Oracle Berkeley DB

Message Reference
for Stripped Libraries

11g Release 2
(Library Version 11.2.5.2)

ORACLE®

BERKELEY DB

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2/29/2012

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Introduction

When you build Berkeley DB, it is possible to cause all the error message text to be stripped from the library. This is done so as to minimize the library's footprint on devices where memory and storage is severely constrained.

How you strip error messages from your library depends on the platform you are building on. For *nix platforms, you do this when you configure your build using the --enable-stripped_messages configuration option. Your messages will also be stripped if you configure for small builds.

For Windows, you can enable stripped messages using the HAVE_STRIPPED_MESSAGES build property. Your messages will also be stripped if you build a small memory footprint library.

Stripped libraries still issue error messages, but the only thing displayed is the error number — the text of the message is not available for the library to display. This document provides the missing error message text.

Message text is organized into tables, where each table identifies a specific portion of the library. Each such table is then sorted by message number.

The areas of the library which can issue messages are:

- Access method. These are error messages related to usage of the various access methods (Btree, Heap, Queue, and so forth).

- Common error messages. These are messages that can be commonly issued by any area of the library.

- Database error messages. These are error messages related to the usage of database handles.

- Environment error messages. These are error messages related to the usage of environment handles.

- Locking subsystem error messages.

- Logging subsystem error messages.

- Memory pool error messages.

- Replication error messages. These error messages are issued by methods specific to either Base API or Replication Manager applications.

- Sequences error messages.

- Transactions error messages.

- Command line utility error messages.

Access Methods Messages

Message Number	Message Text
1001	illegal record number size
1002	illegal record number of 0
1003	%s: write failed to backing file
1004	Existing data sorts differently from put data
1005	cursor adjustment after delete failed
1006	prefix comparison may not be specified for default comparison routine
1007	bt_minkey value of %lu too high for page size of %lu
1008	%s: btree version %lu requires a version upgrade
1009	%s: unsupported btree version: %lu
1010	%s: DB_DUP specified to open method but not set in database
1011	%s: DB_RECNUM specified to open method but not set in database
1012	%s: DB_FIXEDLEN specified to open method but not set in database
1013	%s: DB_RENUMBER specified to open method but not set in database
1014	%s: multiple databases specified but not supported by file
1015	%s: duplicate sort specified but not supported in database
1016	%s: compresssion specified to open method but not set in database
1017	%s: compression support has not been compiled in
1018	open method type is Btree, database type is Recno
1019	open method type is Recno, database type is Btree
1020	Not enough room in parent: %s: page %lu
1021	Too many btree levels: %d
1022	Unknown record format, page %lu, indx 0
1023	Compact cannot handle zero length key
1024	DB_RECNUM cannot be used with compression
1025	DB_DUP cannot be used with compression without DB_DUPSORT
1026	compression support has not been compiled in
1027	compression cannot be used with DB_RECNUM

Message Number	Message Text
1028	compression cannot be used with DB_DUP without DB_DUPSORT
1029	to enable compression you need to supply both function arguments
1030	compression support has not been compiled in
1031	minimum bt_minkey value is 2
1032	Existing data sorts differently from put data
1033	Both cursors must be initialized before calling DBC->cmp.
1034	Page %lu: nonsensical bt_minkey value %lu on metadata page
1035	Page %lu: nonsensical root page %lu on metadata page
1036	Page %lu: Btree metadata page has both duplicates and multiple databases
1037	Page %lu: Btree metadata page illegally has both recnums and dups
1038	Page %lu: metadata page has renumber flag set but is not recno
1039	Page %lu: Btree metadata page illegally has both recnums and compression
1040	Page %lu: Btree metadata page illegally has both ""unsorted duplicates and compression
1041	Page %lu: recno metadata page specifies duplicates
1042	Page %lu: re_len of %lu in non-fixed-length database
1043	Page %lu: Recno database has dups
1044	Page %lu: nonsensical type for item %lu
1045	Page %lu: item order check unsafe: skipping
1046	Page %lu: entries listing %lu overlaps data
1047	Page %lu: bad offset %lu at index %lu
1048	Page %lu: RINTERNAL structure at offset %lu referenced twice
1049	Page %lu: gap between items at offset %lu
1050	Page %lu: bad HOFFSET %lu, appears to be %lu
1051	Page %lu: duplicated item %lu
1052	Page %lu: duplicated item %lu
1053	Page %lu: item %lu marked deleted
1054	Page %lu: duplicate page referenced by internal btree page at item %lu
1055	Page %lu: duplicate page referenced by recno page at item %lu

Message Number	Message Text
1056	Page %lu: impossible tlen %lu, item %lu
1057	Page %lu: offpage item %lu has bad pgno %lu
1058	Page %lu: item %lu of invalid type %lu
1059	Page %lu: gap between items at offset %lu
1060	Page %lu: offset %lu unaligned
1061	Page %lu: overlapping items at offset %lu
1062	Page %lu: overlapping items at offset %lu
1063	Page %lu: bad HOFFSET %lu, appears to be %lu
1064	Page %lu: lowest key on internal page of nonzero length
1065	Page %lu: error %lu in fetching overflow item %lu
1066	Page %lu: out-of-order key at entry %lu
1067	Page %lu: non-dup dup key at entry %lu
1068	Page %lu: database with no duplicates has duplicated keys
1069	Page %lu: btree metadata page observed twice
1070	Page %lu: btree metadata page has no root
1071	Page %lu: recno database has bad re_len %lu
1072	Page %lu: duplicate tree referenced from metadata page
1073	Page %lu: btree root of incorrect type %lu on metadata page
1074	Page %lu: unexpected page type %lu found in leaf chain (expected %lu)
1075	Page %lu: incorrect next_pgno %lu found in leaf chain (should be %lu)
1076	Page %lu: incorrect prev_pgno %lu found in leaf chain (should be %lu)
1077	Page %lu: recno leaf page non-recno tree
1078	Page %lu: non-recno leaf page in recno tree
1079	Page %lu: duplicates in non-dup btree
1080	Page %lu: unsorted duplicate set in sorted-dup database
1081	Page %lu: btree or recno page is of inappropriate type %lu
1082	Page %lu: recno page returned bad re_len %lu
1083	Page %lu: record count incorrect: actual %lu, in record %lu
1084	Page %lu: recno level incorrect: got %lu, expected %lu
1085	Page %lu: overflow page %lu referenced more than twice from internal page
1086	Page %lu: item %lu has incorrect record count of %lu, should be %lu

Message Number	Message Text
1087	Page %lu: Btree level incorrect: got %lu, expected %lu
1088	Page %lu: internal page is empty and should not be
1089	Page %lu: bad record count: has %lu records, claims %lu
1090	Page %lu: linked twice
1091	Page %lu: unterminated leaf chain
1092	Page %lu: first item on page sorted greater than parent entry
1093	Page %lu: first item on page had comparison error
1094	Page %lu: last item on page sorted greater than parent entry
1095	Page %lu: last item on page had comparison error
1096	Page %lu: database has custom hash function; reverify with DB_NOORDERCHK set
1097	Page %lu: Impossible max_bucket %lu on meta page
1098	Page %lu: incorrect high_mask %lu, should be %lu
1099	Page %lu: incorrect low_mask %lu, should be %lu
1100	Page %lu: suspiciously high nelem of %lu
1101	Page %lu: spares array entry %d is invalid
1102	Page %lu: item %lu is out of order or nonsensical
1103	Page %lu: entries array collided with data
1104	Page %lu: hash key stored as duplicate item %lu
1105	Page %lu: duplicate item %lu has bad length
1106	Page %lu: duplicate item %lu has two different lengths
1107	Page %lu: offpage item %lu has bad pgno %lu
1108	Page %lu: offpage item %lu has bad page number
1109	Page %lu: item %lu has bad type
1110	Page %lu: Hash meta page referenced twice
1111	Page %lu: hash bucket %lu maps to non-hash page
1112	Page %lu: non-empty page in unused hash bucket %lu
1113	Page %lu: above max_bucket referenced
1114	Page %lu: impossible first page in bucket %lu
1115	Page %lu: first page in hash bucket %lu has a prev_pgno
1116	Page %lu: hash page referenced twice
1117	Page %lu: duplicates present in non-duplicate database
1118	Page %lu: unsorted dups in sorted-dup database
1119	Page %lu: hash page has bad next_pgno
1120	Page %lu: hash page has bad prev_pgno

