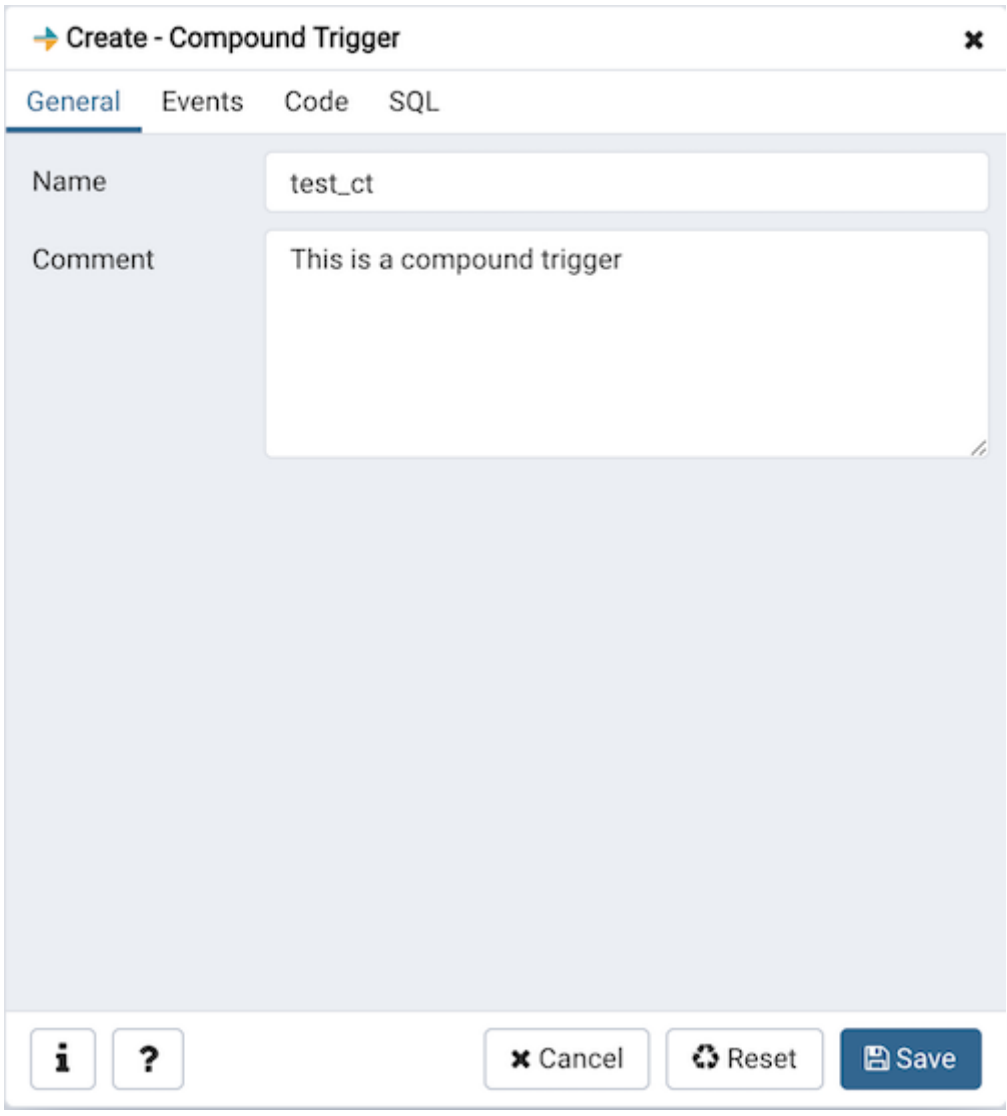
Warning: This documentation is for a pre-release version of pgAdmin 4

