Firebird 1.5 Error Codes

from msg.gbak, release sources

SQLCODE	GDSCODE	SYMBOL	TEXT
101	335544366	segment	Segment buffer length shorter than expected
100	335544338	from_no_match	No match for first value expression
100	335544354	no_record	Invalid database key
100	335544367	segstr_eof	Attempted retrieval of more segments than exist
100	335544374	stream_eof	Attempt to fetch past the last record in a record stream
-84	335544554	nonsql_security_rel	Table/procedure has non-SQL security class defined
-84	335544555	nonsql_security_fld	Column has non-SQL security class defined
-84	335544668	dsql_procedure_use_err	Procedure <string> does not return any values
-85	335544747	usrname_too_long	The username entered is too long. Maximum length is 31 bytes.
-85	335544748	password_too_long	The password specified is too long. Maximum length is 8 bytes.
-85	335544749	usrname_required	A username is required for this operation.
-85	335544750	password_required	A password is required for this operation
-85	335544751	bad_protocol	The network protocol specified is invalid
-85	335544752	dup_usrname_found	A duplicate user name was found in the security database
-85	335544753	usrname_not_found	The user name specified was not found in the security database
-85	335544754	error_adding_sec_record	An error occurred while attempting to add the user.
-85	335544755	error_modifying_sec_record	An error occurred while attempting to modify the user record.
-85	335544756	error_deleting_sec_record	An error occurred while attempting to delete the user record.
-85	335544757	error_updating_sec_db	An error occurred while updating the security database.

-103	335544571	dsql_constant_err	Data type for constant unknown
-104	335544343	invalid_blr	Invalid request BLR at offset <number>
-104	335544390	syntaxerr	BLR syntax error: expected <string> at offset <number>, encountered <number>
-104	335544425	ctxinuse	Context already in use (BLR error)
-104	335544426	ctxnotdef	Context not defined (BLR error)
-104	335544429	badparnum	Bad parameter number
-104	335544440	bad_msg_vec	
-104	335544456	invalid_sdl	Invalid slice description language at offset <number>
-104	335544570	dsql_command_err	Invalid command
-104	335544579	dsql_internal_err	Internal error
-104	335544590	dsql_dup_option	Option specified more than once
-104	335544591	dsql_tran_err	Unknown transaction option
-104	335544592	dsql_invalid_array	Invalid array reference
-104	335544608	command_end_err	Unexpected end of command
-104	335544612	token_err	Token unknown
-104	335544634	dsql_token_unk_err	Token unknown- line <number>, char <number>
-104	335544709	dsql_agg_ref_err	Invalid aggregate reference
-104	335544714	invalid_array_id	Invalid blob id
-104	335544730	cse_not_supported	Client/Server Express not supported in this release
-104	335544743	token_too_long	Token size exceeds limit
-104	335544763	invalid_string_constant	A string constant is delimited by double quotes
-104	335544764	transitional_date	DATE must be changed to TIMESTAMP
-104	335544796	sql_dialect_datatype_unsupport	Client SQL dialect <number> does not support reference to <string> datatype
-104	335544798	depend_on_uncommitted_rel	You created an indirect dependency on uncommitted metadata. You must roll back the current transaction.
-104	335544821	dsql_column_pos_err	Invalid column position used in the <string> clause
-104	335544822	dsql_agg_where_err	Cannot use an aggregate function in a WHERE clause, use HAVING instead

-104	335544823	dsql_agg_group_err	Cannot use an aggregate function in a GROUP BY clause
-104	335544824	dsql_agg_column_err	Invalid expression in the <string> (not contained in either an aggregate function or the GROUP BY clause)
-104	335544825	dsql_agg_having_err	Invalid expression in the <string> (neither an aggregate function nor a part of the GROUP BY clause)
-104	335544826	dsql_agg_nested_err	Nested aggregate functions are not allowed
-104	336003075	dsql_transitional_numeric	Precision 10 to 18 changed from DOUBLE PRECISION in SQL dialect 1 to 64-bit scaled integer in SQL dialect 3
-104	336003077	sql_db_dialect_dtype_unsupport	Database SQL dialect <number> does not support reference to <string> datatype
-104	336003087	dsql_invalid_label	Label <string> <string> in the current scope
-104	336003088	dsql_datatypes_not_comparable	Datatypes <string>are not comparable in expression <string>
-105	335544702	like_escape_invalid	Invalid ESCAPE sequence
-105	335544789	extract_input_mismatch	Specified EXTRACT part does not exist in input datatype
-150	335544360	read_only_rel	Attempted update of read-only table
-150	335544362	read_only_view	Cannot update read-only view <string>
-150	335544446	non_updatable	Not updatable
-150	335544546	constaint_on_view	Cannot define constraints on views
-151	335544359	read_only_field	Attempted update of read-only column
-155	335544658	dsql_base_table	<string> is not a valid base table of the specified view
-157	335544598	specify_field_err	Must specify column name for view select expression
-158	335544599	num_field_err	Number of columns does not match select list
-162	335544685	no_dbkey	Dbkey not available for multi-table views
-170	335544512	prcmismat	Parameter mismatch for procedure <string>
-170	335544619	extern_func_err	External functions cannot have more than 10 parameters

