

NAME

DROP_ROUTINE – remove a routine

SYNOPSIS

DROP ROUTINE [IF EXISTS] *name* [([*argmode*] [*argname*] *argtype* [, ...])] [, ...]
[CASCADE | RESTRICT]

DESCRIPTION

DROP ROUTINE removes the definition of one or more existing routines. The term “routine” includes aggregate functions, normal functions, and procedures. See under DROP AGGREGATE (**DROP_AGGREGATE(7)**), DROP FUNCTION (**DROP_FUNCTION(7)**), and DROP PROCEDURE (**DROP_PROCEDURE(7)**) for the description of the parameters, more examples, and further details.

NOTES

The lookup rules used by **DROP ROUTINE** are fundamentally the same as for **DROP PROCEDURE**; in particular, **DROP ROUTINE** shares that command's behavior of considering an argument list that has no *argmode* markers to be possibly using the SQL standard's definition that OUT arguments are included in the list. (**DROP AGGREGATE** and **DROP FUNCTION** do not do that.)

In some cases where the same name is shared by routines of different kinds, it is possible for **DROP ROUTINE** to fail with an ambiguity error when a more specific command (**DROP FUNCTION**, etc.) would work. Specifying the argument type list more carefully will also resolve such problems.

These lookup rules are also used by other commands that act on existing routines, such as **ALTER ROUTINE** and **COMMENT ON ROUTINE**.

EXAMPLES

To drop the routine foo for type integer:

```
DROP ROUTINE foo(integer);
```

This command will work independent of whether foo is an aggregate, function, or procedure.

COMPATIBILITY

This command conforms to the SQL standard, with these PostgreSQL extensions:

- The standard only allows one routine to be dropped per command.
- The IF EXISTS option is an extension.
- The ability to specify argument modes and names is an extension, and the lookup rules differ when modes are given.
- User-definable aggregate functions are an extension.

SEE ALSO

DROP AGGREGATE (**DROP_AGGREGATE(7)**), DROP FUNCTION (**DROP_FUNCTION(7)**), DROP PROCEDURE (**DROP_PROCEDURE(7)**), ALTER ROUTINE (**ALTER_ROUTINE(7)**)

Note that there is no CREATE ROUTINE command.