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

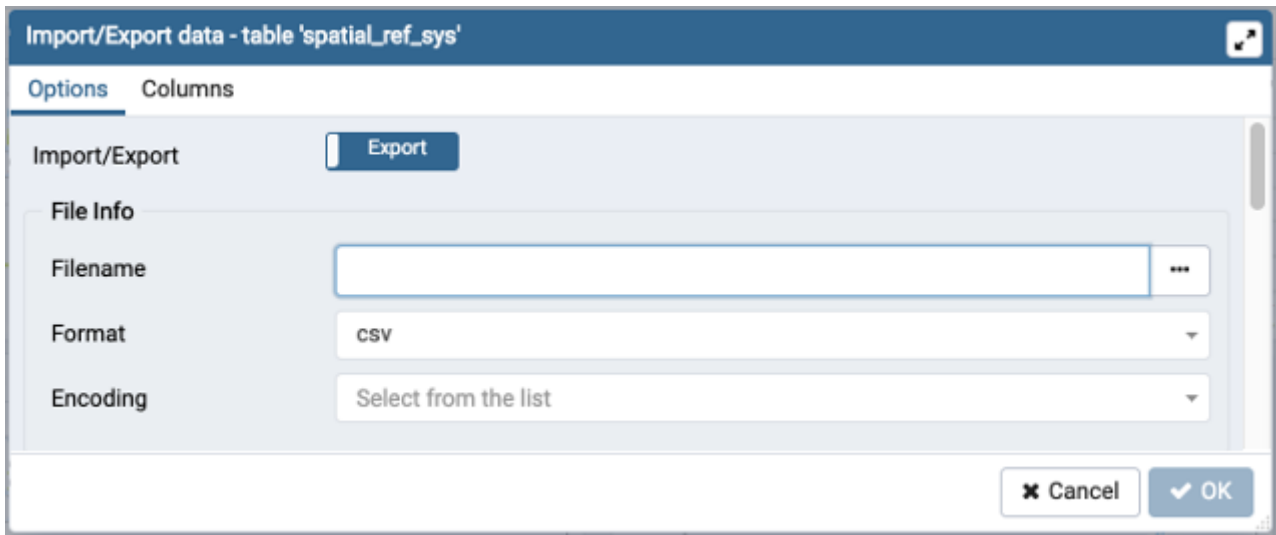
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Import/Export Data Dialog

Use the *Import/Export data* dialog to copy data from a table to a file, or copy data from a file into a table.

The *Import/Export data* dialog organizes the import/export of data through the *Options* and *Columns* tabs.



Use the fields in the *Options* tab to specify import and export preferences:

- Move the *Import/Export* switch to the *Import* position to specify that the server should import data to a table from a file. The default is *Export*.
- Use the fields in the *File Info* field box to specify information about the source or target file:

- Enter the name of the source or target file in the *Filename* field. Optionally, select the *Browser* icon (ellipsis) to the right to navigate into a directory and select a file.
- Use the drop-down listbox in the *Format* field to specify the file type. Select:
 - *binary* for a .bin file.
 - *csv* for a .csv file.
 - *text* for a .txt file.
- Use the drop-down listbox in the *Encoding* field to specify the type of character encoding.

Import/Export data - table 'dept'

Options Columns

Miscellaneous

OID

Header

Delimiter

Specifies the character that separates columns within each row (line) of the file. The default is a tab character in text format, a comma in CSV format. This must be a single one-byte character. This option is not allowed when using binary format.

Quote

Specifies the quoting character to be used when a data value is quoted. The default is double-quote. This must be a single one-byte character. This option is allowed only when using CSV format.

Escape

Specifies the character that should appear before a data character that matches the QUOTE value. The default is the same as the QUOTE value (so that the quoting character is doubled if it appears in the data). This must be a single one-byte character. This option is allowed only when using CSV format.

- Use the fields in the *Miscellaneous* field box to specify additional information:
 - Move the *OID* switch to the *Yes* position to include the *OID* column. The *OID* is a system-assigned value that may not be modified. The default is *No*.
 - Move the *Header* switch to the *Yes* position to include the table header with the data rows. If you include the table header, the first row of the file will contain the column names.
 - If you are exporting data, specify the delimiter that will separate the columns within the target file in the *Delimiter* field. The separating character can be a colon, semicolon, a vertical bar, or a tab.
 - Specify a quoting character used in the *Quote* field. Quoting can be applied to string columns only (i.e. numeric columns will not be quoted) or all columns regardless of data type. The character used for quoting can be a single quote or a double quote.
 - Specify a character that should appear before a data character that matches the *QUOTE* value in the *Escape* field.

Click the *Columns* tab to continue.

Import/Export data - table 'test'

Options
Columns

Columns to export

x id
x distributors
x

An optional list of columns to be copied. If no column list is specified, all columns of the table will be copied.

NULL Strings

Specifies the string that represents a null value. The default is \N (backslash-N) in text format, and an unquoted empty string in CSV format. You might prefer an empty string even in text format for cases where you don't want to distinguish nulls from empty strings. This option is not allowed when using binary format.

Not null columns

Do not match the specified column values against the null string. In the default case where the null string is empty, this means that empty values will be read as zero-length strings rather than nulls, even when they are not quoted. This option is allowed only in import, and only when using CSV format.

Cancel
OK

Use the fields in the *Columns* tab to select the columns that will be imported or exported:

- Click inside the *Columns to export/import* field to deselect one or more columns from the drop-down listbox. To delete a selection, click the x to the left of the column name. Click an empty spot inside the field to access the drop-down list.
- Use the *NULL Strings* field to specify a string that will represent a null value within the source or target file.
- If enabled, click inside the *Not null columns* field to select one or more columns that will not be checked for a NULL value. To delete a column, click the x to the left of the column name.

After completing the *Import/Export data* dialog, click the *OK* button to perform the import or export. pgAdmin will inform you when the background process completes:

Copying table data

Copying table data 'public.spatial_ref_sys' on database 'edb' and server (172.16.254.22:5444)
Mon Feb 25 2019 14:10:45 GMT+0530 (India Standard Time)

12.64 seconds

More details...

Stop Process

Successfully completed.

Use the **Stop Process** button to stop the Import/Export process.

Use the *Click here for details* link on the notification to open the *Process Watcher* and review detailed information about the execution of the command that performed the import or export:

Process Watcher - Copying table data



Copying table data 'public.spatial_ref_sys' on database 'edb' for the server 'EPAS11 (172.16.254.22:5444)'

Running command:

```
"/usr/edb/as11/bin/psql" --command " \copy public.spatial_ref_sys (srid, auth_name, auth_srid, srtext, proj4text) TO '<STORAGE_DIR>/data_export' CSV QUOTE '\" ESCAPE '\""
```



Start time: Mon Feb 25 2019 14:10:45 GMT+0530 (India Standard Time)

⌛ Stop Process

COPY 5757



Successfully completed.

Execution time: 12.64 seconds