

BDE Error Codes

APPENDIX

B

When working with the Borland Database Engine, occasionally you'll receive an error dialog box indicating that some error has occurred in the engine. Most commonly, this happens when customers or clients install your software on their machines and they have some configuration problems with their machines that you're trying to track down for them. Typically, the aforementioned error dialog box provides you with a hexadecimal error code as the description of the error. The question is how to turn that number into a meaningful error message. In order to help you with this task, we've provided the following table. Table B.1 lists all the possible BDE error codes as well as the BDE error strings associated with these error codes.

TABLE B.1 BDE Error Codes

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
0	0000	Successful completion.
33	0021	System error.
34	0022	Object of interest not found.
35	0023	Physical data corruption.
36	0024	I/O-related error.
37	0025	Resource or limit error.
38	0026	Data integrity violation.
39	0027	Invalid request.
40	0028	Lock violation.
41	0029	Access/security violation.
42	002A	Invalid context.
43	002B	OS error.
44	002C	Network error.
45	002D	Optional parameter.
46	002E	Query processor.
47	002F	Version mismatch.
48	0030	Capability not supported.
49	0031	System configuration error.
50	0032	Warning.
51	0033	Miscellaneous.
52	0034	Compatibility error.
62	003E	Driver-specific error.
63	003F	Internal symbol.
256	0100	KEYVIOL.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
257	0101	PROBLEMS.
258	0102	CHANGED.
512	0200	Production index file missing, corrupt, or cannot interpret index key.
513	0201	Open read-only.
514	0202	Open the table in read-only mode.
515	0203	Open and detach.
516	0204	Open the table and detach the production index file.
517	0205	Fail open.
518	0206	Do not open the table.
519	0207	Convert non-dBASE index.
520	0208	Convert production index to dBASE format.
521	0209	BLOB file not found.
522	020A	Open without BLOB file.
523	020B	Open the table without the BLOB file.
524	020C	Empty all BLOB fields.
525	020D	Reinitialize BLOB file and lose all BLOBs.
526	020E	Fail open.
527	020F	Do not open the table.
528	0210	Import non-dBASE BLOB file.
529	0211	Import BLOB file to dBASE format.
530	0212	Open as non-dBASE table.
531	0213	Open table and BLOB file in its native format.
532	0214	Production index language driver mismatch.
533	0215	Production index damaged.
534	0216	Rebuild production index.
535	0217	Rebuild all the production indexes.
1024	0400	Lookup table not found or corrupt.
1025	0401	BLOB file not found or corrupt.
1026	0402	Open read-only.
1027	0403	Open the table in read-only mode.
1028	0404	Fail open.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
1029	0405	Do not open the table.
1030	0406	Remove lookup.
1031	0407	Remove link to lookup table.
1280	0500	Dictionary object exists.
1281	0501	Skip this object.
1282	0502	Skip importing this object and its associated relationships.
1283	0503	Use existing object.
1284	0504	Use existing dictionary object for relationships.
1285	0505	Abort.
1286	0506	Abort the operation.
1287	0507	Dictionary object import failed.
4608	1200	SQL Unknown.
4609	1201	SQL Prepare.
4610	1202	SQL Execute.
4611	1203	SQL Error.
4612	1204	SQL STMT.
4613	1205	SQL Connect.
4614	1206	SQL Transact.
4615	1207	SQL BLOB I/O.
4616	1208	SQL Misc.
4617	1209	SQL Vendor.