Message Number	Message Text
1121	Page %lu: item %lu hashes incorrectly
1122	Invalid flag in __ham_curadj_recover
1123	Cannot replicate prepared transactions from master running release 4.2.
1124	%s: Invalid hash meta page %lu
1125	%s: hash version %lu requires a version upgrade
1126	%s: unsupported hash version: %lu
1127	%s: DB_DUP specified to open method but not set in database
1128	%s: multiple databases specified but not supported in file
1129	%s: duplicate sort function specified but not set in database
1130	H_NOMORE returned to __hamc_get
1131	Existing data sorts differently from put data
1132	Attempt to return a deleted item
1133	library build did not include support for the Hash access method
1134	Extent size may not be specified for in-memory queue database
1135	Multiversion queue databases are not supported
1136	__qam_open: %s: unexpected file type or format
1137	%s: queue version %lu requires a version upgrade
1138	%s: unsupported qam version: %lu
1139	Record size of %lu too large for page size of %lu
1140	Extent size must be at least 1
1141	Queue does not support multiple databases per file
1142	Record length error: data offset plus length larger than record size of %lu
1143	illegal record number size
1144	illegal record number of 0
1145	library build did not include support for the Queue access method
1146	Page %lu: queue databases must be one-per-file
1147	Page %lu: queue record length %lu too high for page size and recs/page
1148	Page %lu: database contains multiple Queue metadata pages
1149	Warning: %d extra extent files found
1150	Page %lu: queue record %lu extends past end of page

Message Number	Message Text
1151	Page %lu: queue record %lu has bad flags (%#lx)
1152	Page %lu: queue database has no meta page
1153	Page %lu: queue database page of incorrect type %lu
1154	Page %lu: queue database page of incorrect type %lu
1155	%s: specified heap size does not match size set in database
1156	Page %lu: Heap databases must be one-per-file
1157	Page %lu: Number of heap regions incorrect
1158	Page %lu: last_pgno beyond end of fixed size heap
1159	Page %lu: incorrect number of entries in page's offset table
1160	Page %lu: record %lu (length %lu) overlaps next record
1161	Page %lu: record %lu (length %lu) beyond end of page
1162	Page %lu: heap database has no meta page
1163	Page %lu: heap database page of incorrect type %lu
1164	Page %lu: heap database missing region page (page type %lu)
1165	Page %lu: record %lu has invalid flags
1166	Page %lu heap database page beyond high page in region
1168	Incorrect record size in header: %s: rid %lu.%lu

Common Messages

Message Number	Message Text
0001	fcntl(F_SETFD)
0002	__fop_file_setup: Retry limit (%d) exceeded
0003	Transactional create on replication client disallowed
0004	fop_read_meta: %s: unexpected file type or format
0005	rename: file %s exists
0040	Encrypted environment: library build did not include cryptography support
0041	unsupported byte order, only big and little-endian supported
0042	%s: %s: Invalid numeric argument
0043	%s: Invalid numeric argument
0044	%s: %s: Less than minimum value (%ld)
0045	%s: Less than minimum value (%ld)
0046	%s: %s: Greater than maximum value (%ld)
0047	%s: Greater than maximum value (%ld)
0048	%s: %s: Invalid numeric argument
0049	%s: Invalid numeric argument
0050	%s: %s: Less than minimum value (%lu)
0051	%s: Less than minimum value (%lu)
0052	%s: %s: Greater than maximum value (%lu)
0053	%s: Greater than maximum value (%lu)
0054	illegal flag combination specified to %s
0055	illegal flag specified to %s
0056	%s: DB_READ_COMMITTED, DB_READ_UNCOMMITTED and DB_RMW require locking
0057	unable to create/retrieve page %lu
0058	page %lu: illegal page type or format
0059	assert failure: %s/%d: "%s"
0060	PANIC: fatal region error detected; run recovery
0061	PANIC
0062	Successful return: 0
0063	DB_BUFFER_SMALL: User memory too small for return value
0064	DB_DONOTINDEX: Secondary index callback returns null

Message Number	Message Text
0065	DB_FOREIGN_CONFLICT: A foreign database constraint has been violated
0066	DB_KEYEMPTY: Non-existent key/data pair
0067	DB_KEYEXIST: Key/data pair already exists
0068	DB_LOCK_DEADLOCK: Locker killed to resolve a deadlock
0069	DB_LOCK_NOTGRANTED: Lock not granted
0070	DB_LOG_BUFFER_FULL: In-memory log buffer is full
0071	DB_LOG_VERIFY_BAD: Log verification failed
0072	DB_NOSERVER: No message dispatch call-back function has been configured
0073	DB_NOTFOUND: No matching key/data pair found
0074	DB_OLDVERSION: Database requires a version upgrade
0075	DB_PAGE_NOTFOUND: Requested page not found
0076	DB_REP_DUPMASTER: A second master site appeared
0077	DB_REP_HANDLE_DEAD: Handle is no longer valid
0078	DB_REP_HOLDELECTION: Need to hold an election
0079	DB_REP_IGNORE: Replication record/operation ignored
0080	DB_REP_ISPERM: Permanent record written
0081	DB_REP_JOIN_FAILURE: Unable to join replication group
0082	DB_REP_LEASE_EXPIRED: Replication leases have expired
0083	DB_REP_LOCKOUT: Waiting for replication recovery to complete
0084	DB_REP_NEWSITE: A new site has entered the system
0085	DB_REP_NOTPERM: Permanent log record not written
0086	DB_REP_UNAVAIL: Too few remote sites to complete operation
0087	DB_RUNRECOVERY: Fatal error, run database recovery
0088	DB_SECONDARY_BAD: Secondary index inconsistent with primary
0089	DB_TIMEOUT: Operation timed out
0090	DB_VERIFY_BAD: Database verification failed
0091	DB_VERSION_MISMATCH: Database environment version mismatch
0092	Unknown error: %d
0093	%s: Unknown flag: %#x
0094	%s: Unexpected database type: %s
0095	%s: Unexpected code path error

Message Number	Message Text
0096	Read-only transaction cannot be used for an update
0097	Transaction not specified for a transactional database
0098	Transaction specified for a non-transactional database
0099	Operation forbidden while secondary index is being created
0100	Transaction and database from different environments
0101	Transaction that opened the DB handle is still active
0102	%s%sprevious transaction deadlock return not resolved
0103	DB environment not configured for transactions
0104	%lu larger than database's maximum record length %lu
0105	Record length error: ""replacement length %lu differs from replaced length %lu
0106	dbc_logging: Client update
0107	Dbc_logging: Master non-txn update
0108	Rep: flags 0x%lx msg_th %lu
0109	Rep: handle %lu, opcnt %lu
0110	Log sequence error: page LSN %lu %lu; previous LSN %lu %lu
0111	%s: attempt to modify a read-only database
0112	%s: file limited to %lu pages
0113	Thread/process %s failed: %s
0114	architecture does not support locks inside system shared memory
0115	no base system shared memory ID specified
0116	shmget: key: %ld: shared system memory region already exists
0117	shmget: key: %ld: unable to create shared system memory region
0118	shmat: id %d: unable to attach to shared system memory region
0119	shmctl/SHM_LOCK: id %d: unable to lock down shared memory region
0120	architecture lacks mmap(2), shared environments not possible
0121	shmdt
0122	shmctl: id %d: unable to delete system shared memory region
0123	munmap
0124	fileops: munmap
0125	fileops: mmap %s

