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

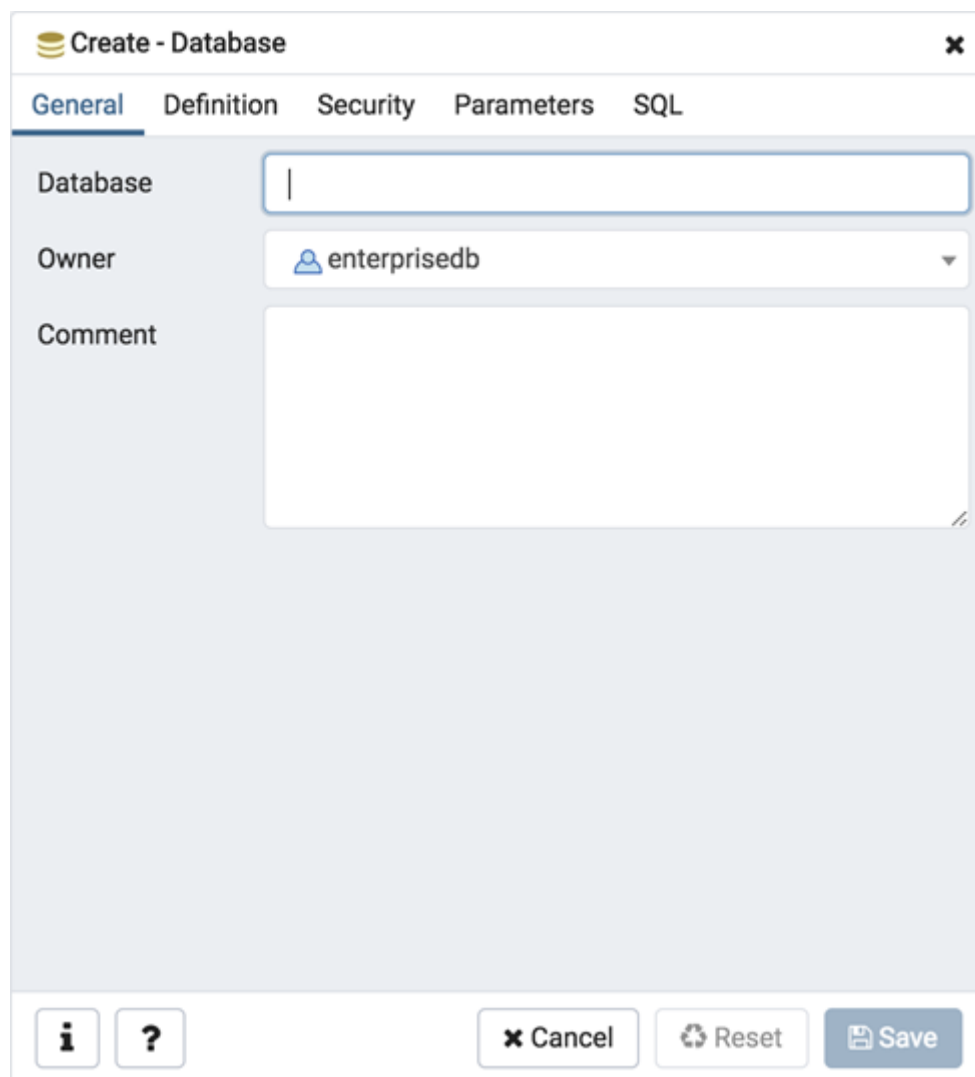
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Database Dialog

Use the *Database* dialog to define or modify a database. To create a database, you must be a database superuser or have the CREATE privilege.

The *Database* dialog organizes the development of a database through the following dialog tabs: *General*, *Definition*, *Security*, and *Parameters*. The *SQL* tab displays the SQL code generated by dialog selections.