4618	120A	ORACLE - orlon.
4619	120B	ORACLE - olon.
4620	120C	ORACLE - ologof.
4621	120D	ORACLE - ocon.
4622	120E	ORACLE - ocof.
4623	120F	ORACLE - oopen.
4624	1210	ORACLE - osql3.
4625	1211	ORACLE - odsc.
4626	1212	ORACLE - odefin.
4627	1213	ORACLE - obndrv.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
4628	1214	ORACLE - obndrvn.
4629	1215	ORACLE - oexec.
4630	1216	ORACLE - ofetch.
4631	1217	ORACLE - ofen.
4632	1218	ORACLE - ocan.
4633	1219	ORACLE - oclose.
4634	121A	ORACLE - oerhms.
4635	121B	ORACLE - oparse.
4636	121C	ORACLE - oflng.
4637	121D	ORACLE - odessp.
4638	121E	ORACLE - odescr.
4639	121F	ORACLE - oexn.
4648	1228	INTRBASE - isc_attach_database.
4649	1229	INTRBASE - isc_blob_default_desc.
4650	122A	INTRBASE - isc_blob_gen_bpb.
4651	122B	INTRBASE - isc_blob_info.
4652	122C	INTRBASE - isc_blob_lookup_desc.
4653	122D	INTRBASE - isc_close_blob.
4654	122E	INTRBASE - isc_commit_retaining.
4655	122F	INTRBASE - isc_commit_transaction.
4656	1230	INTRBASE - isc_create_blob.
4657	1231	INTRBASE - isc_create_blob2.
4658	1232	INTRBASE - isc_decode_date.
4659	1233	INTRBASE - isc_detach_database.
4660	1234	INTRBASE - isc_dsql_allocate_statement.
4661	1235	INTRBASE - isc_dsql_execute.
4662	1236	INTRBASE - isc_dsql_execute2.
4663	1237	INTRBASE - isc_dsql_fetch.
4664	1238	INTRBASE - isc_dsql_free_statement.
4665	1239	INTRBASE - isc_dsql_prepare.
4666	123A	INTRBASE - isc_dsql_set_cursor_name.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
4667	123B	INTRBASE - isc_dsqli_sql_info.
4668	123C	INTRBASE - isc_encode_date.
4669	123D	INTRBASE - isc_get_segment.
4670	123E	INTRBASE - isc_interprete.
4671	123F	INTRBASE - isc_open_blob.
4672	1240	INTRBASE - isc_open_blob2.
4673	1241	INTRBASE - isc_put_segment.
4674	1242	INTRBASE - isc_rollback_transaction.
4675	1243	INTRBASE - isc_sqlcode.
4676	1244	INTRBASE - isc_start_transaction.
4677	1245	INTRBASE - isc_vax_integer.
4688	1250	MSSQL - dbbind.
4689	1251	MSSQL - dbcmd.
4690	1252	MSSQL - dbcancel.
4691	1253	MSSQL - dbclose.
4692	1254	MSSQL - dbcollen.
4693	1255	MSSQL - dbcolname.
4694	1256	MSSQL - dbcoltype.
4695	1257	MSSQL - dbconvert.
4696	1258	MSSQL - dbdataready.
4697	1259	MSSQL - dbdatlen.
4698	125A	MSSQL - dberhandle.
4699	125B	MSSQL - dbfreebuf.
4700	125C	MSSQL - dbfreelogin.
4701	125D	MSSQL - dbhasretstat.
4702	125E	MSSQL - dbinit.
4703	125F	MSSQL - dblogin.
4704	1260	MSSQL - dbmoretext.
4705	1261	MSSQL - dbmsghandle.
4706	1262	MSSQL - dbnextrow.
4707	1263	MSSQL - dbnumcols.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
4708	1264	MSSQL - dbnumrets.
4709	1265	MSSQL - dbopen.
4710	1266	MSSQL - dbresults.
4711	1267	MSSQL - dbretdata.
4712	1268	MSSQL - dbretlen.
4713	1269	MSSQL - dbretstatus.
4714	126A	MSSQL - dbrpcinit.
4715	126B	MSSQL - dbrpcparam.
4716	126C	MSSQL - dbrpcsend.
4717	126D	MSSQL - dbsetlogintime.
4718	126E	MSSQL - dbsetmaxprocs.
4719	126F	MSSQL - dbsetopt.
4720	1270	MSSQL - dbsettime.
4721	1271	MSSQL - dbsqlexec.
4722	1272	MSSQL - dbsqllok.
4723	1273	MSSQL - dbsqlsend.
4724	1274	MSSQL - dbtxptr.
4725	1275	MSSQL - dbtxtimestamp.
4726	1276	MSSQL - dbtxtsnewval.
4727	1277	MSSQL - dbuse.
4728	1278	MSSQL - dbwinexit.
4729	1279	MSSQL - dbwritetext.
4738	1282	ODBC - SQLAllocConnect.
4739	1283	ODBC - SQLAllocEnv.
4740	1284	ODBC - SQLAllocStmt.
4741	1285	ODBC - SQLBindCol.
4742	1286	ODBC - SQLBindParameter.
4743	1287	ODBC - SQLCancel.
4744	1288	ODBC - SQLColumns.
4745	1289	ODBC - SQLConnect.
4746	128A	ODBC - SQLDataSources.