Contents

Compound Trigger Dialog ¶

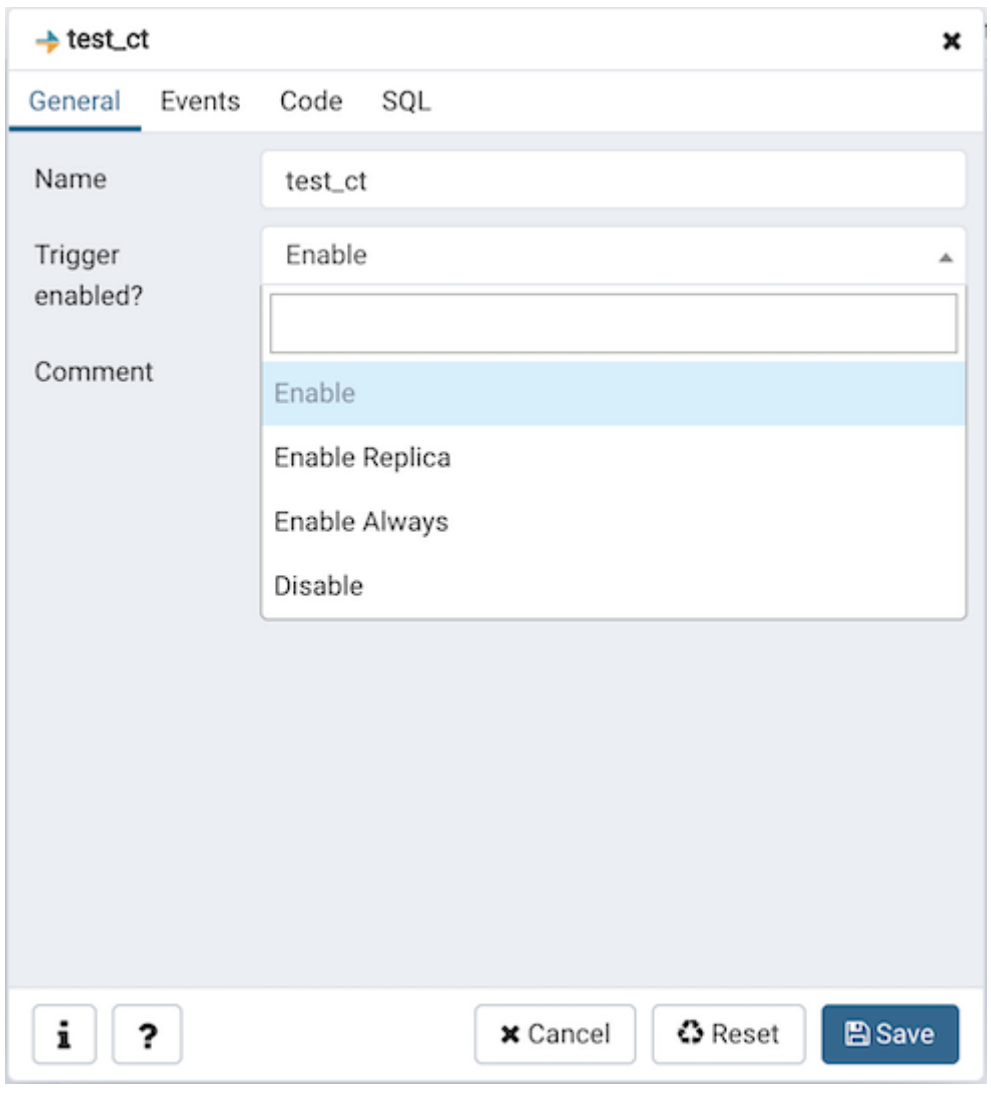
Use the *Compound Trigger* dialog to create a compound trigger or modify an existing compound trigger. *Compound Trigger* is supported only for EPAS server 12 and above. A compound trigger executes a specified code when certain events occur.

The *Compound Trigger* dialog organizes the development of a compound trigger through the following dialog tabs: *General*, *Events*, and *Code*. The *SQL* tab displays the SQL code generated by dialog selections.