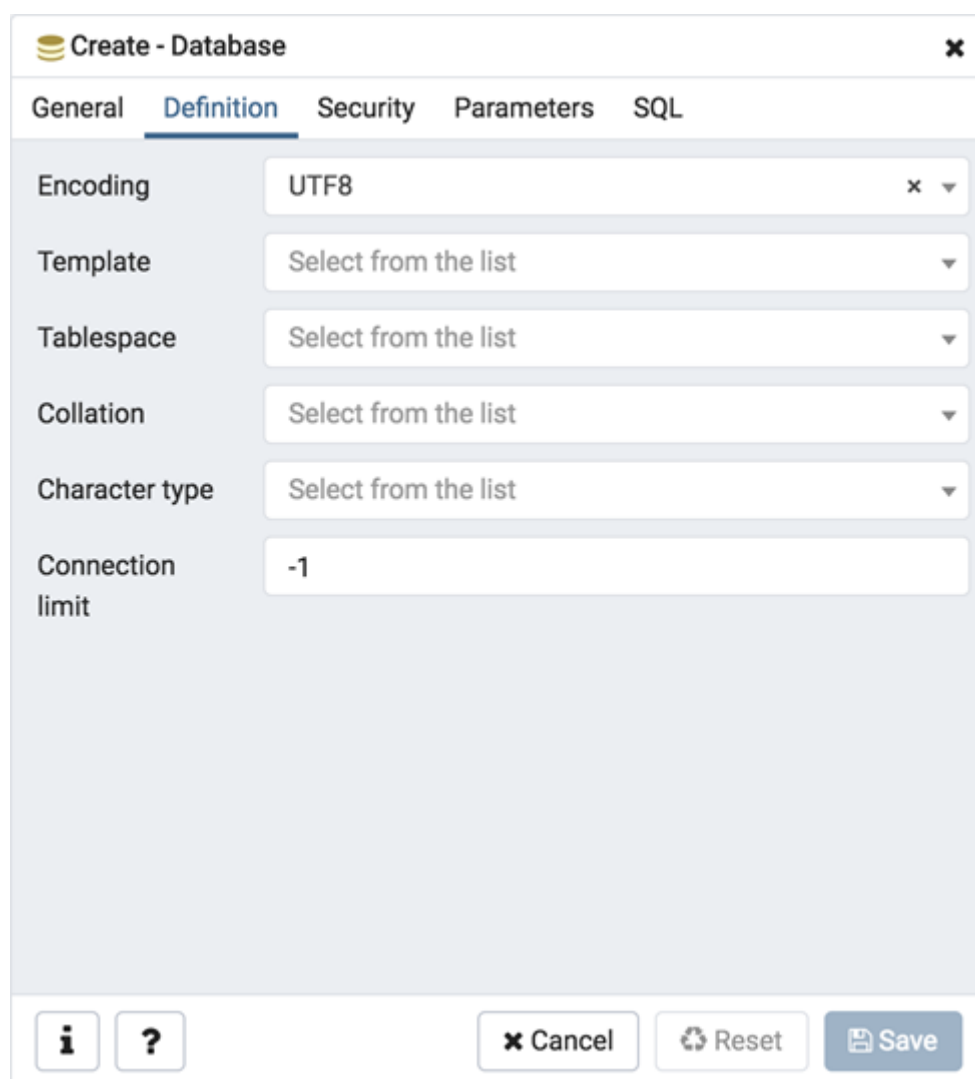


The image shows the 'Create - Database' dialog box with the 'General' tab selected. The dialog has a title bar with a close button. Below the title bar are five tabs: 'General', 'Definition', 'Security', 'Parameters', and 'SQL'. The 'General' tab is active, showing three fields: 'Database' (a text input field), 'Owner' (a dropdown menu with 'enterprisedb' selected), and 'Comment' (a large text area). At the bottom of the dialog are four buttons: an information icon, a help icon, a 'Cancel' button, a 'Reset' button, and a 'Save' button.