B**BDE ERROR
CODES***continues*

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
4747	128B	ODBC - SQLDescribeCol.
4748	128C	ODBC - SQLDisconnect.
4750	128E	ODBC - SQLError.
4751	128F	ODBC - SQLExecDirect.
4752	1290	ODBC - SQLExtendedFetch.
4753	1291	ODBC - SQLFetch.
4754	1292	ODBC - SQLFreeConnect.
4755	1293	ODBC - SQLFreeEnv.
4756	1294	ODBC - SQLFreeStmt.
4757	1295	ODBC - SQLGetConnectOption.
4758	1296	ODBC - SQLGetCursorName.
4760	1298	ODBC - SQLGetFunctions.
4761	1299	ODBC - SQLGetInfo.
4762	129A	ODBC - SQLGetTypeInfo.
4763	129B	ODBC - SQLNumResultCols.
4764	129C	ODBC - SQLProcedures.
4765	129D	ODBC - SQLProcedureColumns.
4766	129E	ODBC - SQLRowCount.
4767	129F	ODBC - SQLSetConnectOption.
4768	12A0	ODBC - SQLSetCursorName.
4769	12A1	ODBC - SQLSetParam.
4770	12A2	ODBC - SQLSetStmtOption.
4771	12A3	ODBC - SQLStatistics.
4772	12A4	ODBC - SQLTables.
4773	12A5	ODBC - SQLTransact.
4788	12B4	SYBASE - dbbind.
4789	12B5	SYBASE - dbcmd.
4790	12B6	SYBASE - dbcancel.
4791	12B7	SYBASE - dbclose.
4792	12B8	SYBASE - dbcollen.
4793	12B9	SYBASE - dbcolname.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
4794	12BA	SYBASE - dbcoltype.
4795	12BB	SYBASE - dbconvert.
4796	12BC	SYBASE - dbpoll.
4797	12BD	SYBASE - dbdatlen.
4798	12BE	SYBASE - dberrhandle.
4799	12BF	SYBASE - dbfreebuf.
4800	12C0	SYBASE - dbloginfree.
4801	12C1	SYBASE - dbhasretstat.
4802	12C2	SYBASE - dbinit.
4803	12C3	SYBASE - dblogin.
4804	12C4	SYBASE - dbmoretext.
4805	12C5	SYBASE - dbmsghandle.
4806	12C6	SYBASE - dbnextrow.
4807	12C7	SYBASE - dbnumcols.
4808	12C8	SYBASE - dbnumrets.
4809	12C9	SYBASE - dbopen.
4810	12CA	SYBASE - dbresults.
4811	12CB	SYBASE - dbretdata.
4812	12CC	SYBASE - dbretlen.
4813	12CD	SYBASE - dbretstatus.
4814	12CE	SYBASE - dbrpcinit.
4815	12CF	SYBASE - dbrpcparam.
4816	12D0	SYBASE - dbrpcsend.
4817	12D1	SYBASE - dbsetlogintime.
4818	12D2	SYBASE - dbsetmaxprocs.
4819	12D3	SYBASE - dbsetopt.
4820	12D4	SYBASE - dbsettime.
4821	12D5	SYBASE - dbsqlexec.
4822	12D6	SYBASE - dbsqllok.
4823	12D7	SYBASE - dbsqlsend.
4824	12D8	SYBASE - dbtxptr.