Message Number	Message Text
0126	mmap
0127	mlock
0128	architecture doesn't support environments in system memory
0129	fileops: mkdir %s
0130	fileops: read %s: %lu bytes at offset %lu
0131	fileops: write %s: %lu bytes at offset %lu
0132	fileops: read %s: %lu bytes
0133	read: %#lx, %lu
0134	read: %#lx, %lu
0135	fileops: write %s: %lu bytes
0136	write: %#lx, %lu
0137	write: %#lx, %lu
0138	fileops: flock %s %s offset %lu
0139	fcntl
0140	advisory file locking unavailable
0141	fileops: truncate %s to %lu
0142	ftruncate: %lu
0143	malloc: %lu
0144	user-specified malloc function returned NULL
0145	realloc: %lu
0146	User-specified realloc function returned NULL
0147	malloc: %lu
0148	realloc: %lu
0149	Guard byte incorrect during free
0150	fileops: flush %s
0151	fsync
0152	fileops: open %s
0153	%s(%u): host lookup failed: %s
0154	%s(%u): host lookup failed
0155	%s(%u): host lookup failed: %s
0156	%s(%u): host lookup failed: %d
0157	%s: buffer too small to hold environment variable %s
0158	stat: %s
0159	fileops: directory list %s

Message Number	Message Text
0160	fileops: unlink %s
0161	unlink: %s
0162	fcntl(F_SETFD)
0163	fileops: close %s
0164	close
0165	fileops: stat %s
0166	fstat
0167	select
0168	fileops: rename %s to %s
0169	rename %s %s
0170	fileops: seek %s to %lu
0171	seek: %lu: (%lu * %lu) + %lu
0172	Joining non-encrypted environment with encryption key
0173	Encryption algorithm not supplied
0174	Encrypted environment: no encryption key supplied
0175	Invalid password
0176	Environment encrypted using a different algorithm
0177	No cipher structure given
0178	Encrypted database: no encryption flag specified
0179	Database encrypted using a different algorithm
0180	Invalid password
0181	Unencrypted database with a supplied encryption key
0182	IPP AES NULL pointer error
0183	IPP AES length error
0184	IPP AES context does not match operation
0185	IPP AES srclen size error
0186	AES key direction is invalid
0187	AES key material not of correct length
0188	AES key passwd not valid
0189	AES cipher in wrong state (not initialized)
0190	AES bad block length
0191	AES cipher instance is invalid
0192	AES data contents are invalid
0193	AES unknown error

Message Number	Message Text
0194	AES error unrecognized
0195	Unencrypted checksum with a supplied encryption key
0196	Encrypted checksum: no encryption key specified
0197	segment %s does not exist
0198	no base shared memory ID specified
0199	key: %ld: shared memory region already exists
0200	shared memory segment already exists
0201	shared memory segment not initialized
0202	shared memory segment not initialized
0203	no segment name given
0204	Invalid segment id given
0205	shared memory segment not initialized
0206	segment id %ld out of range
0207	DB_REP_WOULDROLLBACK: Client data has diverged
0208	DB_HEAP_FULL: no free space in db

Database Handle Messages

Message Number	Message Text
0501	"Page %lu: %s is of inappropriate type %lu
0502	"Page %lu: totally zeroed page
0503	Rename on temporary files invalid
0504	XA applications may not specify an environment to db_create
0505	Cannot open XA database before XA is enabled
0506	call implies an access method which is inconsistent with previous calls
0507	Directory %s not in environment list.
0508	Database environment not configured for encryption
0509	page sizes may not be smaller than %lu
0510	page sizes may not be larger than %lu
0511	page sizes must be a power-of-2
0512	Illegal application-specific record type %lu in log
0513	Illegal record type %lu in log
0514	Attempting to add application-specific record with invalid type %lu
0515	Attempting to add internal record with invalid type %lu
0516	DB_DBT_PARTIAL may not be set on key during join_get
0517	Allocation failed for join key, len = %lu
0518	DB_SALVAGE requires a an output handle
0519	DB_ORDERCHKONLY requires a database name
0520	Metadata page %lu cannot be read
0521	Page %lu: Incomplete metadata page
0522	Page %lu: metadata page corrupted
0523	Page %lu: could not check metadata page
0524	Page %lu: pgno incorrectly set to %lu
0525	Page %lu: bad magic number %lu
0526	Page %lu: unsupported DB version %lu; extraneous errors may result
0527	Page %lu: bad page size %lu
0528	Page %lu: bad page type %lu
0529	Page %lu: bad meta-data flags value %#lx
0530	Page %lu: beyond the end of the file, metadata page has last page as %lu

Message Number	Message Text
0531	Page %lu: old-style duplicate page
0532	Page %lu: unknown page type %lu
0533	Page %lu: overflow refcount %lu, referenced %lu times
0534	Page %lu: unreferenced page
0535	Page %lu: totally zeroed page
0536	Page %lu: bad page number %lu
0537	Page %lu: bad page type %lu
0538	Page %lu: invalid next_pgno %lu
0539	Page %lu: invalid prev_pgno %lu
0540	Page %lu: invalid next_pgno %lu
0541	Page %lu: too many entries: %lu
0542	Page %lu: bad btree level %lu
0543	Page %lu: btree leaf page has incorrect level %lu
0544	Page %lu: nonzero level %lu in non-btree database
0545	Page %lu: invalid magic number
0546	Page %lu: magic number does not match database type
0547	Page %lu: unsupported database version %lu; extraneous errors may result
0548	Page %lu: invalid pagesize %lu
0549	Page %lu: bad meta-data flags value %#lx
0550	Page %lu: nonempty free list on subdatabase metadata page
0551	Page %lu: nonsensical free list pgno %lu
0552	Page %lu: last_pgno is not correct: %lu != %lu
0553	Page %lu: invalid next_pgno %lu on free list page
0554	Page %lu: page %lu encountered a second time on free list
0555	Page %lu: non-invalid page %lu on free list
0556	Subdatabase entry not page-number size
0557	Subdatabase entry references invalid page %lu
0558	Subdatabase entry references page %lu of invalid type %lu
0559	Subdatabase entry of invalid size
0560	Page %lu: DB->h_internal field is NULL
0561	Page %lu: incorrect hash function for database
0562	Page %lu: database metapage of bad type %lu
0563	Page %lu: entries listing %lu overlaps data
0564	Page %lu: bad offset %lu at page index %lu

Message Number	Message Text
0565	Page %lu: unaligned offset %lu at page index %lu
0566	Page %lu: item %lu of unrecognizable type
0567	Page %lu: item %lu extends past page boundary
0568	Page %lu: sorted duplicate set in unsorted-dup database
0569	Page %lu: unsorted duplicate set in sorted-dup database
0570	Page %lu: duplicate page of inappropriate type %lu
0571	library build did not include support for database verification
0572	Databases may not become secondary indices while cursors are open
0573	Secondary index handles may not be re-associated
0574	Secondary indices may not be used as primary databases
0575	Primary databases may not be configured with duplicates
0576	Renumbering recno databases may not be used as primary databases
0577	The primary and secondary must be opened in the same environment
0578	The DB_THREAD setting must be the same for primary and secondary
0579	Callback function may be NULL only when database handles are read-only
0580	replication recovery unrolled committed transactions;
0581	DB->del with DB_MULTIPLE(_KEY) requires multiple key records
0582	Database does not have a valid file handle
0583	%s is not supported with DB_CONSUME or DB_CONSUME_WAIT
0584	DB_DBT_READONLY should not be set on data DBT.
0585	DB_MULTIPLE requires DB_DBT_USERMEM be set
0586	DB_MULTIPLE does not support DB_DBT_PARTIAL
0587	DB_MULTIPLE buffers must be aligned,
0588	At least one secondary cursor must be specified to DB->join
0589	All secondary cursors must share the same transaction
0590	files containing multiple databases may only be opened read-only
0591	DB_TRUNCATE not supported on VxWorks
0592	DB_UNKNOWN type specified with DB_CREATE or DB_TRUNCATE