Use the fields in the *General* tab to identify the database:

- Use the *Database* field to add a descriptive name for the database. The name will be displayed in the *pgAdmin* tree control.
- Select the owner of the database from the drop-down listbox in the *Owner* field.
- Store notes about the database in the *Comment* field.

Click the *Definition* tab to continue.



The image shows the 'Create - Database' dialog box with the 'Definition' tab selected. The dialog has the same title bar and tabs as the previous image. The 'Definition' tab is active, showing six fields: 'Encoding' (a dropdown menu with 'UTF8' selected), 'Template' (a dropdown menu with 'Select from the list'), 'Tablespace' (a dropdown menu with 'Select from the list'), 'Collation' (a dropdown menu with 'Select from the list'), 'Character type' (a dropdown menu with 'Select from the list'), and 'Connection limit' (a text input field with '-1'). At the bottom of the dialog are the same four buttons as in the previous image: an information icon, a help icon, a 'Cancel' button, a 'Reset' button, and a 'Save' button.

Use the *Definition* tab to set properties for the database:

- Select a character set from the drop-down listbox in the *Encoding* field. The default is *UTF8*.

- Select a template from the drop-down listbox in the *Template* field. If you do not specify a template, the database will use template1.
- Select a tablespace from the drop-down listbox in the *Tablespace* field. The selected tablespace will be the default tablespace used to contain database objects.
- Select the collation order from the drop-down listbox in the *Collation* field.
- Select the character classification from the drop-down listbox in the *Character Type* field. This affects the categorization of characters, e.g. lower, upper and digit. The default, or a blank field, uses the character classification of the template database.
- Specify a connection limit in the *Connection Limit* field to configure the maximum number of connection requests. The default value (-1) allows unlimited connections to the database.

Click the *Security* tab to continue.

Create - Database

General Definition **Security** Parameters SQL

Privileges +

Grantor	Grantee	Privileges	Grantor
	enterprisedb	<input checked="" type="checkbox"/> ALL <input checked="" type="checkbox"/> CREATE <input checked="" type="checkbox"/> TEMPORARY <input checked="" type="checkbox"/> CONNECT	enterprisedb

Security Labels +

Provider	Security Label
myProvider	mySecurity

Use the *Security* tab to assign privileges and define security labels.

Use the *Privileges* panel to assign privileges to a role. Click the *Add* icon (+) to set privileges for database objects:

- Select the name of the role from the drop-down listbox in the *Grantee* field.
- Click inside the *Privileges* field. Check the boxes to the left of one or more privileges to grant the selected privilege to the specified user.
- The current user, who is the default grantor for granting the privilege, is displayed in the *Grantor* field.

Click add to set additional privileges; to discard a privilege, click the trash icon to the left of the row and confirm deletion in the *Delete Row* popup.

Use the *Security Labels* panel to define security labels applied to the database. Click the *Add* icon (+) to add each security label selection:

- Specify a security label provider in the *Provider* field. The named provider must be loaded and must consent to the proposed labeling operation.
- Specify a security label in the *Security Label* field. The meaning of a given label is at the discretion of the label provider. PostgreSQL places no restrictions on whether or how a label provider must interpret security labels; it merely provides a mechanism for storing them.

To discard a security label, click the trash icon to the left of the row and confirm deletion in the *Delete Row* popup.

Click the *Parameters* tab to continue.

Parameters			+
	Name	Value	Role
🗑️	role	2	aq_administrator_role

Use the *Parameters* tab to set parameters for the database. Click the *Add* icon (+) to add each parameter:

- Use the drop-down listbox in the *Name* field to select a parameter.
- Use the *Value* field to set a value for the parameter.
- Use the drop-down listbox next to *Role* to select a role to which the parameter setting specified will apply.