B**BDE ERROR
CODES***continues*

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
4825	12D9	SYBASE - dbtxtimestamp.
4826	12DA	SYBASE - dbtxtsnewval.
4827	12DB	SYBASE - dbuse.
4828	12DC	SYBASE - dbwinexit.
4829	12DD	SYBASE - dbwritetext.
4830	12DE	SYBASE - dbcount.
4831	12DF	SYBASE - dbdead.
4942	134E	Unmapped SQL error code.
8449	2101	Cannot open a system file.
8450	2102	I/O error on a system file.
8451	2103	Data structure corruption.
8452	2104	Cannot find engine configuration file.
8453	2105	Cannot write to engine configuration file.
8454	2106	Cannot initialize with different configuration file.
8455	2107	System has been illegally reentered.
8456	2108	Cannot locate IDAPI32.DLL.
8457	2109	Cannot load IDAPI32.DLL.
8458	210A	Cannot load an IDAPI service library.
8459	210B	Cannot create or open temporary file.
8705	2201	At beginning of table.
8706	2202	At end of table.
8707	2203	Record moved because key value changed.
8708	2204	Record/key deleted.
8709	2205	No current record.
8710	2206	Could not find record.
8711	2207	End of BLOB.
8712	2208	Could not find object.
8713	2209	Could not find family member.
8714	220A	BLOB file is missing.
8715	220B	Could not find language driver.
8961	2301	Corrupt table/index header.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
8962	2302	Corrupt file - other than header.
8963	2303	Corrupt memo/BLOB file.
8965	2305	Corrupt index.
8966	2306	Corrupt lock file.
8967	2307	Corrupt family file.
8968	2308	Corrupt or missing VAL file.
8969	2309	Foreign index file format.
9217	2401	Read failure.
9218	2402	Write failure.
9219	2403	Cannot access directory.
9220	2404	File Delete operation failed.
9221	2405	Cannot access file.
9222	2406	Access to table disabled because of previous error.
9473	2501	Insufficient memory for this operation.
9474	2502	Not enough file handles.
9475	2503	Insufficient disk space.
9476	2504	Temporary table resource limit.
9477	2505	Record size is too big for table.
9478	2506	Too many open cursors.
9479	2507	Table is full.
9480	2508	Too many sessions from this workstation.
9481	2509	Serial number limit (Paradox).
9482	250A	Some internal limit (see context).
9483	250B	Too many open tables.
9484	250C	Too many cursors per table.
9485	250D	Too many record locks on table.
9486	250E	Too many clients.
9487	250F	Too many indexes on table.
9488	2510	Too many sessions.
9489	2511	Too many open databases.
9490	2512	Too many passwords.

B

BDE ERROR
CODES*continues*

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
9491	2513	Too many active drivers.
9492	2514	Too many fields in Table Create.
9493	2515	Too many table locks.
9494	2516	Too many open BLOBs.
9495	2517	Lock file has grown too large.
9496	2518	Too many open queries.
9498	251A	Too many BLOBs.
9499	251B	Filename is too long for a Paradox version 5.0 table.
9500	251C	Row fetch limit exceeded.
9501	251D	Long name not allowed for this table level.
9729	2601	Key violation.
9730	2602	Minimum validity check failed.
9731	2603	Maximum validity check failed.
9732	2604	Field value required.
9733	2605	Master record missing.
9734	2606	Master has detail records. Cannot delete or modify.
9735	2607	Master table level is incorrect.
9736	2608	Field value out of lookup table range.
9737	2609	Lookup Table Open operation failed.
9738	260A	Detail Table Open operation failed.
9739	260B	Master Table Open operation failed.
9740	260C	Field is blank.
9741	260D	Link to master table already defined.
9742	260E	Master table is open.
9743	260F	Detail tables exist.
9744	2610	Master has detail records. Cannot empty it.
9745	2611	Self-referencing referential integrity must be entered one at a time with no other changes to the table.
9746	2612	Detail table is open.
9747	2613	Cannot make this master a detail of another table if its details are not empty.
9748	2614	Referential integrity fields must be indexed.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
9749	2615	A table linked by referential integrity requires password to open.
9750	2616	Field(s) linked to more than one master.
9985	2701	Number is out of range.
9986	2702	Invalid parameter.
9987	2703	Invalid filename.
9988	2704	File does not exist.
9989	2705	Invalid option.
9990	2706	Invalid handle to the function.
9991	2707	Unknown table type.
9992	2708	Cannot open file.
9993	2709	Cannot redefine primary key.
9994	270A	Cannot change this RINTDesc.
9995	270B	Foreign and primary key do not match.
9996	270C	Invalid modify request.
9997	270D	Index does not exist.
9998	270E	Invalid offset into the BLOB.
9999	270F	Invalid descriptor number.
10000	2710	Invalid field type.
10001	2711	Invalid field descriptor.
10002	2712	Invalid field transformation.
10003	2713	Invalid record structure.
10004	2714	Invalid descriptor.
10005	2715	Invalid array of index descriptors.
10006	2716	Invalid array of validity check descriptors.
10007	2717	Invalid array of referential integrity descriptors.
10008	2718	Invalid ordering of tables during restructure.
10009	2719	Name not unique in this context.
10010	271A	Index name required.
10011	271B	Invalid session handle.
10012	271C	Invalid restructure operation.
10013	271D	Driver not known to system.

