a JVM
Argument	no argument
Description	DBMaker could not find a Java Virtual Machine on your system.

Table 4-214 Error Message 8402

ERROR 8403	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	could not load JVM
Argument	no argument
Description	DBMaker could not load a Java Virtual Machine onto your system.

Table 4-215 Error Message 8403

ERROR 8404	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	JVM version incompatible
Argument	no argument
Description	The Java Virtual Machine version on your system is incompatible with the java tools requirements.

Table 4-216 Error Message 8404

ERROR 8405	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	failed to create JVM
Argument	no argument
Description	There was a failure to create the Java Virtual Machine when launching the application.

Table 4-217 Error Message 8405

ERROR 8406	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	failed to attach current thread to JVM
Argument	no argument
Description	There was a failure to attach the current thread to the Java Virtual Machine.

Table 4-218 Error Message 8406

ERROR 8407	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	failed to call GetCreatedJavaVM
Argument	no argument
Description	A failure has occurred while calling the GetCreatedJavaVM command.

Table 4-219 Error Message 8407

ERROR 8408	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	cannot find JNI interfaces
Argument	no argument
Description	A failure has occurred locating the Java Native Interface.

Table 4-220 Error Message 8408

ERROR 8409	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	unknown error from JVM GetEnv
Argument	no argument
Description	An unknown error has occurred from the Java Virtual Machine command GetEnv.

Table 4-221 Error Message 8409

ERROR 8410	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Error Message	could not open jvm.cfg
Argument	no argument
Description	could not open jvm.cfg

Table 4-222 Error Message 8410

4.24 Error Messages 9150-9608

ERROR 9150	
ODBC Return Code	SQL_ERROR
ODBC SQL State	S1000
Error Message	error happens during system call
Argument	None
Description	None

Table 4-223 Error Message 9150

ERROR 9600	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	No tape in the tape drive
Argument	None
Description	None

Table 4-224 Error Message 9600

ERROR 9601	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	reach end of tape
Argument	None
Description	None

Table 4-225 Error Message 9601

ERROR 9602	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	no file in the tape
Argument	None
Description	None

Table 4-226 Error Message 9602

ERROR 9603	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	other tape error
Argument	None
Description	None

Table 4-227 Error Message 9603

ERROR 9604	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	Database MARK mismatch
Argument	None
Description	None

Table 4-228 Error Message 9600

ERROR 9605	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	BACKUP TYPE mismatch
Argument	None
Description	None

Table 4-229 Error Message 9605

ERROR 9606	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	general error
Argument	None
Description	None

Table 4-230 Error Message 9606

ERROR 9607	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	tape device not ready
Argument	None
Description	None

Table 4-231 Error Message 9607

ERROR 9608	
ODBC Return Code	SQL_SUCCESS
ODBC SQL State	Null
Error Message	Not support tape device yet
Argument	None
Description	Tapedevices are not supported yet but will be in future versions.

Table 4-232 Error Message 9608

5 Abort Messages

This chapter lists all abort error messages that may be returned by DBMaker. Abort error messages indicate that the execution of a transaction has terminated due to some unexpected condition. Some operation in the transaction has encountered a problem that caused DBMaker to abort the transaction. The cause of the error is indicated by the error message. Some modifications to the transaction or the database settings are required before resubmitting the transaction.

5.1 **Abort Messages 10105-18065**

ERROR 10105	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY001
Abort Message	out of memory, transaction aborted
Argument	None
Description	A transaction was aborted because the operating system has run out of memory.
Solution	Kill some unused processes or add additional memory.

Table 5-1 Abort Message 10105

ERROR 10329	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	rollback transaction due to put BLOB data error
Argument	error source message
Description	If the first time a BLOB has been put successfully, any error putting data the next time will be changed to this error. The processes will rollback the whole transaction, and the real error will be appended to it.

Table 5-2 Abort Message 10329

ERROR 10851	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	invalid value in configuration file
Argument	invalid value, keyword and valid value range
Description	There is an invalid keyword value in the dmconfig.ini file.
Solution	Refer to the " <i>Database Administrator's Guide</i> " for the valid range of parameters for keywords.

Table 5-3 Abort Message 10851

ERROR 11011	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	error while access shared memory
Argument	None
Description	There was an error allocating or mapping shared memory.
Solution	Shut down the database and restart it.

