

NAME

CREATE_TEXT_SEARCH_PARSER – define a new text search parser

SYNOPSIS

```
CREATE TEXT SEARCH PARSE name (
    START = start_function ,
    GETTOKEN = gettoken_function ,
    END = end_function ,
    LEXTYPES = lextypes_function
    [, HEADLINE = headline_function ]
)
```

DESCRIPTION

CREATE TEXT SEARCH PARSE creates a new text search parser. A text search parser defines a method for splitting a text string into tokens and assigning types (categories) to the tokens. A parser is not particularly useful by itself, but must be bound into a text search configuration along with some text search dictionaries to be used for searching.

If a schema name is given then the text search parser is created in the specified schema. Otherwise it is created in the current schema.

You must be a superuser to use **CREATE TEXT SEARCH PARSE**. (This restriction is made because an erroneous text search parser definition could confuse or even crash the server.)

Refer to Chapter 12 for further information.

PARAMETERS

name

The name of the text search parser to be created. The name can be schema-qualified.

start_function

The name of the start function for the parser.

gettoken_function

The name of the get-next-token function for the parser.

end_function

The name of the end function for the parser.

lextypes_function

The name of the lextypes function for the parser (a function that returns information about the set of token types it produces).

headline_function

The name of the headline function for the parser (a function that summarizes a set of tokens).

The function names can be schema-qualified if necessary. Argument types are not given, since the argument list for each type of function is predetermined. All except the headline function are required.

The arguments can appear in any order, not only the one shown above.

COMPATIBILITY

There is no **CREATE TEXT SEARCH PARSE** statement in the SQL standard.

SEE ALSO

ALTER TEXT SEARCH PARSE (**ALTER_TEXT_SEARCH_PARSER(7)**), DROP TEXT SEARCH PARSE (**DROP_TEXT_SEARCH_PARSER(7)**)