B

BDE ERROR
CODES*continues*

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
10014	271E	Unknown database.
10015	271F	Invalid password given.
10016	2720	No callback function.
10017	2721	Invalid callback buffer length.
10018	2722	Invalid directory.
10019	2723	Translate Error. Value out of bounds.
10020	2724	Cannot set cursor of one table to another.
10021	2725	Bookmarks do not match table.
10022	2726	Invalid index/tag name.
10023	2727	Invalid index descriptor.
10024	2728	Table does not exist.
10025	2729	Table has too many users.
10026	272A	Cannot evaluate key or key does not pass filter condition.
10027	272B	Index already exists.
10028	272C	Index is open.
10029	272D	Invalid BLOB length.
10030	272E	Invalid BLOB handle in record buffer.
10031	272F	Table is open.
10032	2730	Need to do (hard) restructure.
10033	2731	Invalid mode.
10034	2732	Cannot close index.
10035	2733	Index is being used to order table.
10036	2734	Unknown username or password.
10037	2735	Multilevel cascade is not supported.
10038	2736	Invalid field name.
10039	2737	Invalid table name.
10040	2738	Invalid linked cursor expression.
10041	2739	Name is reserved.
10042	273A	Invalid file extension.
10043	273B	Invalid language driver.
10044	273C	Alias is not currently opened.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
10045	273D	Incompatible record structures.
10046	273E	Name is reserved by DOS.
10047	273F	Destination must be indexed.
10048	2740	Invalid index type.
10049	2741	Language drivers of table and index do not match.
10050	2742	Filter handle is invalid.
10051	2743	Invalid filter.
10052	2744	Invalid Table Create request.
10053	2745	Invalid Table Delete request.
10054	2746	Invalid Index Create request.
10055	2747	Invalid Index Delete request.
10056	2748	Invalid table specified.
10058	274A	Invalid time.
10059	274B	Invalid date.
10060	274C	Invalid date/time.
10061	274D	Tables in different directories.
10062	274E	Mismatch in the number of arguments.
10063	274F	Function not found in service library.
10064	2750	Must use <code>baseorder</code> for this operation.
10065	2751	Invalid procedure name.
10066	2752	The field map is invalid.
10241	2801	Record locked by another user.
10242	2802	Unlock failed.
10243	2803	Table is busy.
10244	2804	Directory is busy.
10245	2805	File is locked.
10246	2806	Directory is locked.
10247	2807	Record already locked by this session.
10248	2808	Object not locked.
10249	2809	Lock timeout.
10250	280A	Key group is locked.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
10251	280B	Table lock was lost.
10252	280C	Exclusive access was lost.
10253	280D	Table cannot be opened for exclusive use.
10254	280E	Conflicting record lock in this session.
10255	280F	A deadlock was detected.
10256	2810	A user transaction is already in progress.
10257	2811	No user transaction is currently in progress.
10258	2812	Record lock failed.
10259	2813	Couldn't perform the edit because another user changed the record.
10260	2814	Couldn't perform the edit because another user deleted or moved the record.
10497	2901	Insufficient field rights for operation.
10498	2902	Insufficient table rights for operation. Password required.
10499	2903	Insufficient family rights for operation.
10500	2904	This directory is read-only.
10501	2905	Database is read-only.
10502	2906	Trying to modify read-only field.
10503	2907	Encrypted dBASE tables not supported.
10504	2908	Insufficient SQL rights for operation.
10753	2A01	Field is not a BLOB.
10754	2A02	BLOB already opened.
10755	2A03	BLOB not opened.
10756	2A04	Operation not applicable.
10757	2A05	Table is not indexed.
10758	2A06	Engine not initialized.
10759	2A07	Attempt to reinitialize engine.
10760	2A08	Attempt to mix objects from different sessions.
10761	2A09	Paradox driver not active.
10762	2A0A	Driver not loaded.
10763	2A0B	Table is read only.
10764	2A0C	No associated index.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
10765	2A0D	Table(s) open. Cannot perform this operation.
10766	2A0E	Table does not support this operation.
10767	2A0F	Index is read only.
10768	2A10	Table does not support this operation because it is not uniquely indexed.
10769	2A11	Operation must be performed on the current session.
10770	2A12	Invalid use of keyword.
10771	2A13	Connection is in use by another statement.
10772	2A14	Passthrough SQL connection must be shared.
11009	2B01	Invalid function number.
11010	2B02	File or directory does not exist.
11011	2B03	Path not found.
11012	2B04	Too many open files. You may need to increase MAXFILEHANDLE limit in IDAPI configuration.
11013	2B05	Permission denied.
11014	2B06	Bad file number.
11015	2B07	Memory blocks destroyed.
11016	2B08	Not enough memory.
11017	2B09	Invalid memory block address.
11018	2B0A	Invalid environment.
11019	2B0B	Invalid format.
11020	2B0C	Invalid access code.
11021	2B0D	Invalid data.
11023	2B0F	Device does not exist.
11024	2B10	Attempt to remove current directory.
11025	2B11	Not same device.
11026	2B12	No more files.
11027	2B13	Invalid argument.
11028	2B14	Argument list is too long.
11029	2B15	Execution format error.
11030	2B16	Cross-device link.
11041	2B21	Math argument.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11042	2B22	Result is too large.
11043	2B23	File already exists.
11047	2B27	Unknown internal operating system error.
11058	2B32	Share violation.
11059	2B33	Lock violation.
11060	2B34	Critical DOS error.
11061	2B35	Drive not ready.
11108	2B64	Not exact read/write.
11109	2B65	Operating system network error.
11110	2B66	Error from Novell file server.
11111	2B67	Novell server out of memory.
11112	2B68	Record already locked by this workstation.
11113	2B69	Record not locked.
11265	2C01	Network initialization failed.
11266	2C02	Network user limit exceeded.
11267	2C03	Wrong NET file version.
11268	2C04	Cannot lock network file.
11269	2C05	Directory is not private.
11270	2C06	Directory is controlled by other NET file.
11271	2C07	Unknown network error.
11272	2C08	Not initialized for accessing network files.
11273	2C09	Share not loaded. It is required to share local files.
11274	2C0A	Not on a network. Not logged in or wrong network driver.
11275	2C0B	Lost communication with SQL server.
11277	2C0D	Cannot locate or connect to SQL server.
11278	2C0E	Cannot locate or connect to network server.
11521	2D01	Optional parameter is required.
11522	2D02	Invalid optional parameter.
11777	2E01	Obsolete.
11778	2E02	Obsolete.
11779	2E03	Ambiguous use of ! (inclusion operator).

