Syntax Diagrams For SQLite
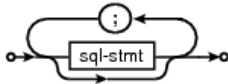
Basic SQLite Statements:

CREATE INDEX   CREATE TABLE   CREATE TRIGGER   CREATE VIEW
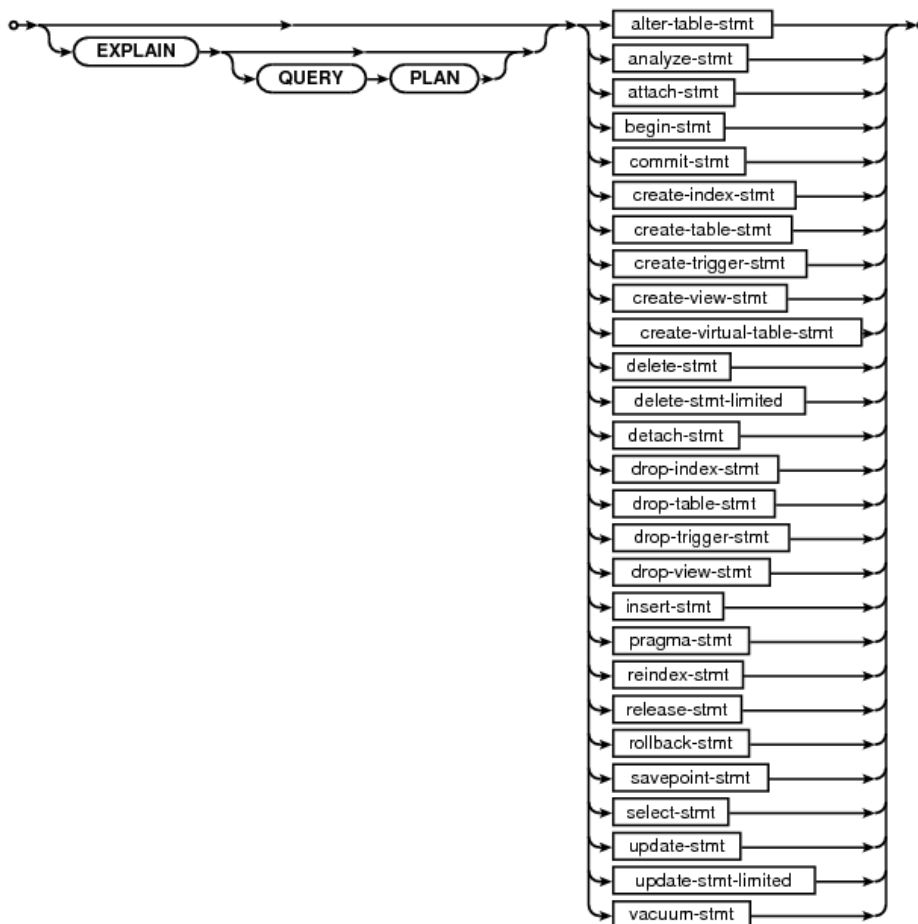DELETE   INSERT   SELECT   UPDATE

All SQLite Statements:

sql-stmt-list:
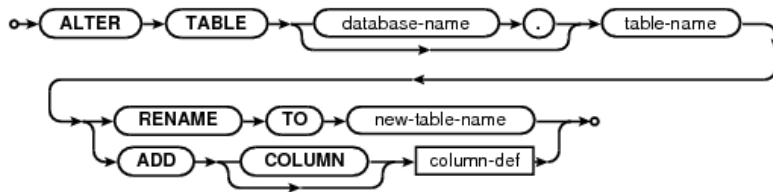

References: sql-stmt

See also: lang.html

sql-stmt:

Used by: sql-stmt-list

References: alter-table-stmt   analyze-stmt   attach-stmt   begin-stmt   commit-stmt   create-index-stmt   create-table-stmt   create-trigger-stmt   create-view-stmt   create-virtual-table-stmt   delete-stmt   delete-stmt-limited   detach-stmt   drop-index-stmt   drop-table-stmt   drop-trigger-stmt   drop-view-stmt   insert-stmt   pragma-stmt   reindex-stmt   release-stmt   rollback-stmt   savepoint-stmt   select-stmt   update-stmt   update-stmt-limited   vacuum-stmt

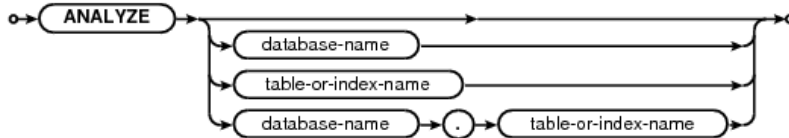See also: lang.html   lang_explain.html

alter-table-stmt:

Used by: sql-stmt

References: column-def

See also: lang_altertable.html

analyze-stmt:

Used by: sql-stmt

See also: lang_analyze.html

attach-stmt:

Used by: sql-stmt

See also: lang_attach.html

begin-stmt:
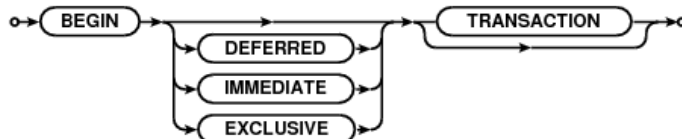
Used by: sql-stmt

See also: lang_transaction.html

commit-stmt:
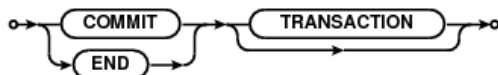
Used by: sql-stmt

See also: lang_transaction.html

rollback-stmt:
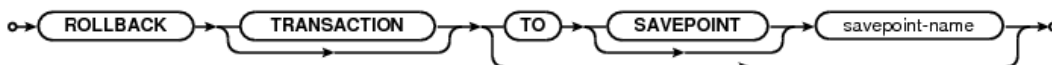
Used by: sql-stmt

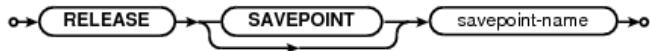See also: lang_savepoint.html   lang_transaction.html

savepoint-stmt:
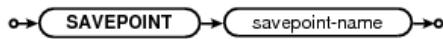
Used by: sql-stmt

See also: lang_savepoint.html
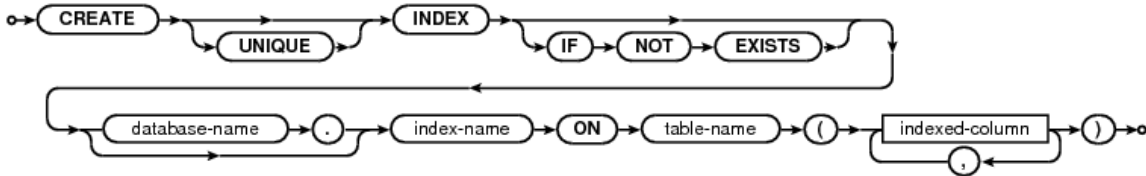
release-stmt:

Used by: sql-stmt

See also: lang_savepoint.html

create-index-stmt:
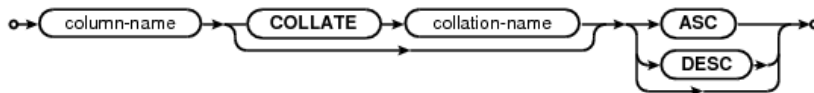

Used by: sql-stmt

References: indexed-column

See also: lang_createindex.html
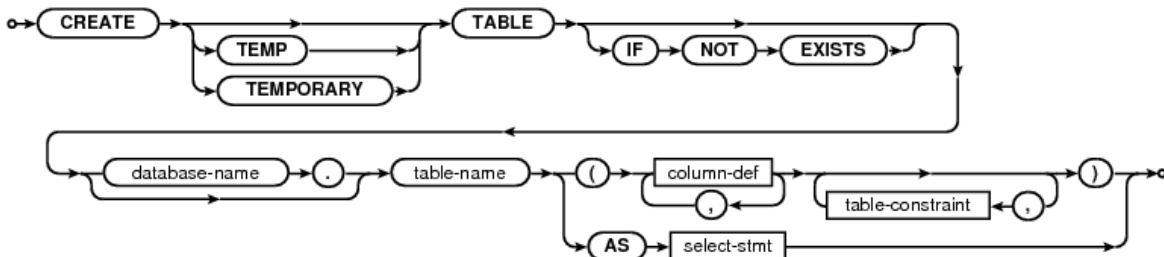
indexed-column:

Used by: create-index-stmt   table-constraint

See also: lang_createindex.html

create-table-stmt:

Used by: sql-stmt

References: column-def   select-stmt   table-constraint
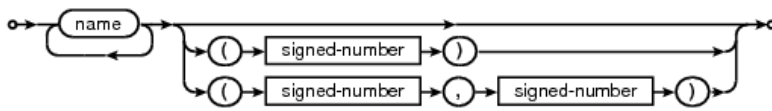
See also: lang_createtable.html

column-def:

Used by: alter-table-stmt   create-table-stmt

References: column-constraint   type-name

See also: lang_altertable.html   lang_createtable.html   lang_createtable.html#tablecoldef

type-name:

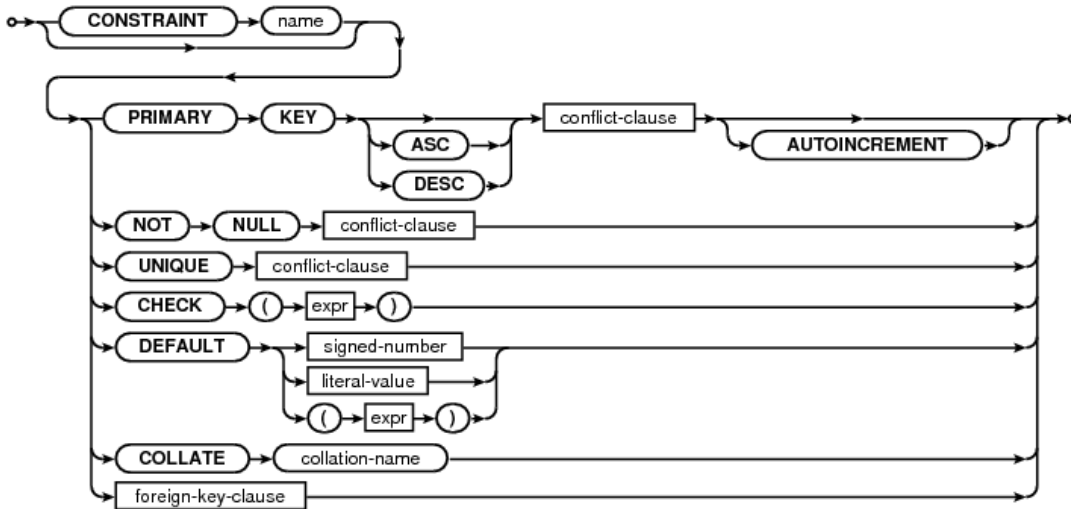Used by: column-def   expr

References: signed-number
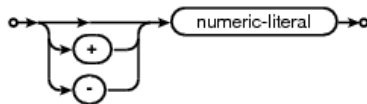
See also: lang_createtable.html

column-constraint:

Used by: column-def

References: conflict-clause   expr   foreign-key-clause   literal-value   signed-number

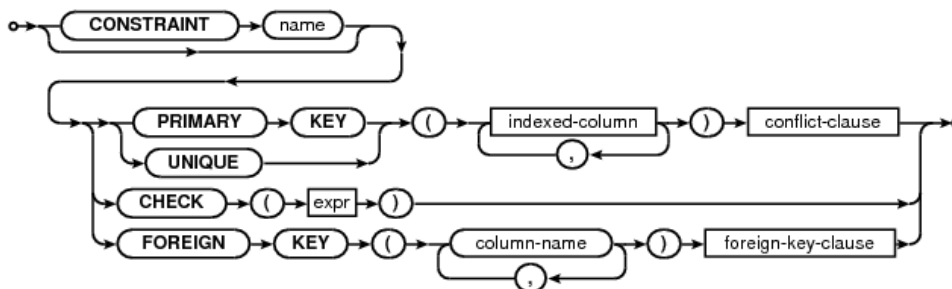See also: lang_createtable.html   lang_createtable.html#tablecoldef

signed-number:

Used by: column-constraint   pragma-value   type-name

See also: lang_expr.html

table-constraint:

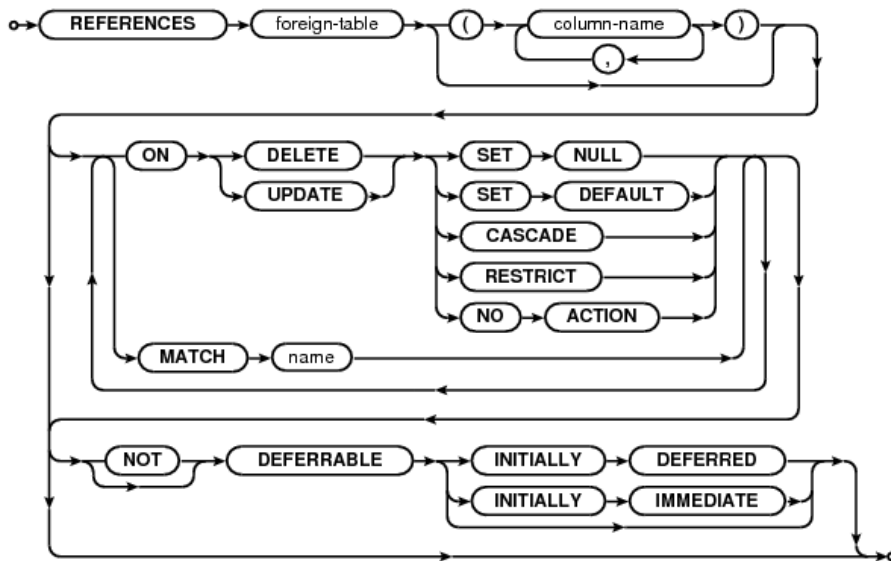Used by: create-table-stmt

References: conflict-clause   expr   foreign-key-clause   indexed-column

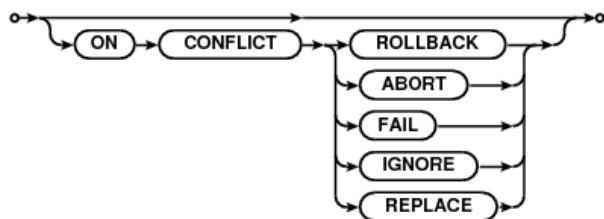See also: lang_createtable.html   lang_createtable.html#constraints   lang_createtable.html#tablecoldef

foreign-key-clause:

Used by: column-constraint   table-constraint

See also: lang_altertable.html   lang_createtable.html
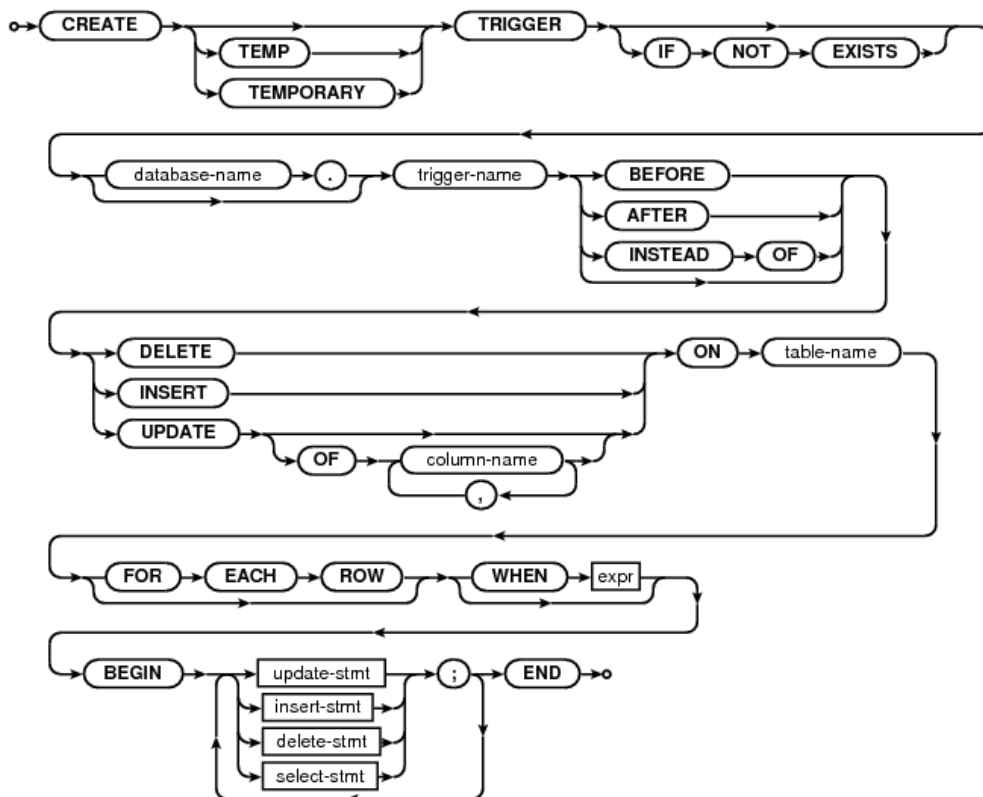
conflict-clause:

Used by: column-constraint   table-constraint

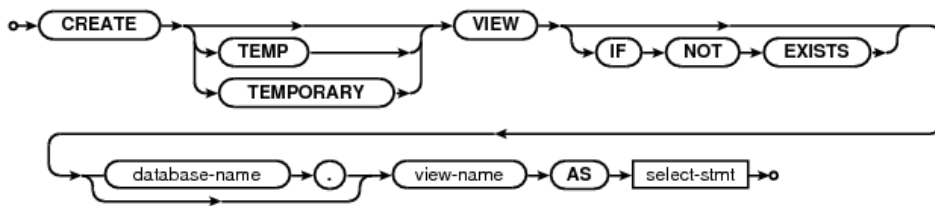See also: lang_conflict.html   lang_createtable.html#ckconst

create-trigger-stmt:

Used by: sql-stmt

See also: lang_createtrigger.html

create-view-stmt:
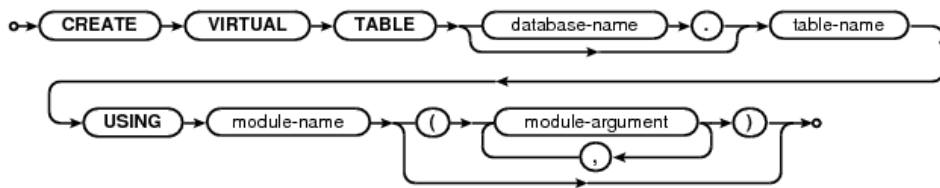

Used by: sql-stmt

References: select-stmt

See also: lang_createview.html
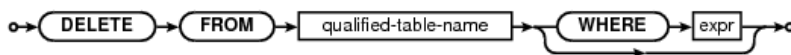
create-virtual-table-stmt:

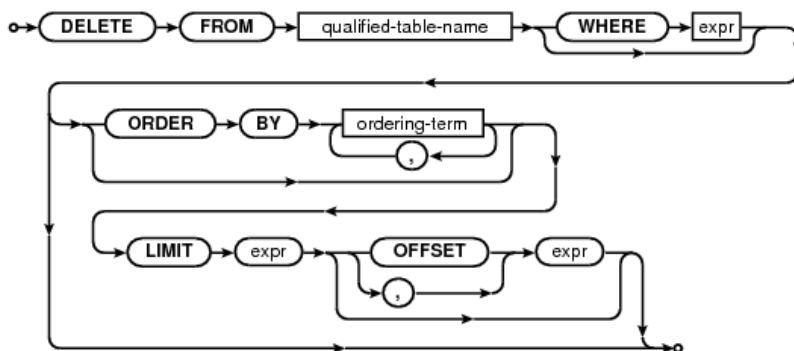Used by: sql-stmt

See also: lang_createvtab.html

delete-stmt:

Used by: create-trigger-stmt   sql-stmt

References: expr   qualified-table-name
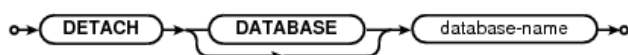
See also: lang_delete.html

delete-stmt-limited:

Used by: sql-stmt

References: expr   ordering-term   qualified-table-name

See also: lang_delete.html
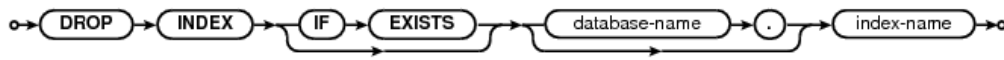
detach-stmt:
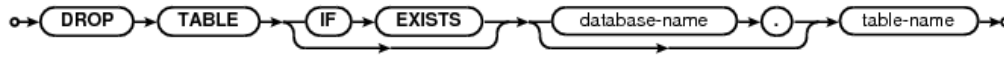

Used by: sql-stmt

See also: lang_detach.html

drop-index-stmt:

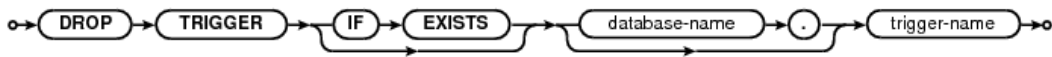Used by: sql-stmt

See also: lang_dropindex.html

drop-table-stmt:

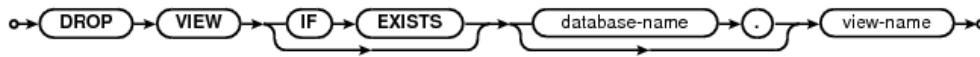
Used by: sql-stmt

See also: lang_droptable.html

drop-trigger-stmt:
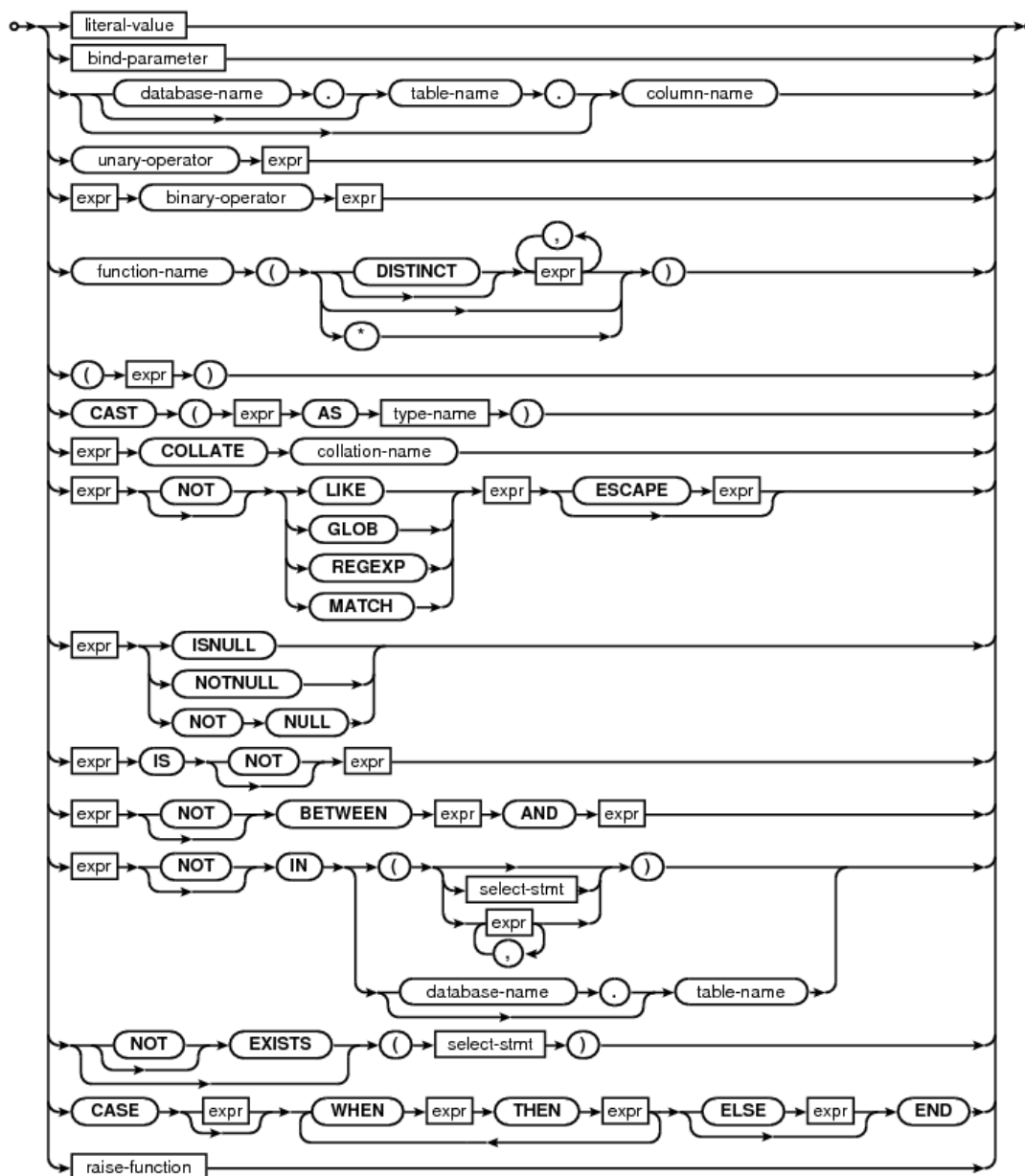

Used by: sql-stmt

See also: lang_droptrigger.html

drop-view-stmt:

Used by: sql-stmt

See also: lang_dropview.html

expr:

literal-value
bind-parameter
database-name . table-name . column-name
unary-operator expr
expr binary-operator expr
function-name (DISTINCT expr) *
(expr)
CAST (expr AS type-name)
expr COLLATE collation-name
expr NOT LIKE expr ESCAPE expr
GLOB
REGEXP
MATCH
expr ISNULL
NOTNULL
NOT NULL
expr IS NOT expr
expr NOT BETWEEN expr AND expr
expr NOT IN (select-stmt expr ,)
database-name . table-name
NOT EXISTS (select-stmt)
CASE expr WHEN expr THEN expr ELSE expr END
raise-function

Used by: [column-constraint](#) [create-trigger-stmt](#) [delete-stmt](#) [delete-stmt-limited](#) [insert-stmt](#) [join-constraint](#) [ordering-term](#) [result-column](#) [select-core](#) [table-constraint](#) [update-stmt](#) [update-stmt-limited](#)

References: [literal-value](#) [raise-function](#) [select-stmt](#) [type-name](#)
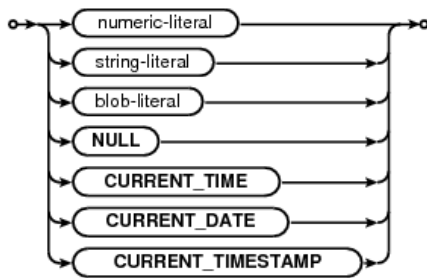
See also: [lang_expr.html](#)

raise-function:

RAISE (IGNORE)
ROLLBACK , error-message
ABORT
FAIL
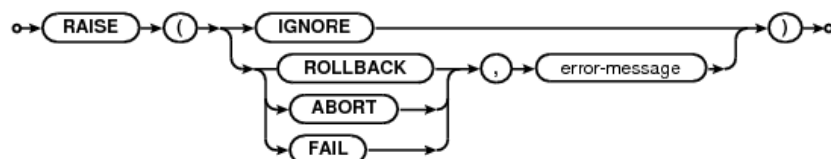
Used by: [expr](#)

See also: [lang_createtrigger.html#undef_before](#)   [lang_expr.html](#)

literal-value:

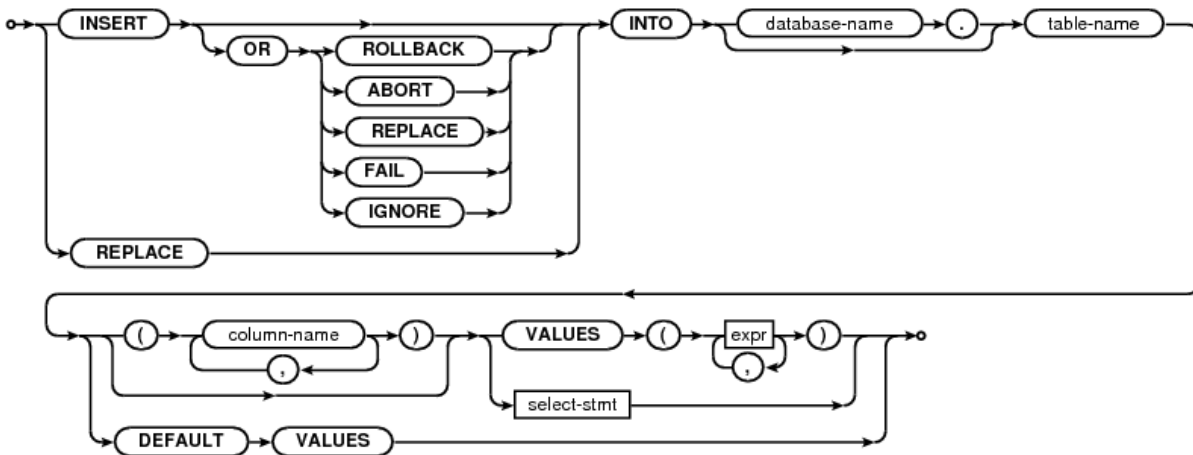Used by: column-constraint   expr

See also: lang_expr.html

numeric-literal:
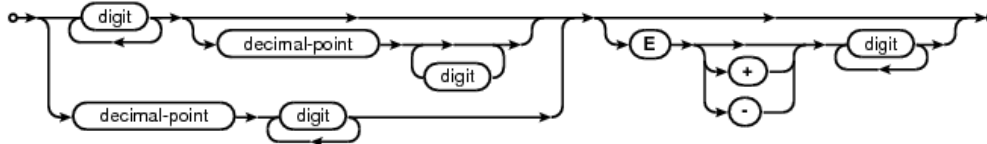
See also: lang_expr.html#litvalue

insert-stmt:

Used by: create-trigger-stmt   sql-stmt

References: expr   select-stmt

See also: lang_insert.html

pragma-stmt:
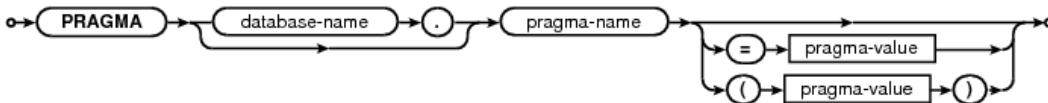
Used by: sql-stmt

References: pragma-value

See also: pragma.html#syntax

pragma-value:
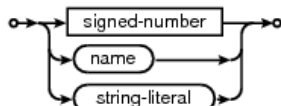
Used by: pragma-stmt

References: signed-number

See also: pragma.html#syntax

reindex-stmt:
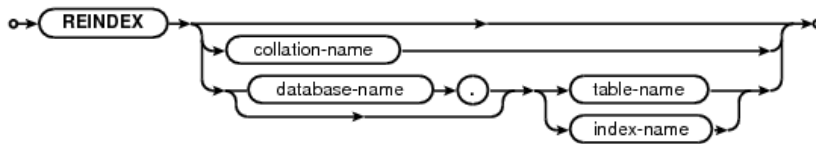
Used by: sql-stmt

See also: lang_reindex.html

select-stmt:
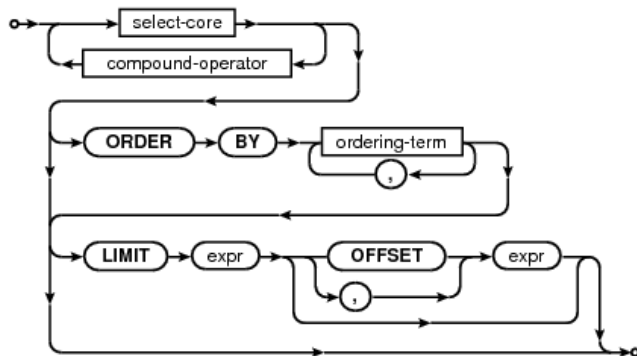
Used by: create-table-stmt   create-trigger-stmt   create-view-stmt   expr   insert-stmt   single-source   sql-stmt

References: compound-operator   ordering-term   select-core

See also: lang_select.html

select-core:
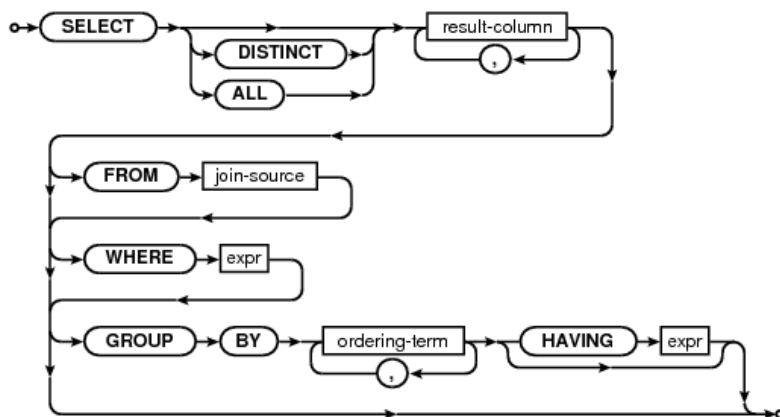
Used by: select-stmt

References: expr   join-source   ordering-term   result-column

See also: lang_select.html

result-column:
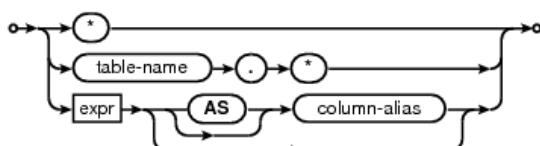
Used by: [select-core](#)

References: [expr](#)

See also: [lang_select.html](#)

join-source:

Used by: [select-core](#)   [single-source](#)

References: [join-constraint](#)   [join-op](#)   [single-source](#)

See also: [lang_select.html](#)

single-source:
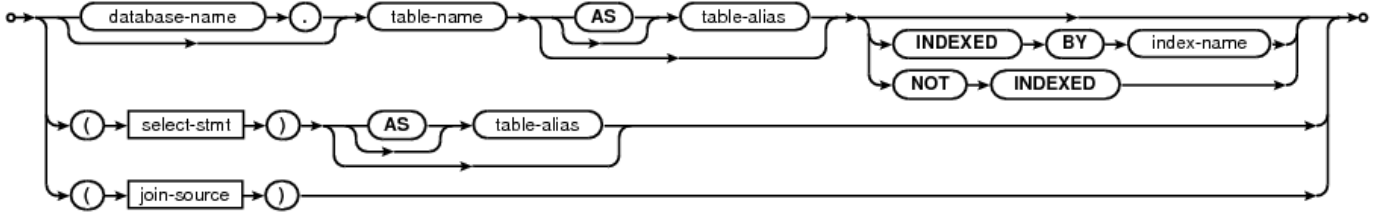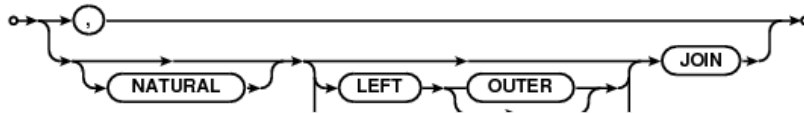
Used by: [join-source](#)