-171	335544439	funmismat	Function <string> could not be matched
-171	335544458	invalid_dimension	Column not array or invalid dimensions (expected <number>, encountered <number>)
-171	335544618	return_mode_err	Return mode by value not allowed for this data type
-172	335544438	funnotdef	Function <string> is not defined
-203	335544708	dyn_fld_ambiguous	Ambiguous column reference.
-204	335544463	gennotdef	Generator <string> is not defined
-204	335544502	stream_not_defined	Reference to invalid stream number
-204	335544509	charset_not_found	CHARACTER SET <string> is not defined
-204	335544511	prcnotdef	Procedure <string> is not defined
-204	335544515	codnotdef	Status code <string> unknown
-204	335544516	xcpnotdef	Exception <string> not defined
-204	335544532	ref_cnstrnt_notfound	Name of Referential Constraint not defined in constraints table.
-204	335544551	grant_obj_notfound	Could not find table/procedure for GRANT
-204	335544568	text_subtype	Implementation of text subtype <number> not located.
-204	335544573	dsql_datatype_err	Data type unknown
-204	335544580	dsql_relation_err	Table unknown
-204	335544581	dsql_procedure_err	Procedure unknown
-204	335544588	collation_not_found	COLLATION <string> is not defined
-204	335544589	collation_not_for_charset	COLLATION <string> is not valid for specified CHARACTER SET
-204	335544595	dsql_trigger_err	Trigger unknown
-204	335544620	alias_conflict_err	Alias <string> conflicts with an alias in the same statement
-204	335544621	procedure_conflict_error	Alias <string> conflicts with a procedure in the same statement
-204	335544622	relation_conflict_err	Alias <string> conflicts with a table in the same statement
-204	335544635	dsql_no_relation_alias	There is no alias or table named <string> at this scope level
-204	335544636	indexname	There is no index <string> for table <string>
-204	335544640	collation_requires_text	Invalid use of CHARACTER SET or COLLATE

-204	335544662	dsql_blob_type_unknown	BLOB SUB_TYPE <string> is not defined
-204	335544759	bad_default_value	Can not define a not null column with NULL as default value
-204	335544760	invalid_clause	Invalid clause--- '<string>'
-204	335544800	too_many_contexts	Too many Contexts of Relation/Procedure/Views. Maximum allowed is 127
-204	335544817	bad_limit_param	Invalid parameter to FIRST. Only integers >= 0 are allowed.
-204	335544818	bad_skip_param	Invalid parameter to SKIP. Only integers >= 0 are allowed.
-204	336003085	dsql_ambiguous_field_name	Ambiguous field name between <string> and <string>
-205	335544396	fldnotdef	Column <string> is not defined in table <string>
-205	335544552	grant_fld_notfound	Could not find column for GRANT
-206	335544578	dsql_field_err	Column unknown
-206	335544587	dsql_blob_err	Column is not a BLOB
-206	335544596	dsql_subselect_err	Subselect illegal in this context
-208	335544617	order_by_err	Invalid ORDER BY clause
-219	335544395	relnotdef	Table <string> is not defined
-239	335544691	cache_too_small	Insufficient memory to allocate page buffer cache
-260	335544690	cache_redef	Cache redefined
-281	335544637	no_stream_plan	Table <string> is not referenced in plan
-282	335544638	stream_twice	Table <string> is referenced more than once in plan; use aliases to distinguish
-282	335544643	dsql_self_join	The table <string> is referenced twice; use aliases to differentiate
-282	335544659	duplicate_base_table	Table <string> is referenced twice in view; use an alias to distinguish
-282	335544660	view_alias	View <string> has more than one base table; use aliases to distinguish
-282	335544710	complex_view	Navigational stream <number> references a view with more than one base table
-283	335544639	stream_not_found	Table <string> is referenced in the plan but not the from list
-284	335544642	index_unused	Index <string> cannot be used in the

specified plan

-291	335544531	primary_key_notnull	Column used in a PRIMARY KEY constraint must be NOT NULL.
-292	335544534	ref_cnstrnt_update	Cannot update constraints (RDB$REF_CONSTRAINTS).
-293	335544535	check_cnstrnt_update	Cannot update constraints (RDB$CHECK_CONSTRAINTS).
-294	335544536	check_cnstrnt_del	Cannot delete CHECK constraint entry (RDB$CHECK_CONSTRAINTS)
-295	335544545	rel_cnstrnt_update	Cannot update constraints (RDB$RELATION_CONSTRAINTS).
-296	335544547	invld_cnstrnt_type	Internal gds software consistency check (invalid RDB$CONSTRAINT_TYPE)
-297	335544558	check_constraint	Operation violates CHECK constraint <string> on view or table <string>
-313	335544669	dsql_count_mismatch	Count of column list and variable list do not match
-314	335544565	transliteration_failed	Cannot transliterate character between character sets
-315	336068815	dyn_dtype_invalid	Cannot change datatype for column <string>. Changing datatype is not supported for BLOB or ARRAY columns.
-383	336068814	dyn_dependency_exists	Column <string> from table <string> is referenced in <string>
-401	335544647	invalid_operator	Invalid comparison operator for find operation
-402	335544368	segstr_no_op	Attempted invalid operation on a BLOB
-402	335544414	blobnotsup	BLOB and array data types are not supported for <string> operation
-402	335544427	datnotsup	Data operation not supported
-406	335544457	out_of_bounds	Subscript out of bounds
-407	335544435	nullsegkey	Null segment of UNIQUE KEY
-413	335544334	convert_error	Conversion error from string "<string>"
-413	335544454	nofilter	Filter not found to convert type <number> to type <number>
-501	335544327	bad_req_handle	Invalid request handle

-501	335544577	dsql_cursor_close_err	Attempt to reclose a closed cursor
-502	335544574	dsql_decl_err	Declared cursor already exists
-502	335544576	dsql_cursor_open_err	Attempt to reopen an open cursor
-504	335544572	dsql_cursor_err	Cursor unknown
-508	335544348	no_cur_rec	No current record for fetch operation
-510	335544575	dsql_cursor_update_err	Cursor not updatable
-518	335544582	dsql_request_err	Request unknown
-519	335544688	dsql_open_cursor_request	The prepare statement identifies a prepare statement with an open cursor
-530	335544466	foreign_key	Violation of FOREIGN KEY constraint "<string>" on table "<string>"
-531	335544597	dsql_crdb_prepare_err	Cannot prepare a CREATE DATABASE/SCHEMA statement
-532	335544469	trans_invalid	Transaction marked invalid by I/O error
-551	335544352	no_priv	No permission for <string> access to <string> <string>
-551	335544790	insufficient_svc_privileges	Service <string> requires SYSDBA permissions. Reattach to the Service Manager using the SYSDBA account.
-552	335544550	not_rel_owner	Only the owner of a table may reassign ownership
-552	335544553	grant_nopriv	User does not have GRANT privileges for operation
-552	335544707	grant_nopriv_on_base	User does not have GRANT privileges on base table/view for operation
-553	335544529	existing_priv_mod	Cannot modify an existing user privilege
-595	335544645	stream_crack	The current position is on a crack
-596	335544644	stream_bof	Illegal operation when at beginning of stream
-597	335544632	dsql_file_length_err	Preceding file did not specify length, so <string> must include starting page number
-598	335544633	dsql_shadow_number_err	Shadow number must be a positive integer
-599	335544607	node_err	Gen.c: node not supported
-599	335544625	node_name_err	A node name is not permitted in a secondary, shadow, cache or log file