Message Number	Message Text
0593	unknown type: %lu
0594	database environment not yet opened
0595	environment did not include a memory pool
0596	environment not created using DB_THREAD
0597	DB_MULTIVERSION illegal without a transaction specified
0598	DB_MULTIVERSION illegal with queue databases
0599	DB_TRUNCATE illegal with %s specified
0600	Queue databases must be one-per-file
0601	DB->pget may only be used on secondary indices
0602	DB_MULTIPLE and DB_MULTIPLE_KEY may not be used on secondary indices
0603	DB_GET_BOTH on a secondary index requires a primary key
0604	DB->put forbidden on secondary indices
0605	DB->put: DB_MULTIPLE(_KEY) can only be combined with DB_OVERWRITE_DUP
0606	DB->put with DB_MULTIPLE(_KEY) requires a bulk key buffer
0607	DB->put with DB_MULTIPLE requires a bulk data buffer
0608	a partial put in the presence of duplicates requires a cursor operation
0609	DB->compact may not be called with active cursors in the transaction.
0610	Secondary indices may not be used as foreign databases
0611	Foreign databases may not be configured with duplicates
0612	Renumbering recno databases may not be used as foreign databases
0613	The associating database must be a secondary index.
0614	When specifying a delete action of nullify, a callback
0615	When not specifying a delete action of nullify, a
0616	Closing already-closed cursor
0617	DBcursor->cmp dbc pointer must not be null
0618	DBcursor->cmp both cursors must refer to the same database.
0619	DB_READ_UNCOMMITTED is not supported with DB_CONSUME or DB_CONSUME_WAIT
0620	DB_DBT_READONLY should not be set on data DBT.
0621	DB_MULTIPLE/DB_MULTIPLE_KEY require DB_DBT_USERMEM be set

Message Number	Message Text
0622	DB_MULTIPLE/DB_MULTIPLE_KEY do not support DB_DBT_PARTIAL
0623	DB_MULTIPLE/DB_MULTIPLE_KEY buffers must be
0624	DBcursor->pget may only be used on secondary indices
0625	DB_MULTIPLE and DB_MULTIPLE_KEY may not be used on secondary indices
0626	%s requires both a secondary and a primary key
0627	DB_GET_BOTH on a secondary index requires a primary key
0628	DBcursor->put forbidden on secondary indices
0629	Bulk and partial operations cannot be combined on %s DBT
0630	DB_THREAD mandates memory allocation flag on %s DBT
0631	Cursor position must be set before performing this operation
0632	DB_AUTO_COMMIT may not be specified along with a transaction handle
0633	DB_AUTO_COMMIT may not be specified in non-transactional environment
0634	Partitioned databases may not be in memory.
0635	DB_CREATE must be specified to create databases.
0636	DBTYPE of unknown without existing file
0637	Partitioned databases may not be included with multiple databases.
0638	%s: Invalid type %d specified
0639	Invalid subdatabase type %d specified
0640	%s: metadata page checksum error
0641	__db_meta_setup: %s: unexpected file type or format
0642	Checksum failure requires catastrophic recovery
0643	Cannot replicate prepared transactions from master running release 4.2
0644	Partition open failed to allocate %d bytes
0645	Cannot specify callback and range keys.
0646	Must specify at least 2 partitions.
0647	Must specify either keys or a callback.
0648	May not specify both keys and a callback.
0649	Directory not in environment list %s
0650	Partitioning may only specified on BTREE and HASH databases.

Message Number	Message Text
0651	Partitioning specified on a non-partitioned database.
0652	Incompatible partitioning specified.
0653	Partition callback not specified.
0654	Record numbers are not supported in partitioned databases.
0655	Zero paritions specified.
0656	Number of partitions does not match.
0657	Hash database must specify a partition callback.
0658	Partitioning only supported on BTREE nad HASH.
0659	No range keys found.
0660	Keys found and callback set.
0661	Partition key 0 is not empty.
0662	Partition key %d does not match
0663	A partitioned database can not be in a multiple databases file
0664	library build did not include support for the database partitioning
0665	upgrade not supported
0666	%s: unsupported btree version: %lu
0667	Attempt to upgrade an encrypted database without providing a password.
0668	%s: unsupported hash version: %lu
0669	%s: unsupported queue version: %lu
0670	%s: DB->upgrade only supported on native byte-order systems
0671	%s: unrecognized file type
0672	%s: file size not a multiple of the pagesize
0673	rename: database %s exists
0674	Closing a primary DB while a secondary DB has active cursors is unsafe
0675	__env_fileid_reset: %s: unexpected file type or format
0676	Page %lu: overflow page has zero reference count
0677	Page %lu: overflow page of invalid type %lu
0678	Page %lu: first page in overflow chain has a prev_pgno %lu
0679	Page %lu: encountered too many times in overflow traversal
0680	Page %lu: overflow page linked twice from leaf or data page
0681	Page %lu: bad next_pgno %lu on overflow page
0682	Page %lu: bad prev_pgno %lu on overflow page (should be %lu)

Message Number	Message Text
0683	Page %lu: overflow item incomplete
0684	checksum error: page %lu: catastrophic recovery required
0685	DB->truncate forbidden on secondary indices
0686	DB->truncate not permitted with active cursors
0687	CDS groups do not support %s
0688	CDS group has active cursors
0689	%s page %lu is on free list with type %lu
0690	DB_LOG_NO_DATA may not be specified within a transaction.
0691	Remove on temporary files invalid
0692	Both cursors must be initialized before calling DBC->cmp.
0693	Both cursors must be initialized before calling DBC->cmp.
0694	DBCursor->cmp mismatched off page duplicate cursor pointers.
0695	Put results in a non-unique secondary key in an
0696	Duplicate data items are not supported with sorted data
0697	Write attempted on read-only cursor
0698	Attempt to execute cascading delete in a foreign index failed
0699	Foreign database application callback
0700	Attempt to overwrite item in foreign database with nullified value failed
0701	DB_PRIVATE is not supported by
0702	Deadlock while opening %s, retrying
0703	Cannot allocate space for path: %s
0704	Cannot open traget file: %s
0705	Cannot allocate space for path: %s
0706	Cannot open traget file: %s
0707	Failed to write page %lu output to %s
0708	Invalid positioning flag combined with DB_DBT_PARTIAL
0709	The primary key returned by pget can't be partial
0710	Invalid positioning flag combined with DB_DBT_PARTIAL
0711	The primary key returned by pget can't be partial.