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11780	2E04	Obsolete.
11781	2E05	Obsolete.
11782	2E06	A SET operation cannot be included in its own grouping.
11783	2E07	Only numeric and date/time fields can be averaged.
11784	2E08	Invalid expression.
11785	2E09	Invalid OR expression.
11786	2E0A	Obsolete.
11787	2E0B	Bitmap.
11788	2E0C	CALC expression cannot be used in INSERT, DELETE, CHANGETO, and SET rows.
11789	2E0D	Type error in CALC expression.
11790	2E0E	CHANGETO can be used in only one query form at a time.
11791	2E0F	Cannot modify CHANGED table.
11792	2E10	A field can contain only one CHANGETO expression.
11793	2E11	A field cannot contain more than one expression to be inserted.
11794	2E12	Obsolete.
11795	2E13	CHANGETO must be followed by the new value for the field.
11796	2E14	Checkmark or CALC expressions cannot be used in FIND queries.
11797	2E15	Cannot perform operation on CHANGED table together with a CHANGETO query.
11798	2E16	Chunk.
11799	2E17	More than 255 fields in ANSWER table.
11800	2E18	AS must be followed by the name for the field in the ANSWER table.
11801	2E19	DELETE can be used in only one query form at a time.
11802	2E1A	Cannot perform operation on DELETED table together with a DELETE query.
11803	2E1B	Cannot delete from the DELETED table.
11804	2E1C	Example element is used in two fields with incompatible types or with a BLOB.
11805	2E1D	Cannot use example elements in an OR expression.
11806	2E1E	Expression in this field has the wrong type.
11807	2E1F	Extra comma found.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11808	2E20	Extra OR found.
11809	2E21	One or more query rows do not contribute to the ANSWER.
11810	2E22	FIND can be used in only one query form at a time.
11811	2E23	FIND cannot be used with the ANSWER table.
11812	2E24	A row with GROUPBY must contain SET operations.
11813	2E25	GROUPBY can be used only in SET rows.
11814	2E26	Use only INSERT, DELETE, SET, or FIND in leftmost column.
11815	2E27	Use only one INSERT, DELETE, SET, or FIND per line.
11816	2E28	Syntax error in expression.
11817	2E29	INSERT can be used in only one query form at a time.
11818	2E2A	Cannot perform operation on INSERTED table together with an INSERT query.
11819	2E2B	INSERT, DELETE, CHANGETO, and SET rows may not be checked.
11820	2E2C	Field must contain an expression to insert (or be blank).
11821	2E2D	Cannot insert into the INSERTED table.
11822	2E2E	Variable is an array and cannot be accessed.
11823	2E2F	Label.
11824	2E30	Rows of example elements in CALC expression must be linked.
11825	2E31	Variable name is too long.
11826	2E32	Query may take a long time to process.
11827	2E33	Reserved word or one that can't be used as a variable name.
11828	2E34	Missing comma.
11829	2E35	Missing right parenthesis.
11830	2E36	Missing right quote.
11831	2E37	Cannot specify duplicate column names.
11832	2E38	Query has no checked fields.
11833	2E39	Example element has no defining occurrence.
11834	2E3A	No grouping is defined for SET operation.
11835	2E3B	Query makes no sense.
11836	2E3C	Cannot use patterns in this context.
11837	2E3D	Date does not exist.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11838	2E3E	Variable has not been assigned a value.
11839	2E3F	Invalid use of example element in summary expression.
11840	2E40	Incomplete query statement. Query only contains a SET definition.
11841	2E41	Example element with ! makes no sense in expression.
11842	2E42	Example element cannot be used more than twice with a ! query.
11843	2E43	Row cannot contain expression.
11844	2E44	Obsolete.
11845	2E45	Obsolete.
11846	2E46	No permission to insert or delete records.
11847	2E47	No permission to modify field.
11848	2E48	Field not found in table.
11849	2E49	Expecting a column separator in table header.
11850	2E4A	Expecting a column separator in table.
11851	2E4B	Expecting a column name in table.
11852	2E4C	Expecting table name.
11853	2E4D	Expecting consistent number of columns in all rows of table.
11854	2E4E	Cannot open table.
11855	2E4F	Field appears more than once in table.
11856	2E50	This DELETE, CHANGE, or INSERT query has no ANSWER.
11857	2E51	Query is not prepared. Properties unknown.
11858	2E52	DELETE rows cannot contain quantifier expression.
11859	2E53	Invalid expression in INSERT row.
11860	2E54	Invalid expression in INSERT row.
11861	2E55	Invalid expression in SET definition.
11862	2E56	Row use.
11863	2E57	SET keyword expected.
11864	2E58	Ambiguous use of example element.
11865	2E59	Obsolete.
11866	2E5A	Obsolete.
11867	2E5B	Only numeric fields can be summed.
11868	2E5C	Table is write protected.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11869	2E5D	Token not found.
11870	2E5E	Cannot use example element with ! more than once in a single row.
11871	2E5F	Type mismatch in expression.
11872	2E60	Query appears to ask two unrelated questions.
11873	2E61	Unused SET row.
11874	2E62	INSERT, DELETE, FIND, and SET can be used only in the leftmost column.
11875	2E63	CHANGETO cannot be used with INSERT, DELETE, SET, or FIND.
11876	2E64	Expression must be followed by an example element defined in a SET.
11877	2E65	Lock failure.
11878	2E66	Expression is too long.
11879	2E67	Refresh exception during query.
11880	2E68	Query canceled.
11881	2E69	Unexpected database engine error.
11882	2E6A	Not enough memory to finish operation.
11883	2E6B	Unexpected exception.
11884	2E6C	Feature not implemented yet in query.
11885	2E6D	Query format is not supported.
11886	2E6E	Query string is empty.
11887	2E6F	Attempted to prepare an empty query.
11888	2E70	Buffer too small to contain query string.
11889	2E71	Query was not previously parsed or prepared.
11890	2E72	Function called with bad query handle.
11891	2E73	QBE syntax error.
11892	2E74	Query extended syntax field count error.
11893	2E75	Field name in sort or field clause not found.
11894	2E76	Table name in sort or field clause not found.
11895	2E77	Operation is not supported on BLOB fields.
11896	2E78	General BLOB error.
11897	2E79	Query must be restarted.
11898	2E7A	Unknown answer table type.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11926	2E96	Blob cannot be used as grouping field.
11927	2E97	Query properties have not been fetched.
11928	2E98	Answer table is of unsuitable type.
11929	2E99	Answer table is not yet supported under server alias.
11930	2E9A	Non-null BLOB field required. Can't insert records.
11931	2E9B	Unique index required to perform CHANGETO.
11932	2E9C	Unique index required to delete records.
11933	2E9D	Update of table on the server failed.
11934	2E9E	Can't process this query remotely.
11935	2E9F	Unexpected end of command.
11936	2EA0	Parameter not set in query string.
11937	2EA1	Query string is too long.
11946	2EAA	No such table or correlation name.
11947	2EAB	Expression has ambiguous data type.
11948	2EAC	Field in ORDER BY must be in resultset.
11949	2EAD	General parsing error.
11950	2EAE	Record or field constraint failed.
11951	2EAF	Field in group by must be in resultset.
11952	2EB0	User-defined function is not defined.
11953	2EB1	Unknown error from user-defined function.
11954	2EB2	Single-row subquery produced more than one row.
11955	2EB3	Expressions in GROUP BY are not supported.
11956	2EB4	Queries on text or ASCII tables is not supported.
11957	2EB5	ANSI join keywords USING and NATURAL are not supported in this release.
11958	2EB6	SELECT DISTINCT may not be used with UNION unless UNION ALL is used.
11959	2EB7	GROUP BY is required when both aggregate and nonaggregate fields are used in resultset.
11960	2EB8	INSERT and UPDATE operations are not supported on autoincrement field type.