			name
-600	335544680	crrp_data_err	Sort error: corruption in data structure
-601	335544646	db_or_file_exists	Database or file exists
-604	335544593	dsql_max_arr_dim_exceeded	Array declared with too many dimensions
-604	335544594	dsql_arr_range_error	Illegal array dimension range
-605	335544682	dsql_field_ref	Inappropriate self-reference of column
-607	335544351	no_meta_update	Unsuccessful metadata update
-607	335544549	systrig_update	Cannot modify or erase a system trigger
-607	335544657	dsql_no_blob_array	Array/BLOB/DATE data types not allowed in arithmetic
-607	335544746	reftable_requires_pk	"REFERENCES table" without "(column)" requires PRIMARY KEY on referenced table
-607	335544815	generator_name	GENERATOR <string>
-607	335544816	udf_name	UDF <string>
-607	336003074	dsql_dbkey_from_non_table	Cannot SELECT RDB$DB_KEY from a stored procedure.
-607	336003086	dsql_udf_return_pos_err	External function should have return position between 1 and <number>
-612	336068812	dyn_domain_name_exists	Cannot rename domain <string> to <string>. A domain with that name already exists.
-612	336068813	dyn_field_name_exists	Cannot rename column <string> to <string>. A column with that name already exists in table <string>.
-615	335544475	relation_lock	Lock on table <string> conflicts with existing lock
-615	335544476	record_lock	Requested record lock conflicts with existing lock
-615	335544507	range_in_use	Refresh range number <number> already in use
-616	335544530	primary_key_ref	Cannot delete PRIMARY KEY being used in FOREIGN KEY definition.
-616	335544539	integ_index_del	Cannot delete index used by an Integrity Constraint
-616	335544540	integ_index_mod	Cannot modify index used by an Integrity Constraint
-616	335544541	check_trig_del	Cannot delete trigger used by a

			CHECK Constraint
-616	335544543	cnstrnt_fld_del	Cannot delete column being used in an Integrity Constraint.
-616	335544630	dependency	There are <number> dependencies
-616	335544674	del_last_field	Last column in a table cannot be deleted
-616	335544728	integ_index_deactivate	Cannot deactivate index used by an Integrity Constraint
-616	335544729	integ_deactivate_primary	Cannot deactivate primary index
-617	335544542	check_trig_update	Cannot update trigger used by a CHECK Constraint
-617	335544544	cnstrnt_fld_rename	Cannot rename column being used in an Integrity Constraint.
-618	335544537	integ_index_seg_del	Cannot delete index segment used by an Integrity Constraint
-618	335544538	integ_index_seg_mod	Cannot update index segment used by an Integrity Constraint
-625	335544347	not_valid	Validation error for column <string>, value "<string>"
-637	335544664	dsql_duplicate_spec	Duplicate specification of <string>- not supported
-660	335544533	foreign_key_notfound	Non-existent PRIMARY or UNIQUE KEY specified for FOREIGN KEY.
-660	335544628	idx_create_err	Cannot create index <string>
-663	335544624	idx_seg_err	Segment count of 0 defined for index <string>
-663	335544631	idx_key_err	Too many keys defined for index <string>
-663	335544672	key_field_err	Too few key columns found for index <string> (incorrect column name?)
-664	335544434	keytoobig	Key size exceeds implementation restriction for index "<string>"
-677	335544445	ext_err	<string> extension error
-685	335544465	bad_segstr_type	Invalid BLOB type for operation
-685	335544670	blob_idx_err	Attempt to index BLOB column in index <string>
-685	335544671	array_idx_err	Attempt to index array column in index <string>
-689	335544403	badpagtyp	Page <number> is of wrong type (expected <number>, found <number>)

-689	335544650	page_type_err	Wrong page type
-690	335544679	no_segments_err	Segments not allowed in expression index <string>
-691	335544681	rec_size_err	New record size of <number> bytes is too big
-692	335544477	max_idx	Maximum indexes per table (<number>) exceeded
-693	335544663	req_max_clones_exceeded	Too many concurrent executions of the same request
-694	335544684	no_field_access	Cannot access column <string> in view <string>
-802	335544321	arith_except	Arithmetic exception, numeric overflow, or string truncation
-803	335544349	no_dup	Attempt to store duplicate value (visible to active transactions) in unique index "<string>"
-803	335544665	unique_key_violation	Violation of PRIMARY or UNIQUE KEY constraint "<string>" on table "<string>"
-804	335544380	wronumarg	Wrong number of arguments on call
-804	335544583	dsql_sqlda_err	SQLDA missing or incorrect version, or incorrect number/type of variables
-804	335544586	dsql_function_err	Function unknown
-804	335544713	dsql_sqlda_value_err	Incorrect values within SQLDA structure
-806	335544600	col_name_err	Only simple column names permitted for VIEW WITH CHECK OPTION
-807	335544601	where_err	No WHERE clause for VIEW WITH CHECK OPTION
-808	335544602	table_view_err	Only one table allowed for VIEW WITH CHECK OPTION
-809	335544603	distinct_err	DISTINCT, GROUP or HAVING not permitted for VIEW WITH CHECK OPTION
-810	335544605	subquery_err	No subqueries permitted for VIEW WITH CHECK OPTION
-811	335544652	sing_select_err	Multiple rows in singleton select
-816	335544651	ext_readonly_err	Cannot insert because the file is readonly or is on a read only medium.
-816	335544715	extfile_uns_op	Operation not supported for EXTERNAL FILE table <string>
-817	335544361	read_only_trans	Attempted update during read-only