Table 5-4 Abort Message 11011

ERROR 11016	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	no internal savepoint, transaction rolled back because of an error
Argument	None
Description	An SQL internal error that misses the definition for an internal save point, or an error on a put BLOB

Table 5-5 Abort Message 11011

ERROR 11206	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	cannot create/open a file
Argument	file name
Description	DBMaker cannot locate files belonging to the database you want to connect to.
Solution	Make sure the file exists and the path is correct in the dmconfig.ini file.

Table 5-6 Abort Message 11206

ERROR 11207	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	cannot close a file
Argument	file The OS may have encountered an internal error. name
Description	

Table 5-7 Abort Message 11207

ERROR 11208	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	cannot read a file
Argument	file name
Description	The OS may have encountered an internal error.

Table 5-8 Abort Message 11208

ERROR 11209	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	cannot write a file. Make sure the disk is not full or write-protected.
Argument	file name
Description	The OS may have encountered an internal error.

Table 5-9 Abort Message 11209

ERROR 11210	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	file permission denied
Argument	file name
Description	Please make sure you have permission to access this file.

Table 5-10 Abort Message 11210

ERROR 11211	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	no disk space or quota
Argument	file name
Description	The disk is full. Remove unnecessary files to regain disk space.

Table 5-11 Abort Message 11211

ERROR 11212	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	too many files opened
Argument	file name
Description	Close other unused files or configure your system to enlarge the maximum allowed number of opened files.

Table 5-12 Abort Message 11212

ERROR 11213	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	file or directory does not exist
Argument	file name
Description	Make sure the correct file or directory name has been entered.

Table 5-13 Abort Message 11213

ERROR 11214	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	file system error during a file sync operation
Argument	file name
Description	The OS may have encountered an internal error.

Table 5-14 Abort Message 11214

ERROR 11215	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	file system error while seeking position in file
Argument	file name
Description	Your operating system may have encountered an internal error.

Table 5-15 Abort Message 11215

ERROR 11217	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	file system error during a file truncate operation
Argument	file name
Description	The operating system may have encountered an internal error.

Table 5-16 Abort Message 11217

ERROR 11218	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	file system error because of the argument is incorrect
Argument	file name
Description	The operating system may have encountered an internal error.

Table 5-17 Abort Message 11217

ERROR 11219	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	not a valid file handle open for reading or writing
Argument	file name
Description	The operating system may have encountered an internal error.

Table 5-18 Abort Message 11219

ERROR 11220	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	Cannot create files due to the file-size resource limit
Argument	file name
Description	Attempts to write a file past the maximum file size in any file system format will fail.

Table 5-19 Abort Message 11220

ERROR 11221	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	Open/Close zip file error
Argument	file name
Description	Open/Close zip file error.

Table 5-20 Abort Message 11221

ERROR 11222	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	Read/Write zip file error
Argument	file name
Description	Read/Write zip file error

Table 5-21 Abort Message 11222

ERROR 11311	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	journal full: transaction has been aborted
Argument	None
Description	Your current transaction has been aborted because there are too many active transactions and the journal has run out of free space. All operations in your aborted transaction will be lost.
Solution	If the system is in NONBACKUP mode, you should try to decrease the number of operations in a transaction. Alternatively, you can resize the journal file (see Error 1310 for information on how to do this). If your system is in BACKUP mode, you need to perform a full backup or an incremental backup.

Table 5-22 Abort Message 11311

ERROR 11312	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	no valid journal status block during crash recovery
Argument	None
Description	You are trying to recover a crashed database, but the journal files have no valid journal status blocks.
Solution	Give DBMaker a valid set of journal files so it can complete crash recovery. If you do not have any valid journal files, crash recovery will fail.

Table 5-23 Abort Message 11312

ERROR 11314	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	too many invalid pages to recover database
Argument	None
Description	DBMaker was attempting to recover the database after a crash, but there were too many invalid pages to complete the recovery. This error may occur if crash recovery is performed using the wrong data file.
Solution	Ensure DBMaker is using the correct data file to perform crash recovery. If the correct data file is being used and you still receive this error, try using a backup data file, or use forced startup mode. If you use a backup data file, you will lose the data that was entered from the time of the backup for all transactions that have been flushed from the journal. If you still cannot get the database to start, consult with CASEMaker support personnel.