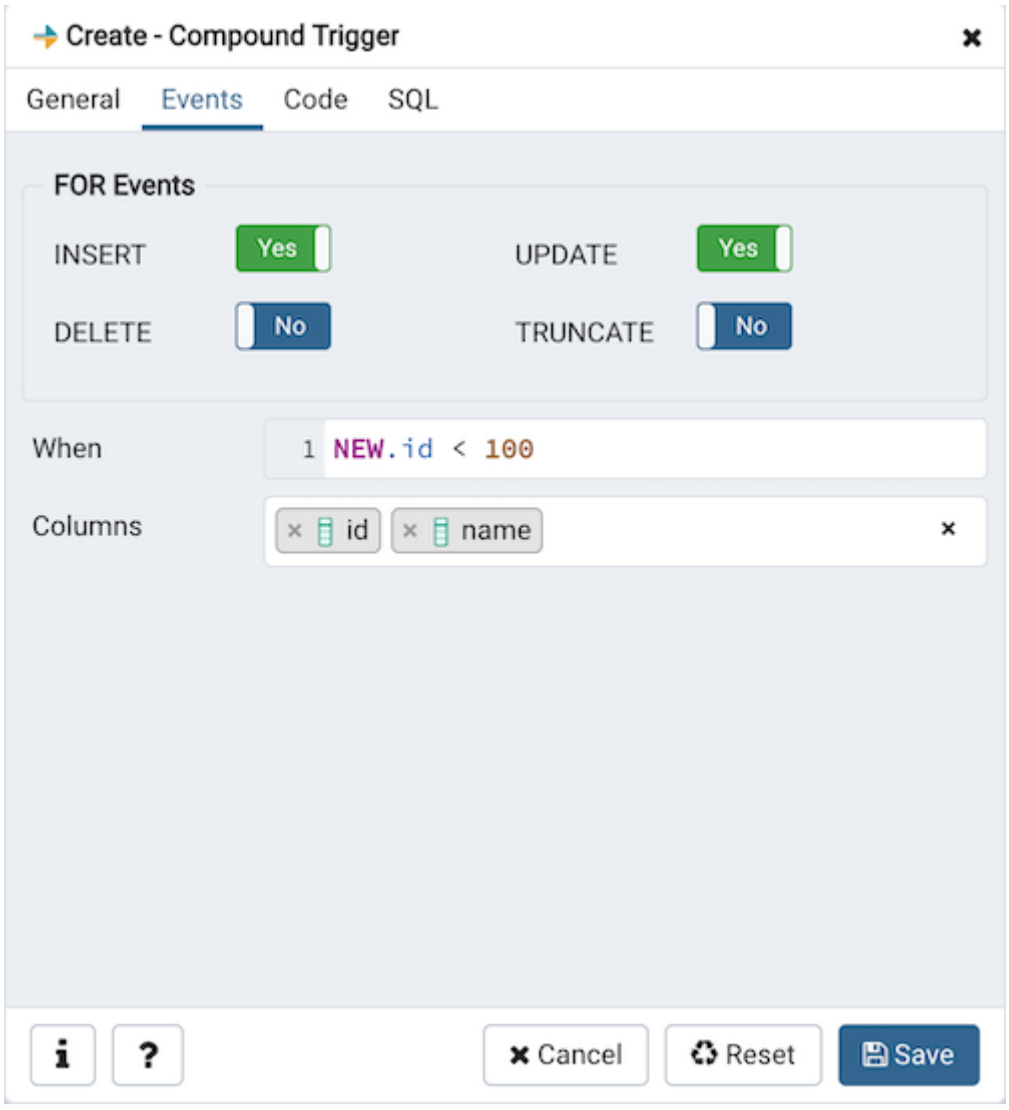
Use the fields in the *General* tab to identify the compound trigger:

- Use the *Name* field to add a descriptive name for the compound trigger. This must be distinct from the name of any other compound trigger for the same table. The name will be displayed in the *pgAdmin* tree control.
- Store notes about the compound trigger in the *Comment* field.



- *Trigger enabled* field is available in compound trigger dialog once the trigger is created. You can select one of the four options available.