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
11961	2EB9	UPDATE on primary key of a master table may modify more than one record.
12033	2F01	Interface mismatch. Engine version different.
12034	2F02	Index is out of date.
12035	2F03	Older version (see context).
12036	2F04	VAL file is out of date.
12037	2F05	BLOB file version is too old.
12038	2F06	Query and engine DLLs are mismatched.
12039	2F07	Server is incompatible version.
12040	2F08	Higher table level required.
12289	3001	Capability not supported.
12290	3002	Not implemented yet.
12291	3003	SQL replicas not supported.
12292	3004	Non-BLOB column in table required to perform operation.
12293	3005	Multiple connections not supported.
12294	3006	Full dBASE expressions not supported.
12545	3101	Invalid database alias specification.
12546	3102	Unknown database type.
12547	3103	Corrupt system configuration file.
12548	3104	Network type unknown.
12549	3105	Not on the network.
12550	3106	Invalid configuration parameter.
12801	3201	Object implicitly dropped.
12802	3202	Object may be truncated.
12803	3203	Object implicitly modified.
12804	3204	Should field constraints be checked?
12805	3205	Validity check field modified.
12806	3206	Table level changed.
12807	3207	Copy linked tables?
12809	3209	Object implicitly truncated.
12810	320A	Validity check will not be enforced.
12811	320B	Multiple records found, but only one was expected.

