General

\copyright show PostgreSQL usage and distribution terms

\crosstabview [COLUMNS] execute query and display results in crosstab

\errverbose show most recent error message at maximum verbosity

\g [(OPTIONS)] [FILE] execute query (and send results to file or |pipe);

\g with no arguments is equivalent to a semicolon

\gdesc describe result of query, without executing it

\gexec execute query, then execute each value in its result

\gset [PREFIX] execute query and store results in psql variables

\gx [(OPTIONS)] [FILE] as \g, but forces expanded output mode

\q quit psql

\watch [SEC] execute query every SEC seconds

Help

\? [commands] show help on backslash commands

\? options show help on psql command-line options

\? variables show help on special variables

\h [NAME] help on syntax of SQL commands, \* for all commands

Query Buffer

\e [FILE] [LINE] edit the query buffer (or file) with external editor

\ef [FUNCNAME [LINE]] edit function definition with external editor

\ev [VIEWNAME [LINE]] edit view definition with external editor

\p show the contents of the query buffer

\r reset (clear) the query buffer

\w FILE write query buffer to file

Input/Output

\copy ... perform SQL COPY with data stream to the client host

\echo [-n] [STRING] write string to standard output (-n for no newline)

\i FILE execute commands from file

\ir FILE as \i, but relative to location of current script

\o [FILE] send all query results to file or |pipe

\qecho [-n] [STRING] write string to \o output stream (-n for no newline)

\warn [-n] [STRING] write string to standard error (-n for no newline)

Conditional

\if EXPR begin conditional block

\elif EXPR alternative within current conditional block

\else final alternative within current conditional block

\endif end conditional block

Informational

(options: S = show system objects, + = additional detail)

\d[S+] list tables, views, and sequences

\d[S+] NAME describe table, view, sequence, or index

\da[S] [PATTERN] list aggregates

\dA[+] [PATTERN] list access methods

\dAc[+] [AMPTRN [TYPEPTRN]] list operator classes

\dAf[+] [AMPTRN [TYPEPTRN]] list operator families

\dAo[+] [AMPTRN [OPFPTRN]] list operators of operator families

\dAp[+] [AMPTRN [OPFPTRN]] list support functions of operator families

\db[+] [PATTERN] list tablespaces

\dc[S+] [PATTERN] list conversions

\dC[+] [PATTERN] list casts

\dd[S] [PATTERN] show object descriptions not displayed elsewhere

\dD[S+] [PATTERN] list domains

\ddp [PATTERN] list default privileges

\dE[S+] [PATTERN] list foreign tables

\des[+] [PATTERN] list foreign servers

\det[+] [PATTERN] list foreign tables

\deu[+] [PATTERN] list user mappings

\dew[+] [PATTERN] list foreign-data wrappers

\df[anptw][S+] [FUNCPTRN [TYPEPTRN ...]]

list [only agg/normal/procedure/trigger/window] functions

\dF[+] [PATTERN] list text search configurations

\dFd[+] [PATTERN] list text search dictionaries

\dFp[+] [PATTERN] list text search parsers

\dFt[+] [PATTERN] list text search templates

\dg[S+] [PATTERN] list roles

\di[S+] [PATTERN] list indexes

\dl list large objects, same as \lo\_list

\dL[S+] [PATTERN] list procedural languages

\dm[S+] [PATTERN] list materialized views

\dn[S+] [PATTERN] list schemas

\do[S+] [OPPTRN [TYPEPTRN [TYPEPTRN]]]

list operators

\dO[S+] [PATTERN] list collations

\dp [PATTERN] list table, view, and sequence access privileges

\dP[itn+] [PATTERN] list [only index/table] partitioned relations [n=nested]

\drds [ROLEPTRN [DBPTRN]] list per-database role settings

\dRp[+] [PATTERN] list replication publications

\dRs[+] [PATTERN] list replication subscriptions

\ds[S+] [PATTERN] list sequences

\dt[S+] [PATTERN] list tables

\dT[S+] [PATTERN] list data types

\du[S+] [PATTERN] list roles

\dv[S+] [PATTERN] list views

\dx[+] [PATTERN] list extensions

\dX [PATTERN] list extended statistics

\dy[+] [PATTERN] list event triggers

\l[+] [PATTERN] list databases

\sf[+] FUNCNAME show a function's definition

\sv[+] VIEWNAME show a view's definition

\z [PATTERN] same as \dp

Formatting

\a toggle between unaligned and aligned output mode

\C [STRING] set table title, or unset if none

\f [STRING] show or set field separator for unaligned query output

\H toggle HTML output mode (currently off)

\pset [NAME [VALUE]] set table output option

(border|columns|csv\_fieldsep|expanded|fieldsep|

fieldsep\_zero|footer|format|linestyle|null|

numericlocale|pager|pager\_min\_lines|recordsep|

recordsep\_zero|tableattr|title|tuples\_only|

unicode\_border\_linestyle|unicode\_column\_linestyle|

unicode\_header\_linestyle)

\t [on|off] show only rows (currently off)

\T [STRING] set HTML <table> tag attributes, or unset if none

\x [on|off|auto] toggle expanded output (currently off)

Connection

\c[onnect] {[DBNAME|- USER|- HOST|- PORT|-] | conninfo}

connect to new database (currently "postgres")

\conninfo display information about current connection

\encoding [ENCODING] show or set client encoding

\password [USERNAME] securely change the password for a user

Operating System

\cd [DIR] change the current working directory

\setenv NAME [VALUE] set or unset environment variable

\timing [on|off] toggle timing of commands (currently off)

\! [COMMAND] execute command in shell or start interactive shell

Variables

\prompt [TEXT] NAME prompt user to set internal variable

\set [NAME [VALUE]] set internal variable, or list all if no parameters

\unset NAME unset (delete) internal variable

Large Objects

\lo\_export LOBOID FILE

\lo\_import FILE [COMMENT]

\lo\_list

\lo\_unlink LOBOID large object operations