Environment Handle Messages

Message Number	Message Text
1501	Logging region out of memory; you may need to increase its size
1502	Freeing log information for process: %s, (ref %lu)
1503	DB_ENV->failchk requires DB_ENV->is_alive be configured
1504	is_alive method specified but no thread region allocated
1505	thread table must be allocated when the database environment is created
1506	unable to allocate a thread status block
1507	Thread died in Berkeley DB library
1508	Unable to allocate thread control block
1509	Invalid recovery timestamp %s; earliest time is %s
1510	First log record not found
1511	Invalid checkpoint record at [%ld][%ld]
1512	Last log record not found
1513	Checkpoint LSN record [%ld][%ld] not found
1514	Recovery starting from [%lu][%lu]
1515	Recovery continuing after non-fatal checkpoint error: %s
1516	First log record not found
1517	Invalid checkpoint record at [%ld][%ld]
1518	Recovery complete at %.24s
1519	Maximum transaction ID %lx recovery checkpoint [%lu][%lu]
1520	Recovery function for LSN %lu %lu failed on %s pass
1521	Recovery function for LSN %lu %lu failed
1522	Log file corrupt at LSN: [%lu][%lu]
1523	Unknown version %lu
1524	%lu: register environment
1525	%lu: creating %s
1526	%lu: adding self to registry
1527	%02u: EMPTY
1528	DB_REGISTER limits processes to one open DB_ENV handle per environment
1529	%02u: %s: KILLED
1530	%02u: %s: FAILED

Message Number	Message Text
1531	%02u: %s: LOCKED
1532	%lu: locking slot %02u at offset %lu
1533	%lu: recovery completed, unlocking
1534	%s: exclusive file unlock
1535	%s: existing environment not created in system memory
1536	%s: unable to read region info
1537	%s: unable to read system-memory information
1538	Program version %d.%d doesn't match environment version %d.%d
1539	Build signature doesn't match environment
1540	configured environment flags incompatible with existing environment
1542	Minimum environment memory size %ld is bigger than spcified max %ld.
1543	unable to create new master region array
1544	%s: unable to find environment
1545	%s: unable to write out public environment ID
1546	unable to join the environment
1547	environment reference count went negative
1548	region size %lu is too large; maximum is %lu
1549	region max %lu is too large; maximum is %lu
1550	architecture does not support locks inside process-local (malloc) memory
1551	application may not specify both DB_PRIVATE and DB_THREAD
1552	region memory was not correctly aligned
1553	no room remaining for additional REGIONs
1554	Library build did not include statistics support
1555	library build did not include support for cryptography
1556	Empty password specified to set_encrypt
1557	library build did not include support for cryptography
1558	Environment panic set
1559	DB_TXN_NOSYNC and DB_TXN_WRITE_NOSYNC
1560	Attempt to decrement hotbackup counter past zero
1561	Directory %s not in environment list.
1562	is_alive method specified but no thread region allocated

Message Number	Message Text
1563	is_alive method specified but no thread region allocated
1564	%s: method not permitted when environment specified
1565	%s: method not permitted %s handle's open method
1566	%s interface requires an environment configured for the %s subsystem
1567	The DB_RECOVER flag was not specified, and recovery is needed
1568	Berkeley DB library does not support DB_REGISTER on this system
1569	registration requires transaction support
1570	Berkeley DB library does not support replication on this system
1571	replication requires locking support
1572	replication requires transaction support
1573	recovery requires the create flag
1574	recovery requires transaction support
1575	DB_FAILCHK requires DB_ENV->is_alive be configured
1576	DB_FAILCHK requires DB_ENV->set_thread_count be configured
1577	Berkeley DB library configured to support only private environments
1578	architecture lacks fast mutexes: applications cannot be threaded
1579	Database handles still open at environment close
1580	Open database handle: %s%s%s
1581	File handles still open at environment close
1582	Open file handle: %s
1583	block not at end of region
1584	line %d: %s: incorrect name-value pair
1585	unrecognized name-value pair: %s
1586	temporary open: %s
1587	%s interface requires an environment configured with %s
1588	Maximum memory size too large: maximum is 4GB
1589	DB_PRIVATE is not

Locking Subsystem Messages

Message Number	Message Text
2001	library build did not include support for mutexes
2002	Win32 create event failed
2003	Win32 lock failed: mutex already locked by %s
2004	[%I64d]: Lost signal on mutex %p, ""id %d, ms %d
2005	[%I64d]: Waiting on mutex %p, id %d
2006	Win32 lock failed
2007	[%I64d]: Lost signal on mutex %p, ""id %d, ms %d
2008	[%I64d]: Waiting on mutex %p, id %d
2009	Win32 read lock failed
2010	Win32 unlock failed: lock already unlocked: mutex %d busy %d
2011	[%I64d]: Signalling mutex %p, id %d
2012	Win32 unlock failed
2013	Unable to allocate memory for the mutex region
2014	Unable to allocate memory for mutexes from the region
2015	Unable to acquire/release a mutex; check configuration
2016	Unable to acquire/release a shared latch; check configuration
2017	Freeing mutex for process: %s
2018	DB_ENV->mutex_set_align: alignment value must be a non-zero power-of-two
2019	fcntl lock failed
2020	fcntl unlock failed: lock already unlocked
2021	unable to initialize mutex
2022	pthread lock failed: lock currently in use: pid/tid: %s
2023	pthread lock failed
2024	pthread readlock failed
2025	pthread unlock failed: lock already unlocked
2026	unable to destroy cond
2027	unable to destroy mutex
2028	TAS: mutex not appropriately aligned
2029	TAS: mutex initialize
2030	TAS lock failed: lock %ld currently in use: ID: %s
2031	shared unlock %ld already unlocked
2032	unlock %ld already unlocked

Message Number	Message Text
2033	Mutex allocated before mutex region.
2034	unable to allocate memory for mutex; resize mutex region
2035	Invalid lock operation: %d
2036	Locker does not exist
2037	DB_ENV->lock_get: invalid lock mode %lu
2038	Unexpected lock status: %d
2039	Not a child transaction
2040	Locker does not exist
2041	lock_open: incompatible deadlock detector mode
2042	unable to allocate memory for the lock table
2043	DB_ENV->set_lk_detect: unknown deadlock detection mode specified
2044	DB_ENV->set_lk_detect: incompatible deadlock detector mode
2045	Unknown locker id: %lx
2046	Locker still has locks
2047	Freeing locker with locks
2048	DB_ENV->lock_detect: unknown deadlock detection mode specified
2049	warning: unable to abort locker %lx
2050	Aborting locker %lx
2051	%lu lockers
2052	locker has write locks
2053	Freeing read locks for locker %#lx: %s
2054	library build did not include support for locking
2055	Lock table is out of available %s

Logging Subsystem Messages

Message Number	Message Text
2501	Set either an lsn range or a time range to verify logs
2502	[%lu][%lu] Unsupported version of log file, ""log file number: %u, log file version: %u, ""supported log version: %u.
2503	callback: initialization
2504	Log verification ended and %s.
2505	Not supported version %lu
2506	file %s has LSN %lu/%lu, past end of log at %lu/%lu
2507	Commonly caused by moving a database from one database environment
2508	to another without clearing the database LSNs, or by removing all of
2509	the log files from a database environment
2510	Logging not currently permitted
2511	DB_ENV->log_put is illegal on replication clients
2512	Non-replication DB_ENV handle attempting
2513	DB_ENV->log_put: record larger than maximum file size (%lu > %lu)
2514	Write failed on MASTER commit.
2515	Short read while restoring log
2516	DB_ENV->log_flush: LSN of %lu/%lu past current end-of-log of %lu/%lu
2517	Database environment corrupt; the wrong log files may
2518	DB_ENV->log_file is illegal with in-memory logs
2519	DB_ENV->log_file: name buffer is too short
2520	%s: log file unreadable
2521	%s: log file open failed
2522	DB_ENV->log_put is illegal on replication clients
2523	library build did not include support for log verification
2524	unable to allocate log region memory
2525	No log files found
2526	Finding last valid log LSN: file: %lu offset %lu
2527	Invalid log file: %s
2528	ignoring log file: %s
2529	Ignoring log file: %s historic byte order