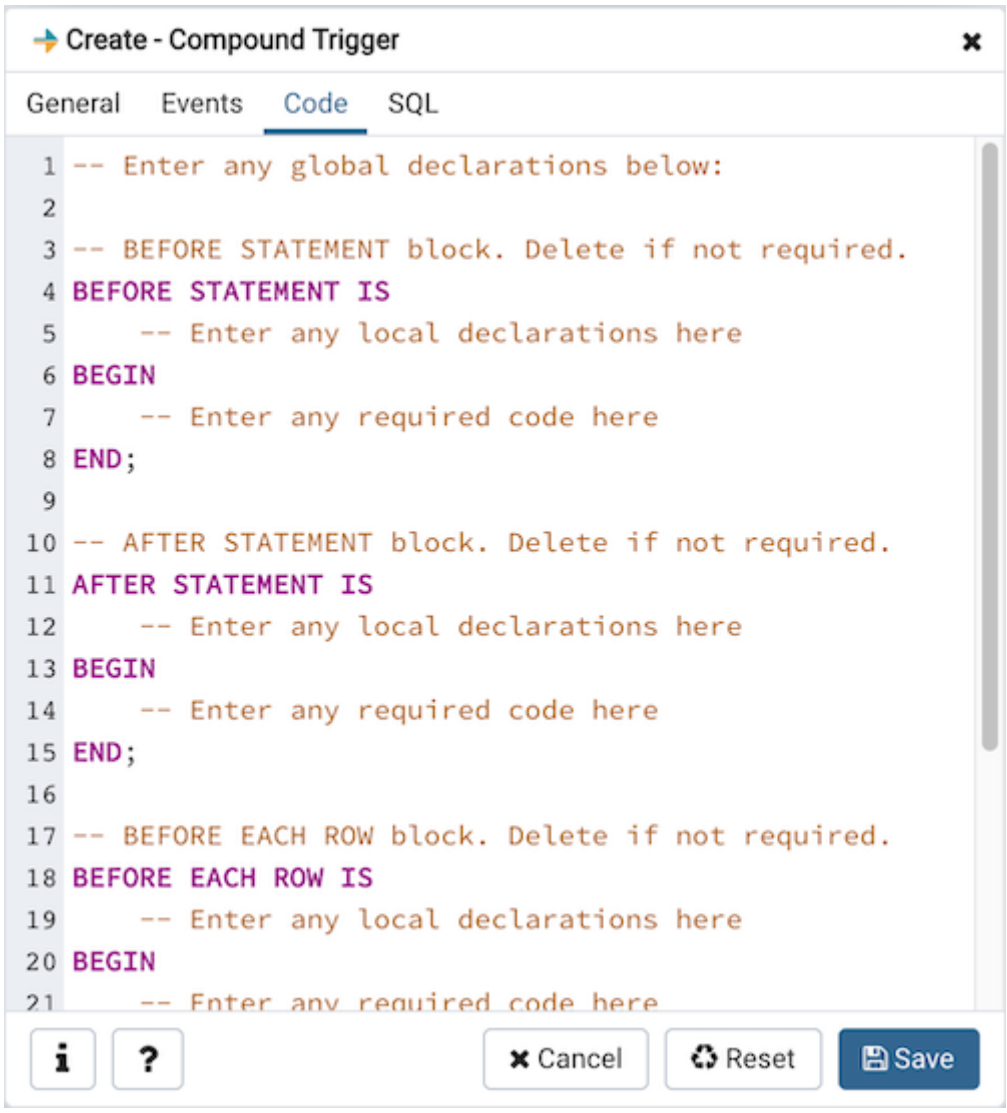
Click the *Events* tab to continue.



Use the fields in the *Events* tab to specify how and when the compound trigger fires:

- Select the type of event(s) that will invoke the compound trigger; to select an event type, move the switch next to the event to the *YES* position. The supported event types are *INSERT*, *UPDATE*, *DELETE* and *TRUNCATE*. Views cannot have TRUNCATE triggers.
- Use the *When* field to provide a boolean condition that will invoke the compound trigger.
- If defining a column-specific compound trigger, use the *Columns* field to specify the columns or columns that are the target of the compound trigger.

Click the *Code* tab to continue.