transaction

-817	335544371	segstr_no_write	Attempted write to read-only BLOB
-817	335544444	read_only	Operation not supported
-817	335544765	read_only_database	Attempted update on read-only database
-817	335544766	must_be_dialect_2_and_up	SQL dialect <string> is not supported in this database
-817	335544793	ddl_not_allowed_by_db_sql_dial	Metadata update statement is not allowed by the current database SQL dialect <number>
-817	336003079	isc_sql_dialect_conflict_num	DB dialect <number> and client dialect <number> conflict with respect to numeric precision <number>.
-820	335544356	obsolete_metadata	Metadata is obsolete
-820	335544379	wrong_ods	Unsupported on-disk structure for file <string>; found <number>, support <number>
-820	335544437	wrodynver	Wrong DYN version
-820	335544467	high_minor	Minor version too high found <number> expected <number>
-823	335544473	invalid_bookmark	Invalid bookmark handle
-824	335544474	bad_lock_level	Invalid lock level <number>
-825	335544519	bad_lock_handle	Invalid lock handle
-826	335544585	dsql_stmt_handle	Invalid statement handle
-827	335544655	invalid_direction	Invalid direction for find operation
-827	335544718	invalid_key	Invalid key for find operation
-828	335544678	inval_key_posn	Invalid key position
-829	335544616	field_ref_err	Invalid column reference
-829	336068816	dyn_char_fld_too_small	New size specified for column <string> must be at least <number> characters.
-829	336068817	dyn_invalid_dtype_conversion	Cannot change datatype for <string>. Conversion from base type <string> to <string> is not supported.
-829	336068818	dyn_dtype_conv_invalid	Cannot change datatype for column <string> from a character type to a non-character type.
-830	335544615	field_aggregate_err	Column used with aggregate
-831	335544548	primary_key_exists	Attempt to define a second PRIMARY KEY for the same table
-832	335544604	key_field_count_err	FOREIGN KEY column count does

not match PRIMARY KEY

-833	335544606	expression_eval_err	Expression evaluation not supported
-833	335544810	date_range_exceeded	Value exceeds the range for valid dates
-834	335544508	range_not_found	Refresh range number <number> not found
-835	335544649	bad_checksum	Bad checksum
-836	335544517	except	Exception <number>
-837	335544518	cache_restart	Restart shared cache manager
-838	335544560	shutwarn	Database <string> shutdown in <number> seconds
-841	335544677	version_err	Too many versions
-842	335544697	precision_err	Precision must be from 1 to 18
-842	335544698	scale_nogt	Scale must be between zero and precision
-842	335544699	expec_short	Short integer expected
-842	335544700	expec_long	Long integer expected
-842	335544701	expec_ushort	Unsigned short integer expected
-842	335544712	expec_positive	Positive value expected
-901	335544322	bad_dbkey	Invalid database key
-901	335544326	bad_dpb_form	Unrecognized database parameter block
-901	335544328	bad_segstr_handle	Invalid BLOB handle
-901	335544329	bad_segstr_id	Invalid BLOB ID
-901	335544330	bad_tpb_content	Invalid parameter in transaction parameter block
-901	335544331	bad_tpb_form	Invalid format for transaction parameter block
-901	335544332	bad_trans_handle	Invalid transaction handle (expecting explicit transaction start)
-901	335544337	excess_trans	Attempt to start more than <number> transactions
-901	335544339	infinap	Information type inappropriate for object specified
-901	335544340	infona	No information of this type available for object specified
-901	335544341	infunk	Unknown information item
-901	335544342	integ_fail	Action cancelled by trigger (<number>) to preserve data integrity
-901	335544345	lock_conflict	Lock conflict on no wait transaction

-901	335544350	no_finish	Program attempted to exit without finishing database
-901	335544353	no_recon	Transaction is not in limbo
-901	335544355	no_segstr_close	BLOB was not closed
-901	335544357	open_trans	Cannot disconnect database with open transactions (<number> active)
-901	335544358	port_len	Message length error (encountered <number>, expected <number>)
-901	335544363	req_no_trans	No transaction for request
-901	335544364	req_sync	Request synchronization error
-901	335544365	req_wrong_db	Request referenced an unavailable database
-901	335544369	segstr_no_read	Attempted read of a new, open BLOB
-901	335544370	segstr_no_trans	Attempted action on blob outside transaction
-901	335544372	segstr_wrong_db	Attempted reference to BLOB in unavailable database
-901	335544376	unres_rel	Table <string> was omitted from the transaction reserving list
-901	335544377	uns_ext	Request includes a DSRI extension not supported in this implementation
-901	335544378	wish_list	Feature is not supported
-901	335544382	random	<string>
-901	335544383	fatal_conflict	Unrecoverable conflict with limbo transaction <number>
-901	335544392	bdbincon	Internal error
-901	335544407	dbbnotzer	Database handle not zero
-901	335544408	tranotzer	Transaction handle not zero
-901	335544418	trainlim	Transaction in limbo
-901	335544419	notinlim	Transaction not in limbo
-901	335544420	traoutsta	Transaction outstanding
-901	335544428	badmsgnum	Undefined message number
-901	335544431	blocking_signal	Blocking signal has been received
-901	335544442	noargacc_read	Database system cannot read argument <number>
-901	335544443	noargacc_write	Database system cannot write argument <number>
-901	335544450	misc_interpreted	<string>
-901	335544468	tra_state	Transaction <number> is <string>