Message Number	Message Text
2530	Ignoring log file: %s: magic number %lx, not %lx
2531	Unacceptable log file %s: unsupported log version %lu
2532	Skipping log file %s: historic log version %lu
2533	log record checksum mismatch
2534	Warning: truncating to point beyond end of log
2535	In-memory log buffer is full (an active transaction spans the buffer)
2536	"[%lu][%lu] Not supported type of log record %u.
2537	[%lu][%lu] [WARNING] Parent txn %lx is updating its ""active child txn %lx's pages, or %lx aborted.
2538	[%lu][%lu] [WARNING] Txn %lx is updating txn %lx's pages.
2539	[%lu][%lu] Verifying log record of type %s
2540	[%lu][%lu] Log record type does not match related database type, ""current database type: %s, expected database type according to ""the log record type: %s.
2541	[%lu][%lu] Suspicious dbreg operation: %s, the ""database file %s's register in log region does ""not begin with an open operation.
2542	[%lu][%lu] Wrong dbreg operation ""sequence, opening %s for id %d which is already ""open.
2543	[%lu][%lu] Wrong dbreg operation sequence,""file %s with id %d is first seen of ""status: %s
2544	[%lu][%lu] The dbtype of database file %s with uid %s "" and id %d has changed from %s to %s.
2545	[%lu][%lu] Wrong dbreg operation sequence for file %s ""with id %d, current status: %s, new status: %s
2546	[%lu][%lu] __ham_groupalloc should apply only to the ""master database with meta page number 0, current meta ""page number is %d.
2547	[%lu][%lu] Can not find an active transaction's ""information, txnid: %lx.
2548	[%lu][%lu] The number of active, committed and aborted ""child txns of txn %lx: %u, %u, %u.
2549	[%lu][%lu] Checkpoint record, ckp_lsn: [%lu][%lu], ""timestamp: %s. Total checkpoint: %u
2550	[%lu][%lu] Last known checkpoint [%lu][%lu] not equal ""to last_ckp :[%lu][%lu]. Some checkpoint log records ""may be missing.

Message Number	Message Text
2551	[%lu][%lu] Last known checkpoint [%lu, %lu] has a ""timestamp %s smaller than this checkpoint timestamp %s.
2552	[%lu][%lu] ckp log's ckp_lsn [%lu][%lu] greater than ""active txn %lx 's first lsn [%lu][%lu]
2553	[%lu][%lu] Can not find an active transaction's ""information, txnid: %lx.
2554	[%lu][%lu] Parent txn %lx ended ""before child txn %lx ends.
2555	[%lu][%lu] Can not find an active ""transaction's information, txnid: %lx.
2556	[%lu][%lu] Txn %lx ended before it commits.
2557	[%lu][%lu] Can not find an active transaction's ""information, txnid: %lx.
2558	[%lu][%lu] Multiple txn_prepare log record for ""transaction %lx, previous prepare lsn: [%lu, %lu].
2559	[%lu][%lu] [WARNING] This log record of type %s ""does not have a greater time stamp than ""[%lu, %lu] of type %s
2560	[%lu][%lu] Transaction %lx is updating a ""db file %d not registered.
2561	[%lu][%lu] Can not find an active transaction's ""information, txnid: %lx.
2562	[%lu][%lu] Previous record for transaction %lx is ""[%lu][%lu] and prev_lsn is [%lu][%lu].
2563	[%lu][%lu] Update action is performed in a ""prepared transaction %lx.
2564	[%lu][%lu] Transaction id %lx reused without ""being recycled with a __txn_recycle.
2565	[%lu][%lu] Non-transactional update, ""log type: %u, fileid: %d.
2566	[%lu][%lu] Can not find an active transaction's ""information, txnid: %lx.
2567	[%lu][%lu] Txn %lx aborted after this log record.
2568	The number of active, committed and aborted child txns ""of txn %lx: %u, %u, %u.
2569	log region size must be >= %d
2570	no absolute path for the current directory
2571	log file auto-remove
2572	DB_ENV->log_archive: bad log record
2573	DB_ENV->log_archive: unable to read log record
2574	DB_LOGC->get: unset cursor

Message Number	Message Text
2575	DB_LOGC->get: invalid LSN: %lu/%lu
2576	Encountered zero length records while traversing backwards
2577	DB_LOGC->get: log record LSN %lu/%lu: ""checksum mismatch, hdr.chksum: %s, hdr.prev: %u, ""hdr.len: %u, log type: %u. Skipping it and ""continuing with the %s one
2578	DB_LOGC->get: log record LSN %lu/%lu: checksum mismatch
2579	DB_LOGC->get: catastrophic recovery may be required
2580	DB_LOGC->get: LSN %lu/%lu: invalid log record header
2581	DB_LOGC->get: LSN: %lu/%lu: read
2582	DB_LOGC->get: LSN: %lu/%lu: short read

Memory Pool Messages

Message Number	Message Text
3001	%smethod not permitted when replication is configured
3002	%s: non-transactional update to a multiversion file
3003	individual cache size too large: maximum is 4GB
3004	individual cache size too large: maximum is 10TB
3005	Truncate beyond the end of file
3006	Can't get the required free size while
3007	DB_ENV->memp_trickle: %d: percent must be between 1 and 100
3008	%s: dirty flag set for readonly file page
3009	%s: error releasing a read-only page
3010	%s: error getting a page for writing
3011	%s: more pages returned than retrieved
3012	%s: page %lu: unpinned page returned
3013	__memp_fput: pinned buffer not found for thread %s
3014	unable to create temporary backing file
3015	%s: write failed for page %lu
3016	%s: %s failed for page %lu
3017	unable to allocate space from the buffer cache
3018	%s: unwritable page %d remaining in the cache after error %d
3019	cannot remove the last cache
3020	cannot resize to %lu cache regions: maximum is %lu
3021	%s: dirty flag set for readonly file page
3022	%s: page %lu: reference count overflow
3023	%s: file limited to %lu pages
3024	%s: file limited to %lu pages
3025	DB_MPOOLFILE->get: buffer data is NOT size_t aligned
3026	Unable to allocate memory for mpool region
3027	%s: unable to flush page: %lu
3028	%s: unable to flush
3029	DB_ENV->memp_fcreate: method not permitted when replication is configured
3030	get_fileid: file ID not set
3031	DB_MPOOLFILE->get_priority: unknown priority value: %d

Message Number	Message Text
3032	DB_MPOOLFILE->set_priority: unknown priority value: %d
3033	DB_MPOOLFILE->open: page sizes must be a power-of-2
3034	DB_MPOOLFILE->open: clear length larger than page size
3035	DB_MPOOLFILE->open: temporary files can't be readonly
3036	DB_MPOOLFILE->open: DB_MULTIVERSION requires transactions
3037	%s: file size not a multiple of the pagesize
3038	%s: clear length, page size or LSN location changed
3039	Cannot open DURABLE and NOT DURABLE handles in the same file
3040	%s: close: %lu blocks left pinned

Replication Messages

Message Number	Message Text
3501	Request for LSN [%lu][%lu] not found
3502	Client initialization failed. Need to manually restore client
3503	rep_send_message: Unknown rep version %lu, my version %lu
3504	Operation locked out. Waiting for replication lockout to complete
3509	Operation locked out. Waiting for replication lockout to complete
3510	Waiting for %s (%lu) to complete replication lockout
3511	Waiting for %s (%lu) to complete replication lockout for %d minutes
3512	%s cannot call from Replication Manager application
3513	DB_ENV->rep_process_message: control argument must be specified
3514	Environment not configured as replication master or client
3515	DB_ENV->rep_process_message: error retrieving DBT contents
3516	unsupported old replication message version %lu, minimum version %d
3517	unexpected replication message version %lu, expected %d
3518	unsupported old replication log version %lu, minimum version %d
3519	unexpected log record version %lu, expected %d
3520	Inconsistent lease configuration
3521	DB_ENV->rep_process_message: unknown replication message: type %lu
3522	failed to read the log at [%lu][%lu]
3523	transaction failed at [%lu][%lu]
3524	collect failed at: [%lu][%lu]
3525	Error syncing ckp [%lu][%lu]
3526	Error processing txn [%lu][%lu]
3527	DB_ENV->rep_elect: cannot call from Replication Manager application
3528	DB_ENV->rep_elect: must be called after DB_ENV->rep_set_transport
3529	DB_ENV->rep_elect: must be called after DB_ENV->rep_start
3530	DB_ENV->rep_elect: nsites must be zero if leases configured

