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Warning: This documentation is for a pre-release version of pgAdmin 4

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FTS Parser Dialog

Use the *FTS Parser* dialog to create 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.

The *FTS Parser* dialog organizes the development of a text search parser through the following dialog tabs: *General*, and *Definition*. The *SQL* tab displays the SQL code generated by dialog selections.

The screenshot shows the 'Aa Create - FTS Parser' dialog box with the 'General' tab selected. The dialog has three tabs: 'General', 'Definition', and 'SQL'. The 'General' tab contains three fields: 'Name' with the value 'data_parser', 'Schema' with a dropdown menu showing 'public', and 'Comment' with a large empty text area. At the bottom of the dialog are buttons for 'i', '?', 'Cancel', 'Reset', and 'Save'.

Use the fields in the *General* tab to identify a text search parser:

- Use the *Name* field to add a descriptive name for the parser. The name will be displayed in the *pgAdmin* tree control.
- Select the name of the schema in which the parser will reside from the drop-down listbox in the *Schema* field.
- Store notes about the domain in the *Comment* field.

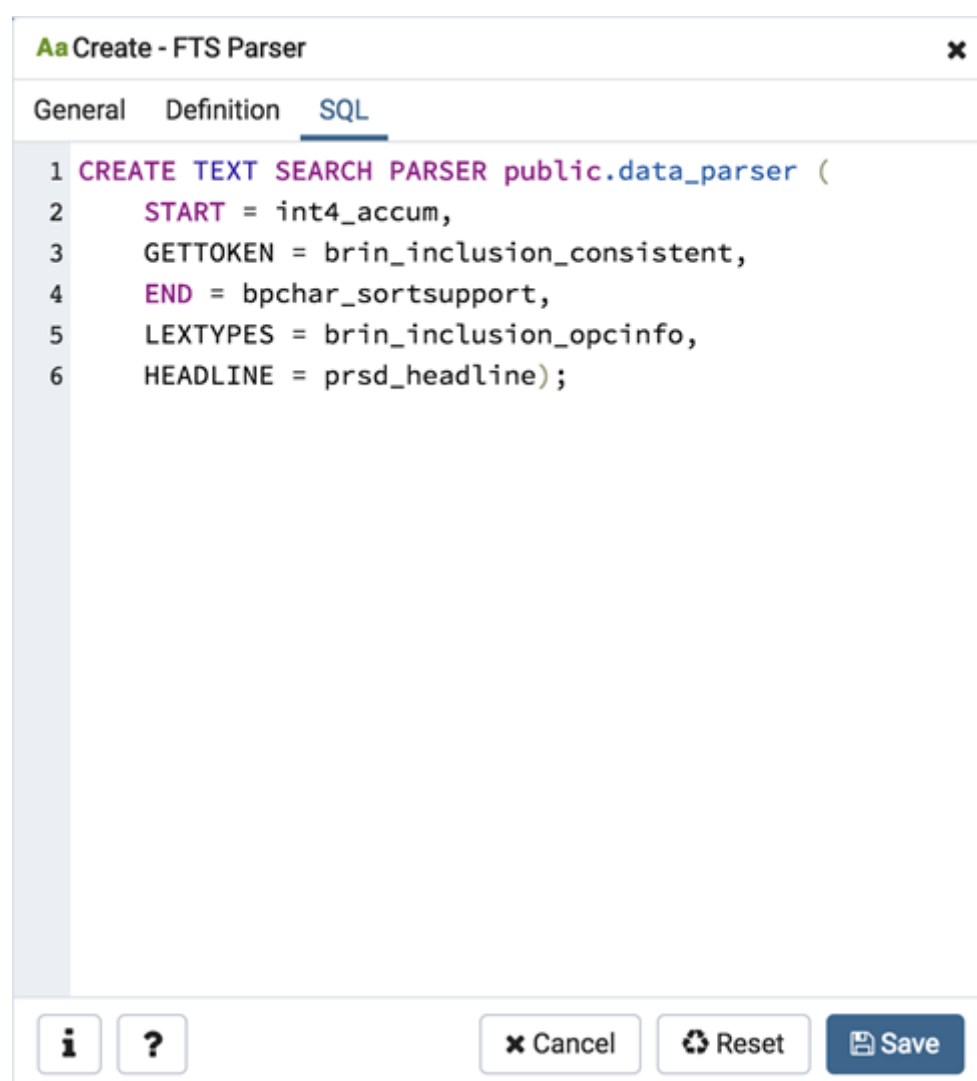
Click the *Definition* tab to continue.

The screenshot shows the 'Aa Create - FTS Parser' dialog box with the 'Definition' tab selected. The dialog has three tabs: 'General', 'Definition', and 'SQL'. The 'Definition' tab contains five fields, each with a dropdown menu: 'Start function' with 'int4_accum', 'Get next token function' with 'brin_inclusion_consistent', 'End function' with 'bpchar_sortsupport', 'Lextypes function' with 'brin_inclusion_opcinfo', and 'Headline function' with 'prsd_headline'. At the bottom of the dialog are buttons for 'i', '?', 'Cancel', 'Reset', and 'Save'.

Use the fields in the *Definition* tab to define parameters:

- Use the drop-down listbox next to *Start function* to select the name of the function that will initialize the parser.
- Use the drop-down listbox next to *Get next token function* to select the name of the function that will return the next token.
- Use the drop-down listbox next to *End function* to select the name of the function that is called when the parser is finished.
- Use the drop-down listbox next to *Lextypes function* to select the name of the lextypes function for the parser. The lextypes function returns an array that contains the id, alias, and a description of the tokens used by the parser.
- Use the drop-down listbox next to *Headline function* to select the name of the headline function for the parser. The headline function returns an excerpt from the document in which the terms of the query are highlighted.

Click the **SQL** tab to continue.



Your entries in the *FTS Parser* dialog generate a generate a SQL command. Use the **SQL** tab for review; revisit or switch tabs to make any changes to the SQL command.

- Click the *Info* button (i) to access online help.
- Click the *Save* button to save work.
- Click the *Cancel* button to exit without saving work.
- Click the *Reset* button to restore configuration parameters.