-901	335544485	bad_stmt_handle	Invalid statement handle
-901	335544510	lock_timeout	Lock time-out on wait transaction
-901	335544559	bad_svc_handle	Invalid service handle
-901	335544561	wrospbver	Wrong version of service parameter block
-901	335544562	bad_spb_form	Unrecognized service parameter block
-901	335544563	svcnotdef	Service <string> is not defined
-901	335544609	index_name	INDEX <string>
-901	335544610	exception_name	EXCEPTION <string>
-901	335544611	field_name	COLUMN <string>
-901	335544613	union_err	Union not supported
-901	335544614	dsql_construct_err	Unsupported DSQL construct
-901	335544623	dsql_domain_err	Illegal use of keyword VALUE
-901	335544626	table_name	TABLE <string>
-901	335544627	proc_name	PROCEDURE <string>
-901	335544641	dsql_domain_not_found	Specified domain or source column <string> does not exist
-901	335544656	dsql_var_conflict	Variable <string> conflicts with parameter in same procedure
-901	335544666	srvr_version_too_old	Server version too old to support all CREATE DATABASE options
-901	335544673	no_delete	Cannot delete
-901	335544675	sort_err	Sort error
-901	335544703	svcnoexe	Service <string> does not have an associated executable
-901	335544704	net_lookup_err	Failed to locate host machine.
-901	335544705	service_unknown	Undefined service <string>/<string>.
-901	335544706	host_unknown	The specified name was not found in the hosts file or Domain Name Services.
-901	335544711	unprepared_stmt	Attempt to execute an unprepared dynamic SQL statement.
-901	335544716	svc_in_use	Service is currently busy: <string>
-901	335544731	tra_must_sweep	
-901	335544740	udf_exception	A fatal exception occurred during the execution of a user defined function.
-901	335544741	lost_db_connection	Connection lost to database
-901	335544742	no_write_user_priv	User cannot write to RDB$USER_PRIVILEGES

-901	335544767	blob_filter_exception	A fatal exception occurred during the execution of a blob filter.
-901	335544768	exception_access_violation	Access violation. The code attempted to access a virtual address without privilege to do so.
-901	335544769	exception_datatype_missalignment	Datatype misalignment. The attempted to read or write a value that was not stored on a memory boundary.
-901	335544770	exception_array_bounds_exceeded	Array bounds exceeded. The code attempted to access an array element that is out of bounds.
-901	335544771	exception_float_denormal_operand	Float denormal operand. One of the floating-point operands is too small to represent a standard float value.
-901	335544772	exception_float_divide_by_zero	Floating-point divide by zero. The code attempted to divide a floating-point value by zero.
-901	335544773	exception_float_inexact_result	Floating-point inexact result. The result of a floating-point operation cannot be represented as a deciaml fraction.
-901	335544774	exception_float_invalid_operand	Floating-point invalid operand. An indeterminant error occurred during a floating-point operation.
-901	335544775	exception_float_overflow	Floating-point overflow. The exponent of a floating-point operation is greater than the magnitude allowed.
-901	335544776	exception_float_stack_check	Floating-point stack check. The stack overflowed or underflowed as the result of a floating-point operation.
-901	335544777	exception_float_underflow	Floating-point underflow. The exponent of a floating-point operation is less than the magnitude allowed.
-901	335544778	exception_integer_divide_by_zero	Integer divide by zero. The code attempted to divide an integer value by an integer divisor of zero.
-901	335544779	exception_integer_overflow	Integer overflow. The result of an integer operation caused the most significant bit of the result to carry.
-901	335544780	exception_unknown	An exception occurred that does not have a description. Exception number %X.
-901	335544781	exception_stack_overflow	Stack overflow. The resource

			requirements of the runtime stack have exceeded the memory available to it.
-901	335544782	exception_sigsegv	Segmentation Fault. The code attempted to access memory without priviledges.
-901	335544783	exception_sigill	Illegal Instruction. The Code attempted to perfrom an illegal operation.
-901	335544784	exception_sigbus	Bus Error. The Code caused a system bus error.
-901	335544785	exception_sigfpe	Floating Point Error. The Code caused an Arithmetic Exception or a floating point exception.
-901	335544786	ext_file_delete	Cannot delete rows from external files.
-901	335544787	ext_file_modify	Cannot update rows in external files.
-901	335544788	adm_task_denied	Unable to perform operation. You must be either SYSDBA or owner of the database
-901	335544794	cancelled	Operation was cancelled
-901	335544797	svcnouser	User name and password are required while attaching to the services manager
-901	335544801	datype_notsup	Data type not supported for arithmetic
-901	335544803	dialect_not_changed	Database dialect not changed.
-901	335544804	database_create_failed	Unable to create database <string>
-901	335544805	inv_dialect_specified	Database dialect <number> is not a valid dialect.
-901	335544806	valid_db_dialects	Valid database dialects are <string>.
-901	335544811	inv_client_dialect_specified	Passed client dialect <number> is not a valid dialect.
-901	335544812	valid_client_dialects	Valid client dialects are <string>.
-901	335544814	service_not_supported	Services functionality will be supported in a later version of the product
-901	335740929	gfix_db_name	Data base file name (<string>) already given
-901	335740930	gfix_invalid_sw	Invalid switch <string>
-901	335740932	gfix_incmp_sw	Incompatible switch combination
-901	335740933	gfix_replay_req	Replay log pathname required
-901	335740934	gfix_pgbuf_req	Number of page buffers for cache