Table 5-24 Abort Message 11314

ERROR 11315	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	invalid pages found during recovery
Argument	None
Description	DBMaker was attempting to recover the database after a crash and found an invalid page in the database.
Solution	Ensure DBMaker is using the correct data file to perform crash recovery. If the correct data file is being used and you still receive this error, try using a backup data file, or use forced startup mode. If you use a backup data file, you will lose the data that was entered from the time of the backup for all transactions that have been flushed from the journal. If you still cannot get the database to start, consult with CASEMaker support personnel.

Table 5-25 Abort Message 11315

ERROR 11421	
ODBC Return Code	SQL_ERROR
ODBC SQL State	40001
Abort Message	deadlock: transaction rollback
Argument	None
Description	The transaction has been rolled back due to a deadlock. Reference the Database Administrator's Guide for information on how to avoid deadlocks.

Table 5-26 Abort Message 11421

ERROR 11604	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	data/index page contains invalid data, transaction rollback
Argument	None
Description	The database file could have been damaged. The transaction has been rolled back.

Table 5-27 Abort Message 11604

ERROR 11605	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	got a damaged page: timestamp on page end is not the same as timestamp on page header, transaction rollback
Argument	None
Description	The database file could have been damaged. The transaction has been rolled back.

Table 5-28 Abort Message 11605

ERROR 13007	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	cannot continue checking because a serious error was found, transaction was aborted
Argument	None
Description	The DBCC stopped checking and aborted the transaction because of a serious error.

Table 5-29 Abort Message 13007

ERROR 16209	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	abort distributed transaction by remote connection error
Argument	remote database cause tx failed
Description	Abort distributed transaction by remote connection error.

Table 5-30 Abort Message 16209

ERROR 18065	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Abort Message	cannot init unicode mapping array, it's either out of memory or cannot read codepage file
Argument	None
Description	1. The unicode codepage file is either missing or corrupted 2. The system ran out of memory when initializing a unicode mapping array

Table 5-31 Abort Message 18065

6 Disconnect Messages

This chapter lists all disconnect error messages that may be returned by DBMaker. Disconnect error messages indicate that the execution of a transaction has terminated due to some unexpected condition. Some operation in the transaction has encountered a problem that caused DBMaker to abort the transaction and close the connection to the database. The cause of the error is indicated by the error message. The user must reconnect to the database and make some modifications to the transaction or the database settings in order for the transaction to complete successfully.

6.1 Disconnect Messages 20901-21012

ERROR 20901	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	database terminated
Argument	None
Description	Another user has restarted the database that you were using.
Solution	Restart the database if your privilege level is high enough, or consult a System Administrator to determine why the database was terminated.

Table 6-1 Disconnect Message 20901

ERROR 20904	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	invalid shared memory, shared memory may be allocated by another application or there may be an internal error
Argument	None
Description	DBMaker tried to access the shared memory allocated by the DCCA, but the contents have been modified by another application program, or there was an internal error when the DCCA memory was last accessed by DBMaker.
Solution	Restart the database.

Table 6-2 Disconnect Message 20904

Disconnect Messages 6

ERROR 20906	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	connection was killed
Argument	None
Description	This error is returned when another process has killed the current connection.

Table 6-3 Disconnect Message 20906

ERROR 20908	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	user not connected or has been disconnected
Argument	None
Description	None

Table 6-4 Disconnect Message 20908

ERROR 20911	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	connection was killed by terminating database
Argument	None
Description	The connection was killed while terminating the database.

Table 6-5 Disconnect Message 20911

ERROR 20912	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	incompatible version between application program and database server
Argument	version of two processes (information from ENG)
Description	The versions of the AP and the database server (or client and server) are incompatible.

Table 6-6 Disconnect Message 20912

ERROR 20914	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	registry file not found or cannot open registry file
Argument	registry file name
Description	The DBMaker registry file is missing. It might have been deleted.

Table 6-7 Disconnect Message 20914

ERROR 20915	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	invalid data in registry file
Argument	None
Description	The DBMaker registry file content is invalid. An incorrect file might have been specified.

Table 6-8 Disconnect Message 20915

Disconnect Messages 6

ERROR 20916	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	number of connections exceeds user license
Argument	the number of connecting users
Description	The total number of client users exceeds the system allowed user licenses.