Message Number	Message Text
3531	DB_ENV->rep_elect:WARNING: nvotes (%d) is sub-majority with nsites (%d)
3532	DB_ENV->rep_elect: nvotes (%d) is larger than nsites (%d)
3533	No electable site found: recvd %d of %d votes from %d sites
3534	Not enough votes to elect: recvd %d of %d from %d sites
3535	Application type mismatch for a replication
3548	%s cannot configure repmgr settings from base replication application
3549	%s in-memory replication must be configured before DB_ENV->open
3550	DB_ENV->rep_set_config: leases must be
3551	DB_ENV->rep_set_config: leases cannot be turned off
3552	DB_ENV->rep_start: cannot call from Replication Manager application
3553	DB_ENV->rep_start: must specify DB_REP_CLIENT or DB_REP_MASTER
3554	DB_ENV->rep_start: must be called after DB_ENV->rep_set_transport
3555	DB_ENV->rep_start: must call DB_ENV->rep_set_timeout for leases first
3556	DB_ENV->rep_start: Cannot become master during internal init
3557	rep_start: Cannot become master without being elected when using leases.
3558	rep_start: Cannot become master with outstanding lease granted.
3559	First record not found
3560	Checkpoint record at LSN [%lu][%lu] not found
3561	Invalid checkpoint record at [%lu][%lu]
3562	Checkpoint LSN record [%lu][%lu] not found
3563	Attempt to get first log record failed
3564	Final log record not found
3565	DB_ENV->rep_set_nsites: cannot call from Replication Manager application
3566	timeout value must be > 0
3567	%scannot set Replication Manager timeout from base replication application
3568	%s: lease timeout must be set before DB_ENV->rep_start.

Message Number	Message Text
3569	Unknown timeout type argument to DB_ENV->rep_set_timeout
3570	unknown timeout type argument to DB_ENV->rep_get_timeout
3571	DB_ENV->rep_set_request: Invalid min or max values
3572	DB_ENV->rep_set_transport: cannot call from
3573	DB_ENV->rep_set_transport: no send function specified
3574	DB_ENV->rep_set_transport: eid must be greater than or equal to 0
3575	DB_ENV->rep_set_clockskew: Zero only valid for
3576	DB_ENV->rep_set_clockskew: slow_clock value is
3577	DB_ENV->rep_set_clockskew: must be called before DB_ENV->rep_start
3578	DB_ENV->rep_flush: must be called after DB_ENV->rep_set_transport
3579	DB_ENV->rep_sync: must be called after DB_ENV->rep_set_transport
3580	non-replication commit token in replication env
3581	library build did not include support for replication
3582	closing socket
3583	releasing WSA event object
3584	can't create listen socket
3585	can't set REUSEADDR socket option
3586	can't bind socket to listening address
3587	listen()
3588	can't unblock listen socket
3589	unable to initialize Windows networking
3590	can't create event for listen socket
3591	can't enable event for listener
3592	can't set event bits 0x%lx
3593	EnumNetworkEvents
3613	"unexpected msg type %d in state %d
3614	select loop failed
3615	accept error
3616	can't set nonblock after accept
3617	connector thread failed

Message Number	Message Text
3618	set_nonblock in connnect thread
3619	illegal size for rep msg
3620	unexpected msg type %d in PARAMETERS state
3621	unexpected msg type rcvd in ready state: %d
3622	No available version between %lu and %lu
3623	Can't support confirmed version %lu
3624	handshake is missing rec part
3625	malformed V1 handshake
3626	can't set KEEPALIVE socket option
3627	bad ack msg size
3628	library build did not include support for the Replication Manager
3629	unexpected election failure
3630	pthread_attr_init in repmgr_thread_start
3631	pthread_attr_setstacksize in repmgr_thread_start
3632	can't access signal handler
3633	can't access signal handler
3634	select
3635	repmgr_start: unrecognized flags parameter value
3636	Replication Manager needs an environment with DB_THREAD
3637	A local site must be named before calling repmgr_start
3638	repmgr is shutting down
3639	a non-zero flags value is required for initial repmgr_start() call
3640	repmgr is already started
3641	repmgr_start: nthreads parameter must be >= %d
3642	can't configure repmgr elections from subordinate process
3643	subsequent repmgr_start() call may not specify DB_REP_ELECTION
3644	repmgr_start: nthreads parameter must be >= 0
3645	can't start selector thread
3646	unknown ack_policy in DB_ENV->repmgr_set_ack_policy
3648	repmgr_site: a host name is required
3649	repmgr_site: port out of range [1,%u]

Message Number	Message Text
3650	DB_ENV->repmgr_channel: must be called after DB_ENV->repmgr_start
3651	repmgr is shutting down
3652	%d is not a valid remote EID
3653	set_nonblock channel
3654	DB_CHANNEL->send_request() not supported on DB_EID_BROADCAST channel
3655	No message dispatch call-back function has been configured
3656	Application failed to provide a response
3657	a response has already been sent
3658	originator does not accept multi-segment response
3659	originator's USERMEM buffer too small
3660	%s() invalid on DB_CHANNEL supplied to msg dispatch function
3661	%s: cannot call from base replication application
3662	Can't determine EID before env open
3663	Site config value not applicable to local site
3664	Site config value not applicable to remote site
3665	Unrecognized site config value
3666	A previously given local site may not be unset
3667	A (different) local site has already been set
3668	Local site cannot have HELPER or PEER attributes
3669	repmgr threads are not running
3670	No message dispatch call-back function has been configured
3671	Application failed to provide a response
3672	Nsites unknown before repmgr_start()
3673	rep_start
3674	A mismatching local site address has been set in the environment
3675	Not enough input bytes to fill a __repmgr_connect_reject message

Sequences Messages

Message Number	Message Text
4001	Zero length sequence key specified
4002	Sequences not supported in databases configured for duplicate data
4003	Sequence value out of range
4004	Sequence create failed
4005	Bad sequence record format
4006	Unsupported sequence version: %d
4007	Cache size must be >= 0
4008	Sequence value out of range
4009	Minimum sequence value must be less than maximum sequence value
4010	Bad sequence record format
4011	Sequence overflow
4012	Sequence update failed
4013	Sequence overflow
4014	Number of items to be cached is larger than the sequence range
4015	library build did not include support for sequences
4016	Heap databases may not be used with sequences.