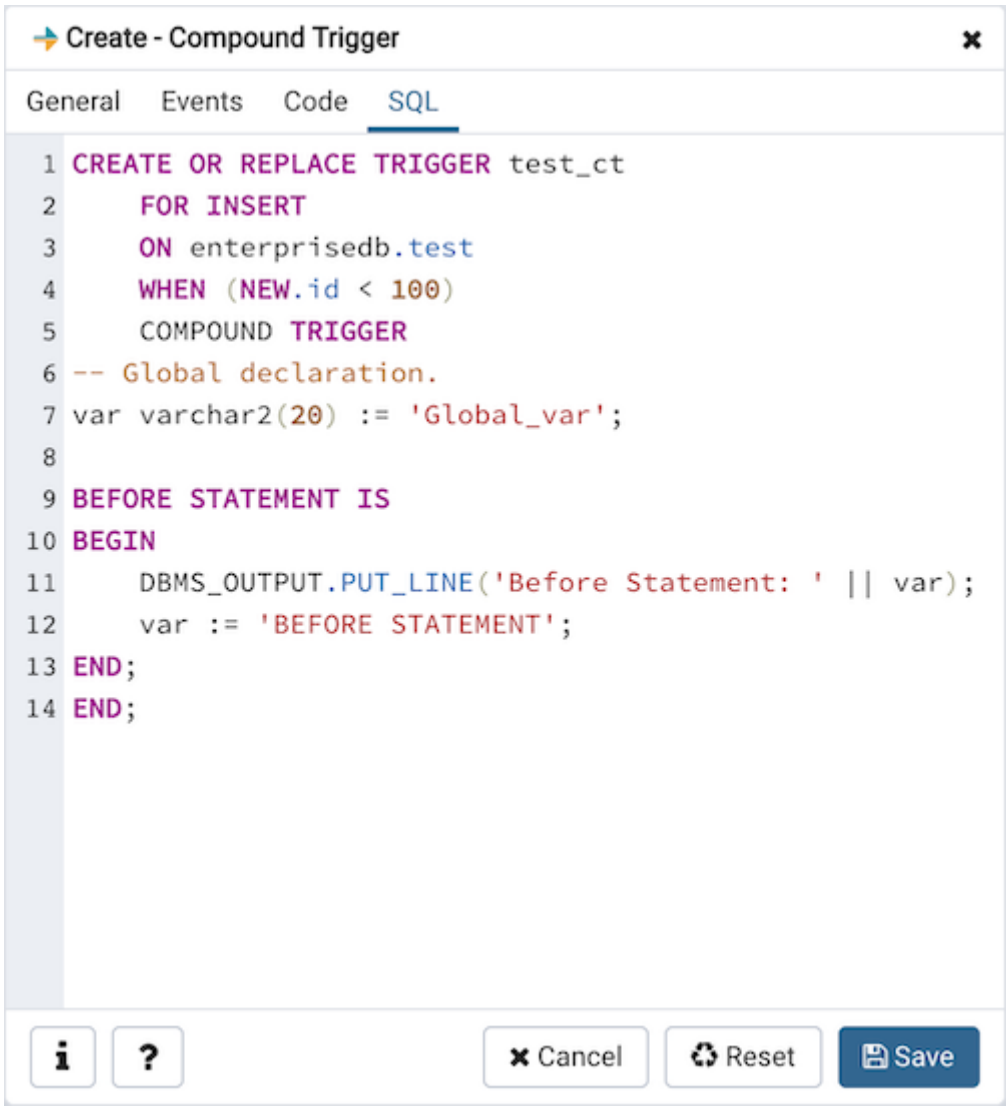
Use the *Code* field to specify the code for the five timing events *BEFORE STATEMENT*, *AFTER STATEMENT*, *BEFORE EACH ROW*, *AFTER EACH ROW*, *INSTEAD OF EACH ROW* that will be invoked when the compound trigger fires. Basic template is provided with place holders.

Click the *SQL* tab to continue.

Your entries in the *Compound Trigger* dialog generate a SQL command (see an example below). Use the *SQL* tab for review; revisit or switch tabs to make any changes to the SQL command.

Example ¶

The following is an example of the sql command generated by user selections in the *Compound Trigger* dialog:



The example demonstrates creating a compound trigger named *test_ct*.

- 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.