Table 6-9 Disconnect Message 20916

ERROR 20917	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	invalid serial number in registry file
Argument	None
Description	None

Table 6-10 Disconnect Message 20917

ERROR 20919	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	connection was killed during operation
Argument	None
Description	The connection was killed while performing a database operation.

Table 6-11 Disconnect Message 20919

ERROR 21003	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	user interrupted processing with BREAK key
Argument	None
Description	None

Table 6-12 Disconnect Message 21003

ERROR 21012	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	error while unmapping database shared memory
Argument	None
Description	DBMaker encountered an error while trying to free shared memory.
Solution	Restart the database.

Table 6-13 Disconnect Message 21012

6.2 Disconnect Messages 21521-25350

ERROR 21521	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08S01
Disconnect Message	cannot send data to server
Argument	None
Description	This error is returned when the server has crashed or the network is broken.

Table 6-14 Disconnect Message 21521

ERROR 21522	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08S01
Disconnect Message	cannot read data from server
Argument	None
Description	This error is returned when the server has crashed or the network is broken.

Table 6-15 Disconnect Message 21522

ERROR 21523	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	cannot send data to client
Argument	None
Description	This error is returned when the client system has crashed or the network is broken.

Table 6-16 Disconnect Message 21523

ERROR 21524	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	cannot read data from client
Argument	None
Description	This error is returned when the client system has crashed or the network is broken.

Table 6-17 Disconnect Message 21524

ERROR 21525	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	cannot send data to server, because of queue overflow
Argument	None
Description	None

Table 6-18 Disconnect Message 21525

ERROR 21526	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	cannot read data from client, because of queue underflow
Argument	None
Description	None

Table 6-19 Disconnect Message 21526

Disconnect Messages 6

ERROR 21527	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	invalid request block
Argument	None
Description	None

Table 6-20 Disconnect Message 21527

ERROR 21528	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	server cannot fork process
Argument	None
Description	This error is return when there is insufficient to complete the process.

Table 6-21 Disconnect Message 21528

ERROR 21529	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	incompatible setting between database name and port number
Argument	None
Description	This error is returned while trying to connect to XXX database at port number AAA, the database at port number AAA is YYY, not XXX.

Table 6-22 Disconnect Message 21529

ERROR 21530	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	keyword entry(DB_PTNUM) is required in configuration file
Argument	None
Description	The DB_PTNUM keyword was not defined in the dmconfig.ini file.

Table 6-23 Disconnect Message 21530

ERROR 21531	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Disconnect Message	invalid port number
Argument	None
Description	The valid port number range is 1025 ~ 65535

Table 6-24 Disconnect Message 21531

ERROR 25350	
ODBC Return Code	SQL_ERROR
ODBC SQL State	08S01
Disconnect Message	connection already broken, database may already be shutdown or network may have failed
Argument	None
Description	This error will only be returned in the client/sever environment. While a client is connecting to the server the server is shutdown or a network hardware connection problem occurs.

Table 6-25 Disconnect Message 25350

7 Crash Messages

This section lists all crash error messages that may be returned by DBMaker. Crash error messages indicate the execution of a transaction that has terminated due to some unexpected condition. Some operation in the transaction has encountered a problem that caused DBMaker to abort all pending transactions for all users and shut down the database. The cause of the error is indicated by the error message. To correct the problem, restart the database and make some modifications to the transaction or the database settings in order for the transaction to complete successfully.

7.1 **Crash Messages 30001-30017**

ERROR 30001	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Crash Message	journal file or data file is corrupted, shut down database
Argument	None
Description	None

Table 7-1 Crash Message 30001

ERROR 30002	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Crash Message	a journal record contains invalid data, shut down database
Argument	None
Description	None

Table 7-2 Crash Message 30002

ERROR 30003	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Crash Message	a journal block contains invalid data, shut down database
Argument	None
Description	None

Table 7-3 Crash Message 30003

ERROR 30004	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Crash Message	invalid offset of a journal record, shut down database
Argument	None
Description	None

Table 7-4 Crash Message 30004

ERROR 30017	
ODBC Return Code	SQL_ERROR
ODBC SQL State	HY000
Crash Message	errors happened on no-journal mode, shutdown database
Argument	None
Description	None

Table 7-5 Crash Message 30017