			required
-901	335740935	gfix_val_req	Numeric value required
-901	335740936	gfix_pval_req	Positive numeric value required
-901	335740937	gfix_trn_req	Number of transactions per sweep required
-901	335740940	gfix_full_req	"full" or "reserve" required
-901	335740941	gfix_usrname_req	User name required
-901	335740942	gfix_pass_req	Password required
-901	335740943	gfix_subs_name	Subsystem name
-901	335740945	gfix_sec_req	Number of seconds required
-901	335740946	gfix_nval_req	Numeric value between 0 and 32767 inclusive required
-901	335740947	gfix_type_shut	Must specify type of shutdown
-901	335740948	gfix_retry	Please retry, specifying an option
-901	335740951	gfix_retry_db	Please retry, giving a database name
-901	335740991	gfix_exceed_max	Internal block exceeds maximum size
-901	335740992	gfix_corrupt_pool	Corrupt pool
-901	335740993	gfix_mem_exhausted	Virtual memory exhausted
-901	335740994	gfix_bad_pool	Bad pool id
-901	335740995	gfix_trn_not_valid	Transaction state <number> not in valid range.
-901	335741012	gfix_unexp_eoi	Unexpected end of input
-901	335741018	gfix_recon_fail	Failed to reconnect to a transaction in database <string>
-901	335741036	gfix_trn_unknown	Transaction description item unknown
-901	335741038	gfix_mode_req	"read_only" or "read_write" required
-901	336068796	dyn_role_does_not_exist	SQL role <string> does not exist
-901	336068797	dyn_no_grant_admin_opt	User <string> has no grant admin option on SQL role <string>
-901	336068798	dyn_user_not_role_member	User <string> is not a member of SQL role <string>
-901	336068799	dyn_delete_role_failed	<string> is not the owner of SQL role <string>
-901	336068800	dyn_grant_role_to_user	<string> is a SQL role and not a user
-901	336068801	dyn_inv_sql_role_name	User name <string> could not be used for SQL role
-901	336068802	dyn_dup_sql_role	SQL role <string> already exists
-901	336068803	dyn_kywd_spec_for_role	Keyword <string> can not be used as

			a SQL role name
-901	336068804	dyn_roles_not_supported	SQL roles are not supported in on older versions of the database. A backup and restore of the database is required.
-901	336068820	dyn_zero_len_id	Zero length identifiers are not allowed
-901	336330753	gbak_unknown_switch	Found unknown switch
-901	336330754	gbak_page_size_missing	Page size parameter missing
-901	336330755	gbak_page_size_toobig	Page size specified (<number>) greater than limit (8192 bytes)
-901	336330756	gbak_redir_ouput_missing	Redirect location for output is not specified
-901	336330757	gbak_switches_conflict	Conflicting switches for backup/restore
-901	336330758	gbak_unknown_device	Device type <string> not known
-901	336330759	gbak_no_protection	Protection is not there yet
-901	336330760	gbak_page_size_not_allowed	Page size is allowed only on restore or create
-901	336330761	gbak_multi_source_dest	Multiple sources or destinations specified
-901	336330762	gbak_filename_missing	Requires both input and output filenames
-901	336330763	gbak_dup_inout_names	Input and output have the same name. Disallowed.
-901	336330764	gbak_inv_page_size	Expected page size, encountered "<string>"
-901	336330765	gbak_db_specified	REPLACE specified, but the first file <string> is a database
-901	336330766	gbak_db_exists	Database <string> already exists. To replace it, use the-R switch
-901	336330767	gbak_unk_device	Device type not specified
-901	336330772	gbak_blob_info_failed	Gds_$blob_info failed
-901	336330773	gbak_unk_blob_item	Do not understand BLOB INFO item <number>
-901	336330774	gbak_get_seg_failed	Gds_$get_segment failed
-901	336330775	gbak_close_blob_failed	Gds_$close_blob failed
-901	336330776	gbak_open_blob_failed	Gds_$open_blob failed
-901	336330777	gbak_put_blr_gen_id_failed	Failed in put_blr_gen_id
-901	336330778	gbak_unk_type	Data type <number> not understood
-901	336330779	gbak_comp_req_failed	Gds_$compile_request failed

-901	336330780	gbak_start_req_failed	Gds_$start_request failed
-901	336330781	gbak_rec_failed	gds_$receive failed
-901	336330782	gbak_rel_req_failed	Gds_$release_request failed
-901	336330783	gbak_db_info_failed	gds_$database_info failed
-901	336330784	gbak_no_db_desc	Expected database description record
-901	336330785	gbak_db_create_failed	Failed to create database <string>
-901	336330786	gbak_decomp_len_error	RESTORE: decompression length error
-901	336330787	gbak_tbl_missing	Cannot find table <string>
-901	336330788	gbak_blob_col_missing	Cannot find column for BLOB
-901	336330789	gbak_create_blob_failed	Gds_$create_blob failed
-901	336330790	gbak_put_seg_failed	Gds_$put_segment failed
-901	336330791	gbak_rec_len_exp	Expected record length
-901	336330792	gbak_inv_rec_len	Wrong length record, expected <number> encountered <number>
-901	336330793	gbak_exp_data_type	Expected data attribute
-901	336330794	gbak_gen_id_failed	Failed in store_blr_gen_id
-901	336330795	gbak_unk_rec_type	Do not recognize record type <number>
-901	336330796	gbak_inv_bkup_ver	Expected backup version 1, 2, or 3. Found <number>
-901	336330797	gbak_missing_bkup_desc	Expected backup description record
-901	336330798	gbak_string_trunc	String truncated
-901	336330799	gbak_cant_rest_record	warning-- record could not be restored
-901	336330800	gbak_send_failed	Gds_$send failed
-901	336330801	gbak_no_tbl_name	No table name for data
-901	336330802	gbak_unexp_eof	Unexpected end of file on backup file
-901	336330803	gbak_db_format_too_old	Database format <number> is too old to restore to
-901	336330804	gbak_inv_array_dim	Array dimension for column <string> is invalid
-901	336330807	gbak_xdr_len_expected	Expected XDR record length
-901	336330817	gbak_open_bkup_error	Cannot open backup file <string>
-901	336330818	gbak_open_error	Cannot open status and error output file <string>
-901	336330934	gbak_missing_block_fac	Blocking factor parameter missing
-901	336330935	gbak_inv_block_fac	Expected blocking factor,