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
12812	320C	Field will be trimmed. Cannot put master records into problem table.
13057	3301	File already exists.
13058	3302	BLOB has been modified.
13059	3303	General SQL error.
13060	3304	Table already exists.
13061	3305	Paradox 1.0 tables are not supported.
13062	3306	Update aborted.
13313	3401	Different sort order.
13314	3402	Directory in use by earlier version of Paradox.
13315	3403	Needs Paradox 3.5-compatible language driver.
13569	3501	Data dictionary is corrupt.
13570	3502	Data dictionary info BLOB corrupted.
13571	3503	Data dictionary schema is corrupt.
13572	3504	Attribute type exists.
13573	3505	Invalid object type.
13574	3506	Invalid relation type.
13575	3507	View already exists.
13576	3508	No such view exists.
13577	3509	Invalid record constraint.
13578	350A	Object is in a logical DB.
13579	350B	Dictionary already exists.
13580	350C	Dictionary does not exist.
13581	350D	Dictionary database does not exist.
13582	350E	Dictionary info is out of date. Needs refreshed.
13584	3510	Invalid dictionary name.
13585	3511	Dependent objects exist.
13586	3512	Too many relationships for this object type.
13587	3513	Relationships to the object exist.
13588	3514	Dictionary exchange file is corrupt.
13589	3515	Dictionary exchange file version mismatch.
13590	3516	Dictionary object type mismatch.

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BDE ERROR
CODES*continues*

TABLE B.1 Continued

<i>Error Code</i>		
<i>Decimal</i>	<i>Hex</i>	<i>Error String</i>
13591	3517	Object exists in target dictionary.
13592	3518	Cannot access data dictionary.
13593	3519	Cannot create data dictionary.
13594	351A	Cannot open database.
15873	3E01	Wrong driver name.
15874	3E02	Wrong system version.
15875	3E03	Wrong driver version.
15876	3E04	Wrong driver type.
15877	3E05	Cannot load driver.
15878	3E06	Cannot load language driver.
15879	3E07	Vendor initialization failed.
15880	3E08	Your application is not enabled for use with this driver.