References: [join-source](#)   [select-stmt](#)

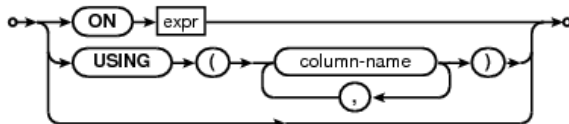See also: [lang_indexedby.html](#)   [lang_select.html](#)

join-op:

Used by: [join-source](#)

See also: [lang_select.html](#)   [lang_select.html#fromclause](#)

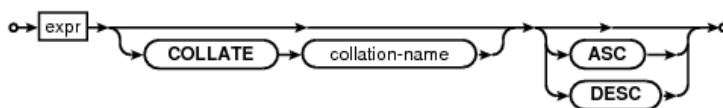join-constraint:

Used by: [join-source](#)

References: [expr](#)

See also: [lang_select.html](#)   [lang_select.html#fromclause](#)
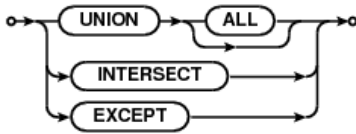
ordering-term:

Used by: [delete-stmt-limited](#)   [select-core](#)   [select-stmt](#)   [update-stmt-limited](#)
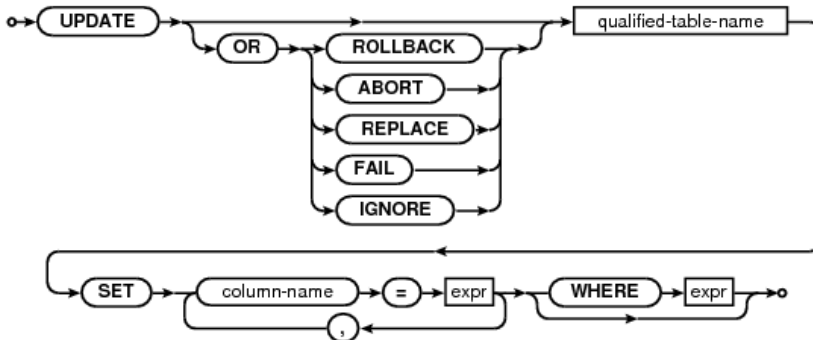
References: [expr](#)

compound-operator:
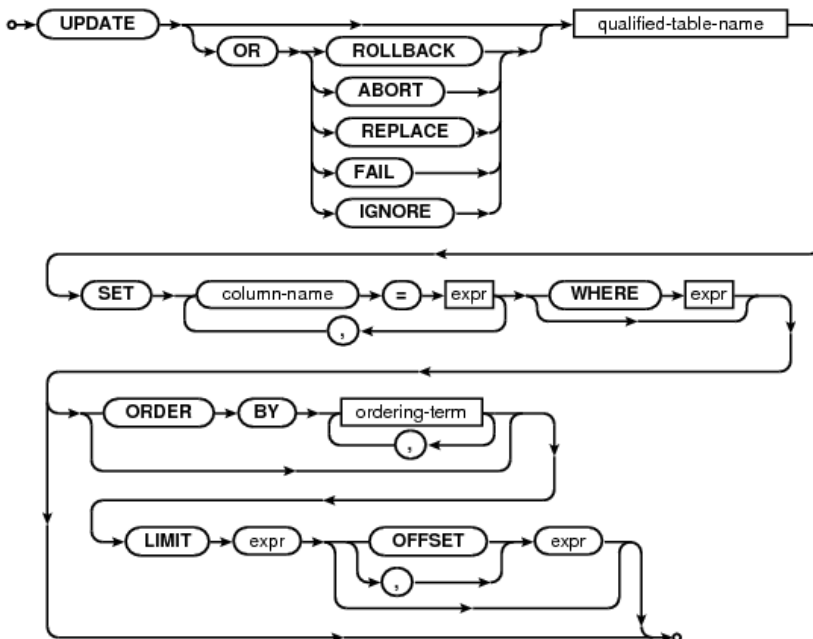
update-stmt:

update-stmt-limited:

qualified-table-name:
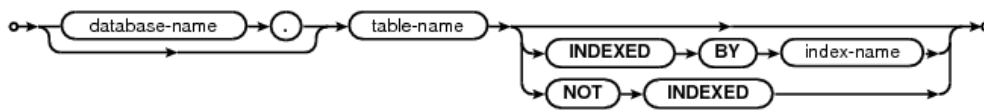
Used by: delete-stmt   delete-stmt-limited   update-stmt   update-stmt-limited

See also: lang_delete.html   lang_indexedby.html   lang_update.html
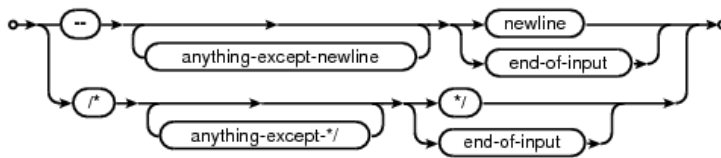
vacuum-stmt:

Used by: sql-stmt

See also: lang_vacuum.html

comment-syntax:

See also: lang_comment.html

Original: http://www.sqlite.org/syntaxdiagrams.html