			encountered "<string>"
-901	336330936	gbak_block_fac_specified	A blocking factor may not be used in conjunction with device CT
-901	336330940	gbak_missing_username	User name parameter missing
-901	336330941	gbak_missing_password	Password parameter missing
-901	336330952	gbak_missing_skipped_bytes	missing parameter for the number of bytes to be skipped
-901	336330953	gbak_inv_skipped_bytes	Expected number of bytes to be skipped, encountered "<string>"
-901	336330965	gbak_err_restore_charset	Bad attribute for RDB$CHARACTER_SETS
-901	336330967	gbak_err_restore_collation	Bad attribute for RDB$COLLATIONS
-901	336330972	gbak_read_error	Unexpected I/O error while reading from backup file
-901	336330973	gbak_write_error	Unexpected I/O error while writing to backup file
-901	336330985	gbak_db_in_use	Could not drop database <string> (database might be in use)
-901	336330990	gbak_sysmemex	System memory exhausted
-901	336331002	gbak_restore_role_failed	Bad attributes for restoring SQL role
-901	336331005	gbak_role_op_missing	SQL role parameter missing
-901	336331010	gbak_page_buffers_missing	Page buffers parameter missing
-901	336331011	gbak_page_buffers_wrong_param	Expected page buffers, encountered "<string>"
-901	336331012	gbak_page_buffers_restore	Page buffers is allowed only on restore or create
-901	336331014	gbak_inv_size	Size specification either missing or incorrect for file <string>
-901	336331015	gbak_file_outof_sequence	File <string> out of sequence
-901	336331016	gbak_join_file_missing	Can't join-- one of the files missing
-901	336331017	gbak_stdin_not_supptd	standard input is not supported when using join operation
-901	336331018	gbak_stdout_not_supptd	Standard output is not supported when using split operation
-901	336331019	gbak_bkup_corrupt	Backup file <string> might be corrupt
-901	336331020	gbak_unk_db_file_spec	Database file specification missing
-901	336331021	gbak_hdr_write_failed	Can't write a header record to file <string>
-901	336331022	gbak_disk_space_ex	Free disk space exhausted

-901	336331023	gbak_size_lt_min	File size given (<number>) is less than minimum allowed (<number>)
-901	336331025	gbak_svc_name_missing	Service name parameter missing
-901	336331026	gbak_not_ownr	Cannot restore over current database, must be SYSDBA or owner of the existing database.
-901	336331031	gbak_mode_req	"read_only" or "read_write" required
-901	336331033	gbak_just_data	Just data ignore all constraints etc.
-901	336331034	gbak_data_only	Restoring data only ignoring foreign key, unique, not null & other constraints
-901	336723983	gsec_cant_open_db	Unable to open database
-901	336723984	gsec_switches_error	Error in switch specifications
-901	336723985	gsec_no_op_spec	No operation specified
-901	336723986	gsec_no_usr_name	No user name specified
-901	336723987	gsec_err_add	Add record error
-901	336723988	gsec_err_modify	Modify record error
-901	336723989	gsec_err_find_mod	Find/modify record error
-901	336723990	gsec_err_rec_not_found	Record not found for user: <string>
-901	336723991	gsec_err_delete	Delete record error
-901	336723992	gsec_err_find_del	Find/delete record error
-901	336723996	gsec_err_find_disp	Find/display record error
-901	336723997	gsec_inv_param	Invalid parameter, no switch defined
-901	336723998	gsec_op_specified	Operation already specified
-901	336723999	gsec_pw_specified	Password already specified
-901	336724000	gsec_uid_specified	Uid already specified
-901	336724001	gsec_gid_specified	Gid already specified
-901	336724002	gsec_proj_specified	Project already specified
-901	336724003	gsec_org_specified	Organization already specified
-901	336724004	gsec_fname_specified	First name already specified
-901	336724005	gsec_mname_specified	Middle name already specified
-901	336724006	gsec_lname_specified	Last name already specified
-901	336724008	gsec_inv_switch	Invalid switch specified
-901	336724009	gsec_amb_switch	Ambiguous switch specified
-901	336724010	gsec_no_op_specified	No operation specified for parameters
-901	336724011	gsec_params_not_allowed	No parameters allowed for this operation

-901	336724012	gsec_incompat_switch	Incompatible switches specified
-901	336724044	gsec_inv_username	Invalid user name (maximum 31 bytes allowed)
-901	336724045	gsec_inv_pw_length	Warning- maximum 8 significant bytes of password used
-901	336724046	gsec_db_specified	Database already specified
-901	336724047	gsec_db_admin_specified	Database administrator name already specified
-901	336724048	gsec_db_admin_pw_specified	Database administrator password already specified
-901	336724049	gsec_sql_role_specified	SQL role name already specified
-901	336920577	gstat_unknown_switch	Found unknown switch
-901	336920578	gstat_retry	Please retry, giving a database name
-901	336920579	gstat_wrong_ods	Wrong ODS version, expected <number>, encountered <number>
-901	336920580	gstat_unexpected_eof	Unexpected end of database file.
-901	336920605	gstat_open_err	Can't open database file <string>
-901	336920606	gstat_read_err	Can't read a database page
-901	336920607	gstat_sysmemex	System memory exhausted
-902	335544333	bug_check	Internal gds software consistency check (<string>)
-902	335544335	db_corrupt	Database file appears corrupt (<string>)
-902	335544344	io_error	I/O error for file %.0s"<string>"
-902	335544346	metadata_corrupt	Corrupt system table
-902	335544373	sys_request	Operating system directive <string> failed
-902	335544384	badblk	Internal error
-902	335544385	invpoolcl	Internal error
-902	335544387	relbadblk	Internal error
-902	335544388	blktoobig	Block size exceeds implementation restriction
-902	335544394	badodsver	Incompatible version of on-disk structure
-902	335544397	dirtypage	Internal error
-902	335544398	waifortra	Internal error
-902	335544399	doubleloc	Internal error
-902	335544400	nodnotfnd	Internal error
-902	335544401	dupnodfnd	Internal error