Transaction Messages

Message Number	Message Text
4501	Transaction has in memory logs
4502	Transaction has in memory logs
4503	Aborting txn %#lx: %s
4504	Transaction abort failed
4505	operation not permitted while in recovery
4506	Invalid checkpoint record at [%lu][%lu]
4507	No log records
4508	Unable to allocate memory for the transaction region
4509	unable to discard txn %#lx
4510	unable to abort transaction %#lx
4511	Error: closing the transaction region with active transactions
4512	Current ID value %lu below minimum
4513	Maximum ID value %lu below minimum
4514	txnid %lx commit record found, already on commit list
4515	transaction not in list %lx
4516	Transaction not in list %x
4517	txnid %lx commit record found, already on commit list
4518	txn_checkpoint: failed to flush the buffer cache
4519	txn_checkpoint: failed to flush the buffer cache
4520	txn_checkpoint: log failed at LSN [%ld %ld]
4521	Family transactions cannot have parents
4522	Child transaction snapshot setting must match parent
4523	Unable to allocate transaction recycle buffer
4524	operation not permitted during recovery
4525	Unable to allocate memory for transaction detail
4526	commit token unavailable for nested txn
4527	may not be called on a replication client
4528	DB_TXN->prepare: log_write failed
4529	Unable to allocate memory for transaction name
4530	operation not permitted during recovery
4531	transaction has active cursors
4532	not a restored transaction

Message Number	Message Text
4533	Prepare disallowed on child transactions
4534	transaction already prepared
4535	transaction already %s
4536	DB_TXN->abort: in-memory log undo failed
4537	DB_TXN->abort: log undo failed for LSN: %lu %lu
4538	Child transaction is active
4539	replication commit token in non-replication env
4540	xa_get_txn: transaction begin failed
4541	xa_get_txn: XA transaction with parent
4542	xa_get_txn: transaction does not exist
4543	xa_get_txn: txn_continue fails
4544	xa_get_txn: os_malloc failed
4545	xa_open: Failure creating env handle
4546	xa_open: Failure setting thread count
4547	xa_open: Failure opening environment
4548	xa_open: Failure getting log configuration
4549	xa_open: In-memory logging not allowed in XA environment
4550	xa_start: failure mapping xid
4551	xa_end: failure mapping xid
4552	xa_end: cannot end with open cursors
4553	xa_end: txn_detail mismatch
4554	xa_end: ending transaction that is idle
4555	xa_prepare: failure mapping xid
4556	xa_prepare: xid not found
4557	xa_prepare: transaction neither active nor idle
4558	xa_prepare: txnp->prepare failed
4559	xa_commit: failure mapping xid
4560	xa_commit: xid not found
4561	xa_commit: commiting transaction active in branch
4562	xa_commit: attempting to commit unprepared transaction
4563	xa_commit: txnp->commit failed
4564	xa_recover: txn_get_prepared failed
4565	xa_rollback: failure mapping xid
4566	xa_rollback: xid not found

Message Number	Message Text
4567	xa_rollback: transaction in invalid state %d
4568	xa_rollback: failure aborting transaction
4569	xa_forget: failure mapping xid
4570	xa_forget: xid not found
4571	xa_forget: txnp->discard failed

Command Line Utilities Messages

Message Number	Message Text
5001	%s: Unsupported database type
5002	%s: version %d.%d doesn't match library version %d.%d
5003	%s: version %d.%d doesn't match library version %d.%d
5004	[%lu][%lu] App-specific log record: %lu data:
5005	%s: strdup: %s
5006	%s: illegal option combination
5007	Unknown statistics flag
5008	close
5009	%s: version %d.%d doesn't match library version %d.%d
5010	%s: strdup: %s
5011	callback: initialization
5012	callback: initialization
5013	tx: dispatch
5014	Unknown version %lu
5015	%s: version %d.%d doesn't match library version %d.%d
5016	[%lu][%lu]application specific record: rec: %lu
5017	data:
5018	%s: strdup: %s
5019	%s: %s upgraded successfully
5020	%s: version %d.%d doesn't match library version %d.%d
5021	%s: strdup: %s
5022	recovery %d%% complete
5023	%s: localtime: %s
5024	%s: out of range or illegal time specification: [[CC]YY]MMDDhhmm[.SS]
5025	%s: version %d.%d doesn't match library version %d.%d
5026	%s: strdup: %s
5027	%s: cannot specify -d and -c
5028	%s: cannot specify -D and -d or -l
5029	%s failed to get environment variable DB_HOME: %s
5030	%s: no source database environment specified
5031	%s: no target backup directory specified
5032	%s: hot backup started at %s

Message Number	Message Text
5033	%s: DB_CONFIG must not contain an absolute ""path for the log directory
5034	%s: dbenv->set_flags(DB_HOTBACKUP_IN_PROGRESS, 1): %s
5035	%s: %s: force checkpoint
5036	%s: %s: remove unnecessary log files
5037	%s: data directory '%s' is absolute path, not permitted with -D option
5038	%s: the largest log file removed (%d) must be greater
5039	%s: than or equal the smallest log file copied (%d)
5040	%s: %s: run catastrophic recovery
5041	%s: %s: remove unnecessary log files
5042	%s: hot backup completed at %s
5043	%s: HOT BACKUP FAILED!
5044	%s%c%s: path too long
5045	%s: directory read
5046	%s%c%s: path too long
5047	%s: removing %s
5048	%s: highest numbered log file removed: %d
5049	%s%c%s: path too long
5050	%s: cannot create
5051	%s%c%s: path too long
5052	%s: directory read
5053	%s%c%s: path too long
5054	%s%c%s: path too long
5055	%s: cannot create
5056	%s%c%s: path too long
5057	%s: cannot specify -l with conflicting DB_CONFIG file
5058	%s: use of -l with DB_CONFIG file is deprecated
5059	%s%c%s: path too long
5060	%s%c%s: path too long
5061	%s%c%s: path too long
5062	%s: moving %s to %s
5063	%s: removing %s
5064	unlink of %s failed
5065	%s: lowest numbered log file copied: %d

Message Number	Message Text
5066	%s: copying database %s to %s%c%s
5067	%lu buffer allocation
5068	%s%c%s: path too long
5069	%s: %s%c%s not present
5070	%s%c%s: path too long
5071	%s: version %d.%d doesn't match library version %d.%d
5072	%s: %s: reopen: %s
5073	%s: strdup: %s
5074	No keys specified in file
5075	Keys specified in file
5076	Btree and Hash must specify keys
5077	improper database type conversion specified
5078	no database type specified
5079	odd number of key/data pairs
5080	%s: line %d: key already exists, not loaded:
5081	command-line configuration uses name=value format
5082	unknown command-line configuration keyword "%s"
5083	error reading db name
5084	line %lu: VERSION %d is unsupported
5085	line %lu: unknown type
5086	unknown input-file header configuration keyword "%s"
5087	line %lu: unexpected format
5088	unable to allocate memory
5089	boolean name=value pairs require a value of 0 or 1
5090	unexpected end of input data or key/data pair
5091	%s: version %d.%d doesn't match library version %d.%d
5092	Cannot run %s without Replication Manager.
5093	Program name too long
5094	%s: strdup: %s
5095	db_replicate begin: %s
5096	received panic event
5097	ignoring event %d
5098	%s: version %d.%d doesn't match library version %d.%d
5099	%s: %lu %s %s: message too long

Message Number	Message Text
5100	%s: strdup: %s
5101	open
5102	running at %.24s
5103	rejected %d locks
5104	%s: version %d.%d doesn't match library version %d.%d
5105	Verification of %s %s.
5106	close
5107	%s: version %d.%d doesn't match library version %d.%d
5108	%s: %s: reopen: %s
5109	%s: strdup: %s
5110	%s: the -d and -p options may not both be specified
5111	%s: the -l and -s options may not both be specified
5112	%s: the -m option may not be specified with -l or -s
5113	%s: the -k and -r or -R options may not both be specified
5114	%s: the -r or R options may not be specified with -m or -s
5115	open: %s
5116	%s: does not contain multiple databases
5117	close
5118	%s: version %d.%d doesn't match library version %d.%d
5119	%s: strdup: %s
5120	%s: version %d.%d doesn't match library version %d.%d
5121	%s: strdup: %s
5122	%s: at least one of -1, -k and -p must be specified
5123	checkpoint begin: %s
5124	checkpoint complete: %s
5125	%s: version %d.%d doesn't match library version %d.%d
5126	dbm: no open database.
5127	Heap must not specify keys
5128	improper database type conversion specified
5129	%s: Cannot copy data from a PRIVATE environment