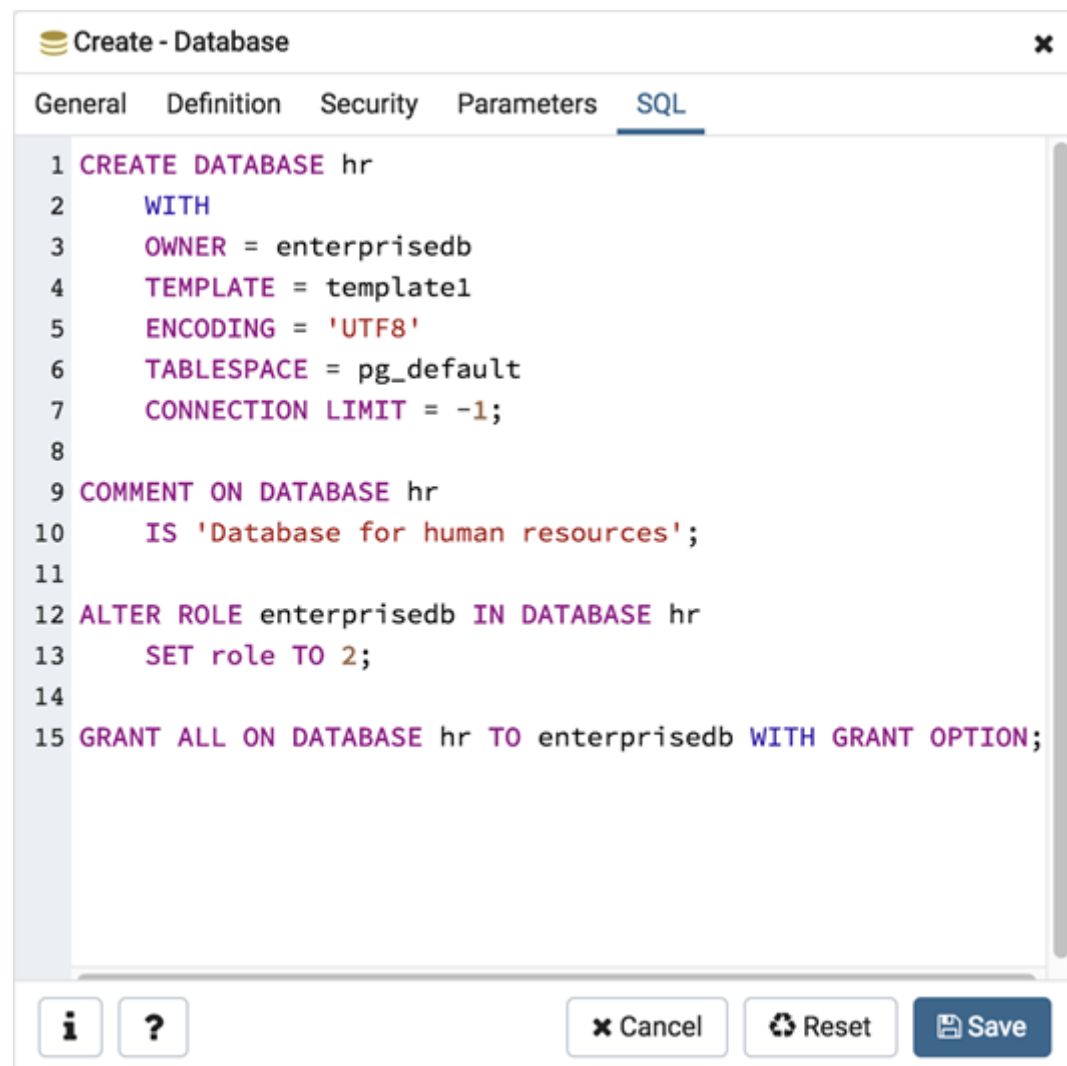
Follow these steps to add additional parameter value definitions; to discard a parameter, click the trash icon to the left of the row and confirm deletion in the *Delete Row* popup.

Click the *SQL* tab to continue.

Your entries in the *Database* 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 *Database* dialog:



The example creates a database named *hr* that is owned by *postgres*. It allows unlimited connections, and is available to all authenticated users.

- 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.