-902	335544402	locnotmar	Internal error
-902	335544404	corrupt	Database corrupted
-902	335544405	badpage	Checksum error on database page \<number\>
-902	335544406	badindex	Index is broken
-902	335544409	trareqmis	Transaction--request mismatch (synchronization error)
-902	335544410	badhndcnt	Bad handle count
-902	335544411	wrotpbver	Wrong version of transaction parameter block
-902	335544412	wroblrver	Unsupported BLR version (expected \<number\>, encountered \<number\>)
-902	335544413	wrodpbver	Wrong version of database parameter block
-902	335544415	badrelation	Database corrupted
-902	335544416	nodetach	Internal error
-902	335544417	notremote	Internal error
-902	335544422	dbfile	Internal error
-902	335544423	orphan	Internal error
-902	335544432	lockmanerr	Lock manager error
-902	335544436	sqlerr	SQL error code = \<number\>
-902	335544448	bad_sec_info	
-902	335544449	invalid_sec_info	
-902	335544470	buf_invalid	Cache buffer for page \<number\> invalid
-902	335544471	indexnotdefined	There is no index in table \<string\> with id \<number\>
-902	335544472	login	Your user name and password are not defined. Ask your database administrator to set up a Firebird login.
-902	335544506	shutinprog	Database \<string\> shutdown in progress
-902	335544528	shutdown	Database \<string\> shutdown
-902	335544557	shutfail	Database shutdown unsuccessful
-902	335544569	dsql_error	Dynamic SQL Error
-902	335544653	psw_attach	Cannot attach to password database
-902	335544654	psw_start_trans	Cannot start transaction for password database
-902	335544717	err_stack_limit	Stack size insufficient to execute

current request

-902	335544721	network_error	Unable to complete network request to host "<string>".
-902	335544722	net_connect_err	Failed to establish a connection.
-902	335544723	net_connect_listen_err	Error while listening for an incoming connection.
-902	335544724	net_event_connect_err	Failed to establish a secondary connection for event processing.
-902	335544725	net_event_listen_err	Error while listening for an incoming event connection request.
-902	335544726	net_read_err	Error reading data from the connection.
-902	335544727	net_write_err	Error writing data to the connection.
-902	335544732	unsupported_network_drive	Access to databases on file servers is not supported.
-902	335544733	io_create_err	Error while trying to create file
-902	335544734	io_open_err	Error while trying to open file
-902	335544735	io_close_err	Error while trying to close file
-902	335544736	io_read_err	Error while trying to read from file
-902	335544737	io_write_err	Error while trying to write to file
-902	335544738	io_delete_err	Error while trying to delete file
-902	335544739	io_access_err	Error while trying to access file
-902	335544745	login_same_as_role_name	Your login <string> is same as one of the SQL role name. Ask your database administrator to set up a valid Firebird login.
-902	335544791	file_in_use	The file <string> is currently in use by another process. Try again later.
-902	335544795	unexp_spb_form	Unexpected item in service parameter block, expected <string>
-902	335544809	extern_func_dir_error	Function <string> is in <string>, which is not in a permitted directory for external functions.
-902	335544819	io_32bit_exceeded_err	File exceeded maximum size of 2GB. Add another database file or use a 64 bit I/O version of Firebird.
-902	335544820	invalid_savepoint	Unable to find savepoint with name <string> in transaction context
-902	335544831	conf_access_denied	Access to <string> "<string>" is denied by server administrator
-904	335544324	bad_db_handle	Invalid database handle (no active connection)

-904	335544375	unavailable	Unavailable database
-904	335544381	imp_exc	Implementation limit exceeded
-904	335544386	nopoolids	Too many requests
-904	335544389	bufexh	Buffer exhausted
-904	335544391	bufinuse	Buffer in use
-904	335544393	reqinuse	Request in use
-904	335544424	no_lock_mgr	No lock manager available
-904	335544430	virmemexh	Unable to allocate memory from operating system
-904	335544451	update_conflict	Update conflicts with concurrent update
-904	335544453	obj_in_use	Object <string> is in use
-904	335544455	shadow_accessed	Cannot attach active shadow file
-904	335544460	shadow_missing	A file in manual shadow <number> is unavailable
-904	335544661	index_root_page_full	Cannot add index, index root page is full.
-904	335544676	sort_mem_err	Sort error: not enough memory
-904	335544683	req_depth_exceeded	Request depth exceeded. (Recursive definition?)
-904	335544758	sort_rec_size_err	Sort record size of <number> bytes is too big
-904	335544761	too_many_handles	Too many open handles to database
-904	335544792	service_att_err	Cannot attach to services manager
-904	335544799	svc_name_missing	The service name was not specified.
-904	335544813	optimizer_between_err	Unsupported field type specified in BETWEEN predicate.
-904	335544827	exec_sql_invalid_arg	Invalid argument in EXECUTE STATEMENT- cannot convert to string
-904	335544828	exec_sql_invalid_req	Wrong request type in EXECUTE STATEMENT '<string>'
-904	335544829	exec_sql_invalid_var	Variable type (position <number>) in EXECUTE STATEMENT '<string>' INTO does not match returned column type
-904	335544830	exec_sql_max_call_exceeded	Too many recursion levels of EXECUTE STATEMENT
-906	335544744	max_att_exceeded	Maximum user count exceeded. Contact your database administrator.
-909	335544667	drdb_completed_with_errs	Drop database completed with errors

-911	335544459	rec_in_limbo	Record from transaction <number> is stuck in limbo
-913	335544336	deadlock	Deadlock
-922	335544323	bad_db_format	File <string> is not a valid database
-923	335544421	connect_reject	Connection rejected by remote interface
-923	335544461	cant_validate	Secondary server attachments cannot validate databases
-923	335544464	cant_start_logging	Secondary server attachments cannot start logging
-924	335544325	bad_dpb_content	Bad parameters on attach or create database
-924	335544441	bad_detach	Database detach completed with errors
-924	335544648	conn_lost	Connection lost to pipe server
-926	335544447	no_rollback	No rollback performed
-999	335544689	ib_error	Firebird error